



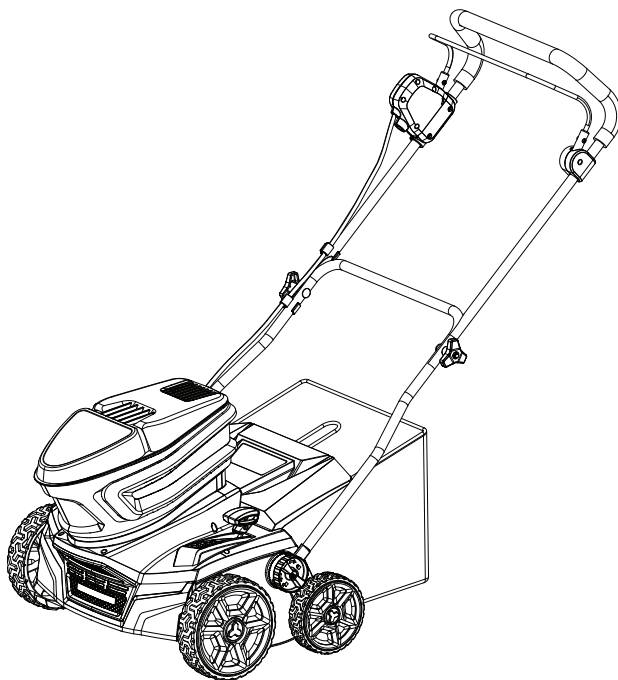
# YARDWORKS<sup>®/MD</sup>

## 14" (36 CM) BRUSHLESS DETHATCHER

model number 060-1910-4 | contact us: 1.866.523.5218



Intertek  
3025736



### IMPORTANT:

Read and follow all safety rules and operating instructions before using this product.

**Instruction  
Manual**



For problems or questions, **DO**  
**NOT RETURN TO STORE**. Please  
contact one of our Customer  
Service Agents who would be  
happy to assist you.

For Customer Assistance Please Call:



**CANADA: 1.866.523.5218**





model no. 060-1910-4 | contact us: 1.866.523.5218

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**Please do not operate garden equipment near children. This could lead to severe injury or death.**

## INTRODUCTION

Congratulations on your purchase of your new Yardworks® tool. It has been designed, engineered and manufactured to give you the best possible dependability and performance.

Should you experience any problem you cannot easily remedy, please contact our Yardworks® customer service line at 1.866.523.5218.

**PLEASE READ AND RETAIN THIS INSTRUCTION MANUAL.** These instructions will enable you to assemble and maintain your appliance properly. **ALWAYS** observe the "SAFETY RULES".

The instruction manual was designed to conveniently help you get your purchase ready to use so there's less risk of damaging it and to provide you with enough information to get familiar with your product's controls and features and to operate it safely.

## SAFETY FIRST



**CAUTION:** The operation of lawn equipment can result in foreign objects thrown into the eyes, which can result in **SEVERE EYE INJURY**. **ALWAYS** wear safety glasses or eye shields while operating your lawn equipment or performing any adjustments or repairs. We recommend standard safety glasses or a wide vision safety mask worn over spectacles.



Please read this manual carefully and make sure you understand the instructions before using the machine.

Model number: \_\_\_\_\_

Serial number: \_\_\_\_\_

Date of purchase (MM/DD/YYYY): \_\_\_\_\_

Notes: \_\_\_\_\_

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**FOR ALL APPLIANCES**

- Avoid dangerous environments — do not use appliances in damp or wet locations.
- Don't use in rain.
- Keep children away — all people and pets should be kept at a distance from the work area.
- Dress properly — do not wear loose clothing or jewellery. They can be caught in moving parts. Wear protective clothing; use of work gloves, long pants, a long-sleeved shirt and safety footwear is recommended when working outdoors. Wear protective hair covering to contain long hair.
- Use safety glasses — always use face or dust mask if the area in which you are working is dusty.
- Use the right appliance — do not use appliance for any job except that for which it is intended.
- Do not force appliance — it will do the job better and with less likelihood of a risk of injury at the rate for which it was designed.
- Do not overreach — keep proper footing and balance at all times.
- Stay alert. Use common sense. Do not operate appliance when you are tired or under the influence of drugs, alcohol or medication.
- When not in use, appliances should be stored indoors in dry places out of reach of children.
- Maintain appliance with care. Follow instructions for lubricating and changing accessories. Keep handles dry, clean, and free from oil and grease.
- Check damaged parts. Before using the appliance, make sure the safety guards are intact. Never use a tool without its

safety guard. Check the alignment of the moving parts, the binding of the moving parts. Check for broken or defective parts that can affect the safe operation of your tool. A guard or other part that is damaged should be properly repaired or replaced by an authorized service centre unless indicated elsewhere in this manual.

**1. FOR ALL BATTERY-OPERATED GARDENING APPLIANCES:**

1. Prevent unintentional starting. Ensure the switch is in the off-position before connecting to battery pack, picking up or carrying the appliance. Carrying the appliance with your finger on the switch or energizing an appliance that has the switch on invites accidents.
2. Disconnect the battery pack from the appliance before making any adjustments, changing accessories, or storing appliance. Such preventive safety measures reduce the risk of starting the appliance accidentally.
3. Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
4. Use appliances only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
5. When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
6. Under abusive conditions, liquid may be ejected from the battery; avoid contact.

**Important Safety Instructions**

**WARNING:** Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

7. Do not use a battery pack or appliance that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
8. Do not expose a battery pack or appliance to fire or excessive temperature. Exposure to fire or temperature above 265°F (130°C) may cause an explosion.
9. Follow all charging instructions and do not charge the battery pack or appliance outside of the temperature range specified in the instructions. Charging improperly or at temperatures outside of the specified range may damage the battery and increase the risk of fire.
10. Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.
11. Do not modify or attempt to repair the appliance or the battery pack (as applicable) except as indicated in the instructions for use and care.

#### **ADDITIONAL SAFETY WARNINGS FOR YOUR BRUSHLESS DETHATCHER:**

- a) **Do not expose the machine to rain or wet conditions.** *Water entering the machine will increase the risk of electric shock.*
- b) **Do not use the machine in bad weather conditions, especially when there is a risk of lightning.** *This decreases the risk of being struck by lightning.*
- c) **Thoroughly inspect the area for wildlife where the machine is to be used.** *Wildlife may be injured by the machine during operation.*
- d) **Thoroughly inspect the area where the machine is to be used and remove all stones, sticks, wires, bones, and other foreign objects.** *Thrown objects can cause personal injury.*
- e) **Before using the machine, always visually inspect to see that the tines and the tines assembly are not worn or damaged.** *Worn or damaged parts increase the risk of injury.*
- f) **Check the dethatcher frequently for wear or deterioration.** *A worn or damaged catcher may increase the risk of personal injury.*
- g) **Keep guards in place. Guards must be in working order and be properly mounted.** *A guard that is loose, damaged, or is not functioning correctly may result in personal injury.*
- h) **Keep all cooling air inlets clear of debris.** *Blocked air inlets and debris may result in overheating or risk of fire.*
- i) **While operating the machine, always wear non-slip and protective footwear. Do not operate the machine when barefoot or wearing open sandals.** *This reduces the chance of injury to the feet from contact with the moving tines.*
- j) **While operating the machine, always wear long trousers.** *Exposed skin increases the likelihood of injury from thrown objects.*
- k) **Do not operate the machine in wet grass. Walk, never run.** *This reduces the risk of slipping and falling which may result in personal injury.*
- l) **Do not operate the machine on excessively steep slopes.** *This reduces the risk of loss of control, slipping and falling which may result in personal injury.*
- m) **When working on slopes, always be sure of your footing, always work across the face of slopes, never up or down and exercise extreme caution when changing direction.** *This reduces the risk of loss of control, slipping and falling which may result in personal injury.*
- n) **Use extreme caution when reversing or pulling the machine towards you. Always be aware of your surroundings.** *This reduces the risk of tripping during operation.*

- o) **Hold the machine by insulated gripping surfaces only, because the tines may contact hidden wiring.**  
*Tines contacting a "live" wire may make exposed metal parts of the machine "live" and could give the operator an electric shock.*
- p) **Do not touch tines and other hazardous moving parts while they are still in motion.** *This reduces the risk of injury from moving parts.*
- q) **When clearing jammed material or cleaning the machine, make sure all power switches are off and the battery pack is disconnected.**  
*Unexpected operation of the machine may result in serious personal injury.*

#### SAFETY WARNINGS FOR BATTERY PACK

- a) **Do not dismantle, open or shred cells or battery pack.**
- b) **Do not expose battery pack to heat or fire. Avoid storage in direct sunlight.**
- c) **Do not short-circuit a battery pack. Do not store battery packs haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by conductive materials.** When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
- d) **Do not subject battery pack to mechanical shock.**
- e) **In the event of battery leaking, do not allow the liquid to come into contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.**
- f) **Do not use any battery pack which is not designed for use with the equipment.**
- g) **Keep battery pack out of the reach of children.**
- h) **Always purchase the battery pack recommended by the device manufacturer for the equipment.**
- i) **Keep battery pack clean and dry.**
- j) **Wipe the battery pack terminals with a clean, dry cloth if they become dirty.**
- k) **Battery pack needs to be charged before use. Always use the correct charger and refer to the manufacturer's instructions or equipment manual for proper charging instructions.**
- l) **Do not leave battery pack on prolonged charge when not in use.**
- m) **After extended periods of storage, it may be necessary to charge and discharge the battery pack several times to obtain maximum performance.**
- n) **Recharge only with the charger specified by Yardworks®. Do not use any charger other than that specifically provided for use with the equipment.**
- o) **Retain the original product literature for future reference.**
- p) **Use only the battery pack in the application for which it was intended.**
- q) **Remove the battery from the equipment when not in use.**
- r) **Dispose of properly.**
- s) **Do not mix cells of different manufacture, capacity, size or type within a device.**
- t) **Keep the battery away from microwaves and high pressure.**

#### Information for radiated emission

This device complies with Canadian ICES-001.

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) This device must accept any interference received, including interference that may cause undesired operation.

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

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.








However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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





**WARNING:** Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Some of the following symbols may be used on this product. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the product effectively and safely.

Symbol	Designation/Explanation
	To reduce the risk of injury, user must read instruction manual.
	Warning
	Keep bystanders away.
 Li-ion	Li-ion battery; battery must be recycled.
	Do not burn.
	Batteries may enter water cycle if disposed improperly, which can be hazardous for ecosystem. Do not dispose of waste batteries as unsorted municipal waste.
 call 1-800-822-8837	Yardworks® Inc. has established a partnership with the RBRC Corporation to recycle any Yardworks® batteries with the RBRC-call2recycle seal. For environmental protection, please do not discard batteries in the trash. After the battery's life cycle is ended, please call 1-800-822-8837 for a free service that will properly dispose of the battery.





TECHNICAL DATA

Voltage	48V 
No load speed	3500/min
Cutting heigth adjustment	5 levels
Height adjustment	+6/-3/-6/-9/-12
Raking width	14" (36 cm)
Wheel size	8" (20.32cm) / 6" (15.24 cm)
Collection capacity	50 L
Number of blades	24
Battery capacity (ABP4850SH)	5.0 Ah
Charger Input (060-1990-2)	120 V~, 60 Hz, 110 W
Charger Output (060-1990-2)	48 V  , 2 A
Charging time	2 1/2 hr
Machine Weight	25 lb 11 oz (11.66 kg)

SUITABLE BATTERY PACKS

Item Number	060-1987-2	ABP4830SH1	060-1988-0	ABP4850SH	060-1989-8
Battery Capacity	2.0 Ah	3.0 Ah	4.0 Ah	5.0 Ah	6.0 Ah
	Not included	Not included	Not included	Included	Not included

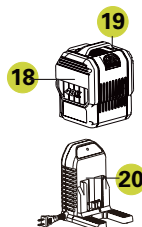
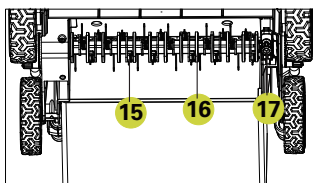
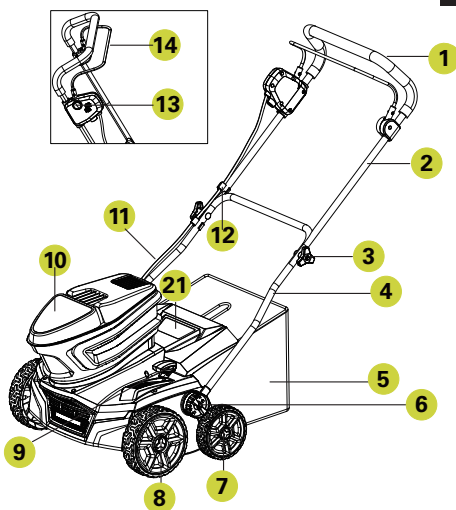
SUITABLE CHARGERS

Item Number	060-1990-2	060-1992-8
Charger Input	120 V~, 60 Hz, 110 W	120 V~, 60 Hz, 320 W
Charger Output	48 V  , 2 A	48 V  , 6 A
Charger Protection Class	 /II	 /II
	Included	Not included



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1. Handlebar
2. Upper handle
3. 2 x Handle lock knob
4. Lower handle
5. Grass collection bag
6. Lower handle lock cover
7. Rear wheel
8. Front wheel
9. Height adjustment level
10. Battery pack cover
11. Power cord
12. Wire clip
13. Safety lock button
14. Start lever
15. Tines
16. Tine cylinder assembly
17. Tine cylinder lock knob
18. Battery pack (ABP4850SH)
19. Battery pack release button
20. Charger (060-1990-2)
21. Rear discharge guard





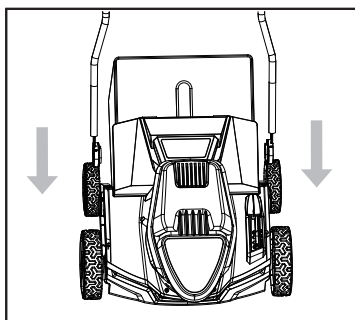
To reduce the risk of injury, user must read instruction manual.

### Intended Use

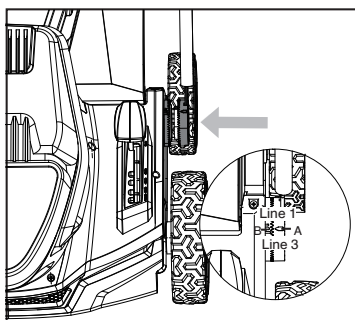
This dethatcher is intended for domestic dethatching of lawns. This dethatcher is not intended for use on stones and other hard materials.

### 1. ASSEMBLING THE LOWER HANDLE AND MOTOR HEAD ASSEMBLY

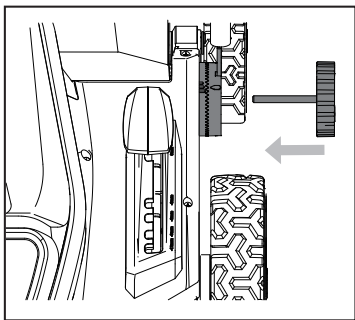
- 1) Align the lock pad on the lower handle with the lock hole on the motor head assembly. (See Fig. A1)
- 2) Choose a suitable height and insert the lock pad into the lock hole. (See Fig. A2)  
NOTE: There are 3 handle heights to select from. Three indication lines (B) indicate the different heights. Line 3 is the highest, and line 1 is the lowest. To select desired height, align the indication line (B) with the indicator (A). Then adjust the lower handle to the same height.
- 3) Insert the lower handle lock cover into the lock pad and turn it clockwise to lock the lower handle. (See Fig. A3)
- 4) Make sure the lower handle and motor head assembly are correctly assembled. (See Fig. A4)



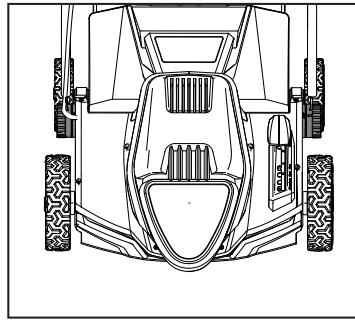
A1



A2



A3



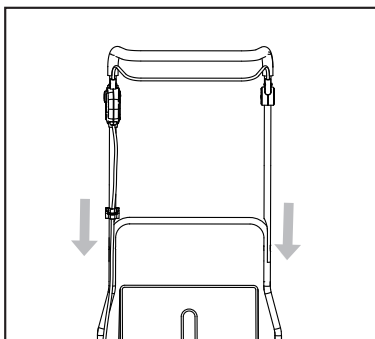
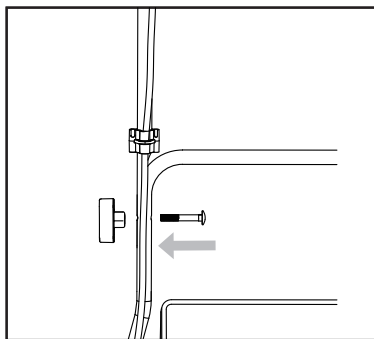
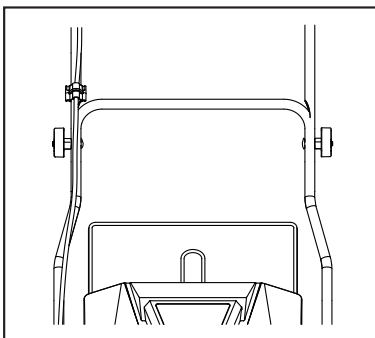
A4



**WARNING:** Any other accessory or attachment may increase the risk of injury.

**2. ASSEMBLING THE UPPER HANDLE AND LOWER HANDLE**

Align the holes on the upper handle with the holes on the lower handle. (See Fig. B1)  
 Insert the bolts, and then tighten them using the handle lock knobs provided. (See Fig. B2)  
 Make sure the upper handle and lower handle are correctly assembled. (See Fig. B3)  
**NOTE:** The handle lock knobs can be installed from the inside or outside of the handle.

**B1****B2****B3****3. GRASS COLLECTION BAG FITTING**

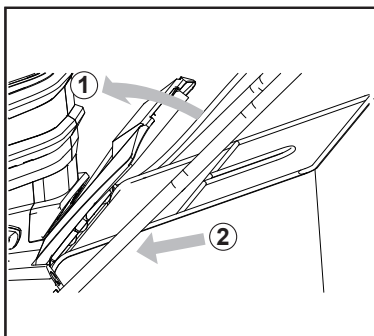
- 1) Raise the rear discharge guard and hold it up. Pick up the grass collection bag by the handle, and position the left and right hooks of grass collection bag onto the dethatcher. (See Fig. C1, C2)
  - 2) Release the rear discharge guard. Ensure the grass collection bag is installed securely.
- NOTE:** Depress the grass collection bag slightly to ensure that it is completely installed.



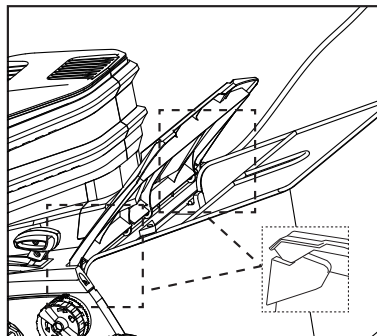
**CAUTION!** The dethatcher must not be operated before it has been assembled completely.



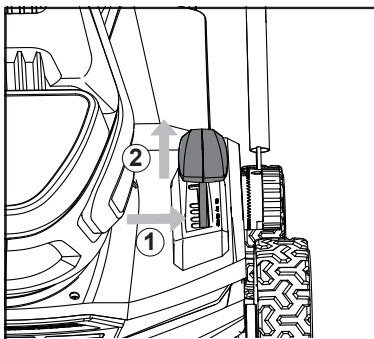
**CAUTION!** Do not insert the battery pack until the dethatcher has been completely assembled.



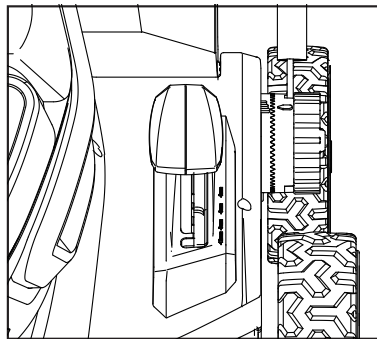
C1



C2



D1



D2

#### 4. ADJUSTING THE DETHATCHER DEPTH

The dethatcher has one height adjustment lever to easily adjust the cutting height. You can choose from five different depth settings by pulling out and moving height adjustment lever up or down. (See Fig. D1, D2)

- 1) When setting "+6", the high setting is locked in. The dethatcher depth is approx 1/4" (6 mm) above the ground. Select depth setting "+6" when transporting the dethatcher.
- 2) When setting "-3; -6; -9", the middle setting is locked in. The dethatcher depth is approx -1/8" (-3 mm) to -5/16" (-9 mm).
- 3) When setting "-12", the low setting is locked in. The dethatcher depth is approx -7/16" (-12 mm).
- 4) After adjustment, ensure the bar is fully seated in the selected notch.



**WARNING:** Before you adjust the dethatcher depth, turn off the power, remove the battery pack and ensure the motor has stopped.



**WARNING!** The height adjustment level must be firmly locked into place! At the beginning it is best to select depth setting "+6" at the start. You can then switch to setting "-3" when the dethatcher spikes have become worn.

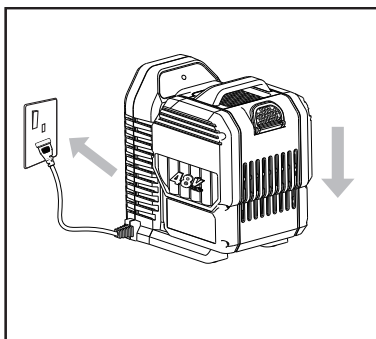
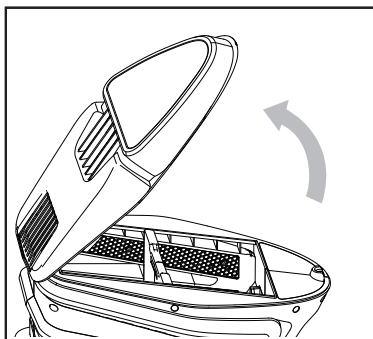
**OPERATION****BEFORE PUTTING INTO OPERATION****1. CHARGING THE BATTERY (SEE FIG. E1)**

- The battery in your new tool is not charged when it leaves the plant. Therefore it must be fully charged before using the first time.
- If the battery pack is very hot, remove the battery from the charger and allow it to cool to ambient temperature before attempting to recharge.
- To prevent damage to the battery pack, please charge the battery to full or no less than half charge before storage.
- If the tool will not be used for long periods of time, charge the battery pack every 3-6 months.

**CHARGING PROCEDURE**

- Plug the charger into an appropriate outlet.
- Slide the battery pack into the charger; make sure the battery is in the correct charge position firmly. The charger light will begin flashing green to indicate the charging process has started.
- When charging is completed, the light will turn solid green.
- When the battery is fully charged, unplug the charger and remove the battery pack.

**NOTE:** If the battery pack is locked in the charger, press the battery pack release button and remove it.

**E1****E2**













**WARNING!** The charger and battery pack are specially designed to work together, so do not attempt to use any other devices. Never insert or allow metallic objects into your charger or battery pack connections because an electrical failure and hazard will occur.



**WARNING:** When battery charge runs out after continuous use or exposure to direct sunlight or heat, allow time for the battery to cool down before re-charging to achieve the full charge.

**CHARGING INDICATOR**

This charger is designed to detect some problems that can arise with battery packs. Indicator lights indicate problems (see table below).

Light	ON/ Flash	Status
Red on  		Defective battery.
Red flash  		Battery Temperature Protection. The temperature of battery pack is less than 32°F (0°C) or more than 104°F (40°C).
Green on  		Fully charged.
Green flash  		Charging.

**2. REMOVING AND INSTALLING THE BATTERY PACK (SEE FIG. E2-E4)**

**1) INSTALLING**

Open the battery pack cover and slide the battery pack into one of the tool's battery port. A simple push and slight pressure will be sufficient. Install the other battery pack (not supplied) into the other battery port according to your needs. (See Fig. E2, E3)

**NOTE:** There are two battery pack compartment ports on the tool. You can choose to install one or two battery pack at the same time. When you install two battery packs, the working hour will be doubled.

**2) REMOVING**

Press the battery pack release button and remove the battery pack from the tool. (See Fig. E4)



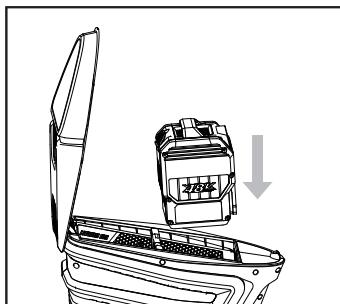
**WARNING:** During the use of one battery pack, the tool will stop immediately when you insert the other battery pack. And you need to restart to operate normally.



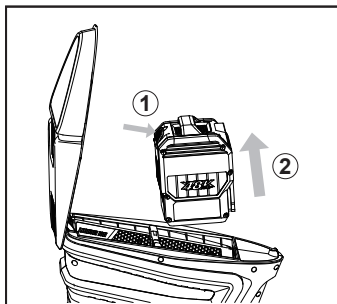
**WARNING:** During the use of two battery packs, the tool will stop immediately when you pull out one of the battery packs or, one of the battery packs' abnormality is detected.



**WARNING:** Only one battery pack supplied in the delivery, please use the same type battery pack (ABP4850SH) if you need to install two battery packs.



E3

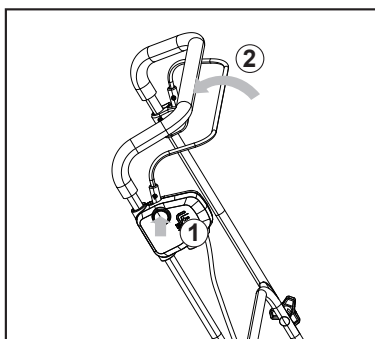


E4

### 3. SWITCH ON/OFF

To switch on, press the safety lock button at first and then pull the start lever up and against the handlebar. (See Fig. F)

To switch off, release the start lever.



F



**WARNING:** Before operation, remove any visible stones or other foreign bodies from the area.

#### 4. HOW TO USE YOUR DETHATCHER

Observe all the relevant warnings when using your dethatcher.

- 1) To look after a lawn properly, you need to dethatch your lawn more than just once a year.
- 2) Do not force your dethatcher through grass that is too long. It is recommended that your dethatcher should not be used in grass that is longer than 3" (7.5 cm).
- 3) Do not use in wet or damp conditions.
- 4) To obtain the best result from your dethatcher use it regularly. It is recommended that your dethatcher is used at the beginning and the end of each grass cutting season.



**WARNING:** Before moving the dethatcher from one area to another switch off the motor and wait for the tines to come to a complete stop. Be careful not to let the tines touch the ground while moving the dethatcher. The tines as well as the tool itself may be damaged even if the motor is switched off.



**MAINTENANCE**

Always check the product prior to being used for any damage.

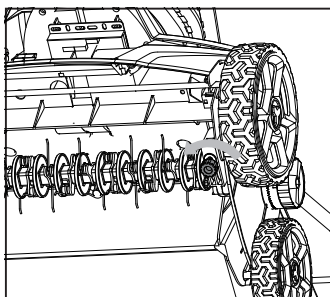
After use, disconnect the battery pack from the tool and check for damage.

Before each use check the condition of the tines and ensure that all threaded connections are securely tightened. If the tines become dull or blunt, sharpen or replace them.

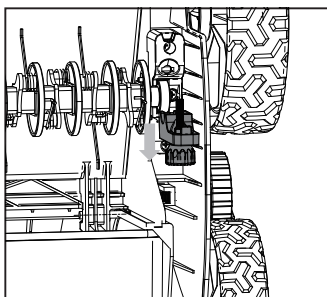
**1. REPLACE THE TINE CYLINDER ASSEMBLY**

If the tine cylinder assembly is worn and tines are broken/missing, then replace the tine cylinder assembly. The new individual tine cylinder assembly is sold separately.

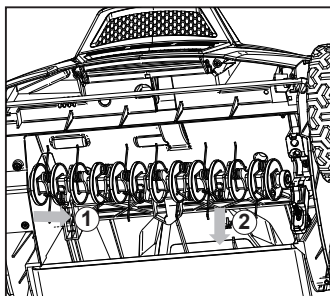
- Remove the battery pack from the dethatcher. Allow sufficient time for moving parts to completely stop.
- Turn the dethatcher over.
- Turn the tine cylinder lock knob counter-clockwise and then take the plastic cover off. (See Fig. G1, G2)
- Lift up the tine cylinder assembly a little and pull the tine cylinder assembly out of the machine. (See Fig. G3)
- Install the new tine cylinder assembly.



G1



G2



G3



**WARNING:** Always clean the dethatcher after each use. Failure to carry out proper cleaning can result in damage to the dethatcher or result in poor performance.

**CLEANING**

Clean the underside of the motor support plate and housing around the tines with a scrub brush, and a soft cloth dampened with a mild soap and water mixture. Never use a water hose to clean the dethatcher! To remove soil and debris from tines, use a stiff brush or a dampened cloth. Clean the vents on the motor housing remove any remaining grass or dirt. Once cleaned, wipe the tines dry and apply a light coat of oil to prevent rust.

**STORING**

Store the dethatcher in a dry, clean area out of reach of children.

During extended periods of storage, ensure that the dethatcher is protected against corrosion and frost.

**For battery tools**

The ambient temperature range for the use and storage of tool and battery is 32°F to 113°F (0°C to 45°C).

The recommended ambient temperature range for the charging system during charging is 32°F to 104°F (0°C to 40°C).

It is recommended that the battery be stored indoors for the winter months.

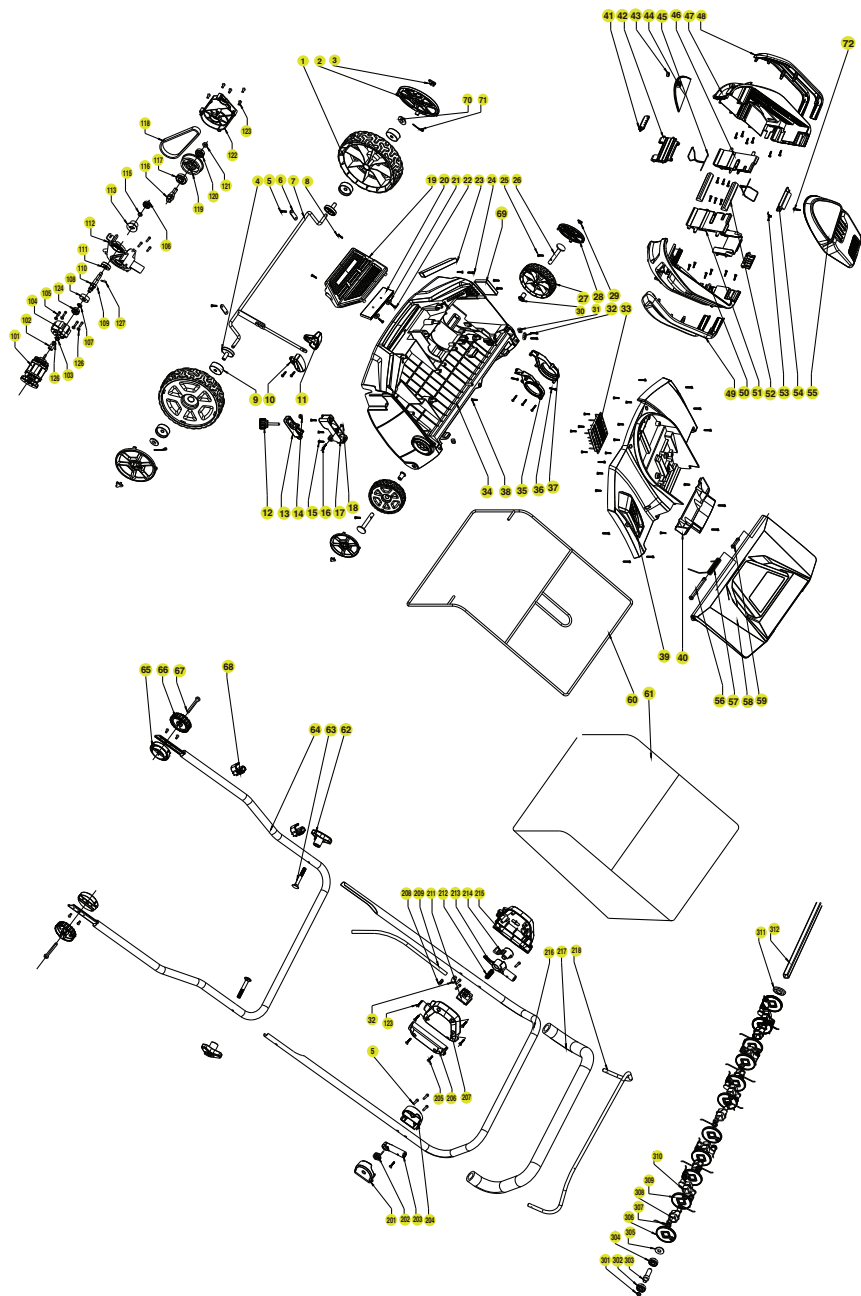
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The following table gives problems and actions that you can perform if your machine does not operate correctly. Warning: Switch the dethatcher off and remove the battery prior to any troubleshooting.

Problem	Possible Cause	Corrective Action
Dethatcher fails to operate.	Battery discharged.	Recharge battery; also see the content in charger manual.
	Battery too hot/cold. Motor is broken. Internal wiring of machine damaged.	Allow to cool/warm. Contact Yardworks® at 1.866.523.5218. Contact Yardworks® at 1.866.523.5218.
Dethatcher runs intermittently.	Motor is broken. Battery not fully charged. On/Off switch defective.	Contact Service Agent. Recharge battery. Contact Yardworks® at 1.866.523.5218.
	Machine defective.	Contact Yardworks® at 1.866.523.5218.
Excessive vibrations /noise.	Tines is jammed.	Switch off the tool. Wait till tines comes to a complete stop. Remove jammed objects.
	Bolts, nuts or other components are loose.	Tighten all components.
	Foreign objects on the dethatcher cylinder are hitting the dethatcher.	Switch off the dethatcher, remove the battery pack from the outlet and wait until the cylinder has stopped rotating.
The dethatcher is hard to push.	Blocked by foreign objects.	Switch off the motor, remove the battery pack and wait until the dethatcher has stopped rotating.
	The grass is too tall.	Remove the foreign objects. Mow the lawn before dethatching.
Dethatching results are not satisfactory.	Spring tine wear. Belt faulty. Lawn has grown too tall.	Adjust the dethatcher cylinder. Contact Yardworks® at 1.866.523.5218. Mow the lawn before using the dethatcher.
Continuous lighting of the battery charge indicator/ battery not charging.	Battery not (properly) inserted.	Properly insert battery into battery charger.
	Battery contacts contaminated.	Clean the battery contacts or replace the battery.
	Battery defective.	Replace the battery.
Battery charge indicator does not light up.	Plug of battery charger not plugged in (properly).	Insert mains plug (fully) into the socket outlet.
	Outlet or mains cable defective.	Check the mains voltage.
	Battery charger defective.	Replace the battery charger.

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Exploded View



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No.	Part Description	Quantity	No.	Part Description	Quantity
1	200 Wheel Cover	2	32	Cable Clamp	1
2	200 Wheels	2	33	Controller	1
3	200 Wheel Cap	2	34	Pedestal	1
4	Plastic Cover For Front Wheel	2	35	Air Outlet Guide Cover A	1
5	Screw	12	36	Screw	6
6	Front Wheel Bracket Assembly Press Plate	2	37	Air Outlet Guide Cover B	1
7	Front Wheel Bracket Assembly	1	38	Screw	1
8	Screw	39	39	Casing Cover	1
9	Simple Bearing	4	40	Casing Cap	1
10	Right Gear Handle	1	41	Battery Pack Pins	2
11	Gear Handle Left	1	42	Battery Pack Track (Plugboard)	2
12	Screw	1	43	Magnet	1
13	Bearing Seat Press Plate	1	44	Battery Compartment Cover	1
14	Screw	1	45	Battery Pack Auxiliary Spring	2
15	Screw	3	46	Connections - 3	1
16	Screw	1	47	Left Cover Of Battery Compartment	1
17	Bearing Seat	1	48	Decorative Cover - Left	1
18	Screw	1	49	Decorative Cover - Right	1
19	Cover	1	50	Right Cover Of Battery Compartment	1
20	Decorative Cover Sponge	1	51	Connections - 2	1
21	5 Gasket	22	52	Spring Retaining Seat	2
22	Screw	2	53	Battery Compartment Torsion Spring	1
23	Filter Sponge # 2	1	54	Connections - 1	1
24	Screw	2	55	Battery Cover	1
25	Screw	2	56	Torsion Spring Retaining Pin	1
26	Rear Hub	2	57	Torsional Spring	1
27	150 Wheels	2	58	Straw Bag Cover	1
28	150 Wheel Cover	2	59	DC Straw Bag Cover Pin	1
29	150 Wheel Cap	2	60	Hay Rack	1
30	Plastic Cover For Rear Wheel	2	61	Clippings Bag	1
31	Square Nut	2			

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Parts List

No.	Part Description	Quantity	No.	Part Description	Quantity
62	Rotary Knob	2	201	Trigger Seat Left	1
63	Screw	2	202	Spring	1
64	1 Bar	1	203	Wire Connection Rod	1
65	Pole 1 Positioning Seat	2	204	Trigger Seat Right	1
66	Angle Adjusting Knob	2	205	Screw St4*30	2
67	Screw	2	206	Switch Box Press plate	1
68	S Type Clamp	2	207	Switch Box Left	1
69	Filter Sponge # 1	1	208	Switch Plug Head	1
70	Phi 10 Gasket	2	209	Wire	1
71	R Pin	2	211	Rocker Switch	1
101	48 V Brushless Motor	1	212	Spring	1
102	Pinion	1	213	Trigger	1
103	Elastic Washer For Shaft	1	214	Switch Button	1
104	Motor Gear Box	1	215	Switch Box	1
105	Screw	4	216	No. 2 Rod	1
106	Bearing	1	217	Sponge Tube	1
107	Elastic Washer For Shaft	1	218	Wire Trigger	1
108	Motor Gear	1	301	Comb Blade Square Tube Shaft	1
109	Flat Key	1	302	Bearing 6000-2rs	1
110	The Big Gear Shaft	1	303	Connecting Shaft Head	1
111	Bearing	1	304	Bearing 6001-Zz	1
112	Pulley Support	1	305	Gasket	1
113	Small Timing Belt Pulley	1	306	Claw Spring Fixed Frame Cover Plate	1
115	Gasket	1	307	Paul Pawl Spring	24
116	Output Shaft	1	308	Reed Retainer	1
117	Bearing	1	309	Claw Spring Fixed Frame Cover Plate	12
118	Poly V-Belt; Ribbed Belt	1	310	Reed Retainer	11
119	The Big Belt Wheel	1	311	Dustproof Cover Left	1
120	Bearing	1	312	Comb Blade Square Tube Shaft	1
121	Outer Hexagon Lock nut	1			
122	Center Bracket Cover	1			
123	Screw	8			
124	Bearing	1			
125	Gasket	1			
126	Resilient Pad	4			
127	Pin Roll	1			

**FIVE-YEAR LIMITED WARRANTY**

For five (5) years from the date of purchase within Canada, YARDWORKS CANADA will, at its option, repair or replace for the original purchaser, free of charge, any part or parts found to be defective in material or workmanship (excludes battery and charger).

For THREE (3) years from the date of purchase within Canada, YARDWORKS CANADA will, at its option, repair or replace for the original purchaser, free of charge, any battery or charger found to be defective in material or workmanship.

**THIS WARRANTY DOES NOT COVER**

1. Any part that has become inoperative due to misuse, commercial use, abuse, neglect, accident, improper maintenance, or alteration;
2. The unit, if it has not been operated and/or maintained in accordance with the owner's manual;
3. Normal wear, except as noted below;
4. Routine maintenance items such as lubricants, blade sharpening; or
5. Normal deterioration of the exterior finish due to use or exposure.

**FULL ONE YEAR (365) DAYS WARRANTY ON NORMAL WEAR PARTS**

Normal wear parts are defined as blade adaptors, blades, grass bags and tires. These parts are warranted to the original purchaser to be free from defects in material and workmanship for a period of three hundred and sixty-five (365) days from the date of retail purchase.

Made in China. Imported by Yardworks Canada  
Toronto, Canada M4S 2B8

**HOW TO OBTAIN SERVICE**

Warranty service is available by calling the toll-free helpline at 1.866.523.5218. The factory will not accept the return of a complete unit unless prior written permission has been extended by YARDWORKS CANADA.

**TRANSPORTATION CHARGES**

Transportation charges for the movement of any power equipment unit or attachment are the responsibility of the purchaser. The purchaser must pay transportation charges for any part submitted for replacement under this warranty unless such return is requested in writing by YARDWORKS CANADA.

**OTHER WARRANTIES**

All other warranties, express or implied, including any implied warranty of merchantability is limited in its duration to that set forth in this express limited warranty. The provisions as set forth in this warranty provide the sole and exclusive remedy of YARDWORKS CANADA obligations arising from the sale of its products.



**Always remove or disconnect the battery pack before adjusting, cleaning, servicing or transporting your appliance.**

**FCC Part 15**

Supplier's Declaration of Conformity

Product Description: 48V 2.0 A Charger

Model Number: 060-1990-2

Trade Name: Yardworks®

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) This device must accept any interference received, including interference that may cause undesired operation.

Responsible Party:

**YARDWORKS** ®/MD

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