

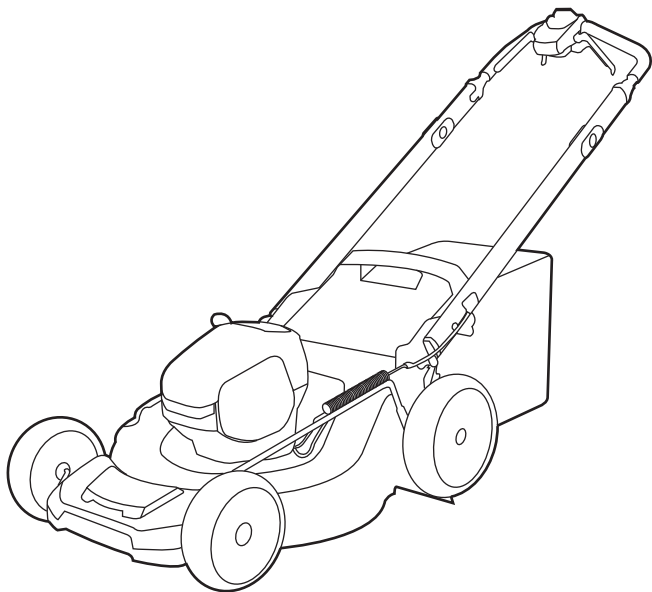
# greenworks®

MO80L416

EN

LAWN MOWER

OPERATOR MANUAL



LMB412

[www.greenworkstools.com](http://www.greenworkstools.com)



<b>1</b>	<b>Introduction.....</b>	<b>4</b>	4.9	Start the product.....	11
1.1	Product description.....	4	4.10	Activate Turbo Boost (Temporarily Increased Cutting Speed).....	11
1.2	Intended use.....	4	4.11	Operate the self-propelled drive system.....	11
1.3	Overview.....	4	4.12	LED Headlights.....	12
1.4	Symbols on the product.....	4	4.13	Stop the product.....	12
1.5	California Proposition 65.....	4	4.14	Recommendations for Effective Lawn Mowing.....	12
<b>2</b>	<b>Safety.....</b>	<b>4</b>	<b>5</b>	<b>Maintenance.....</b>	<b>13</b>
2.1	Safety definitions.....	4	5.1	Maintenance schedule.....	13
2.2	Safety features on the product.....	6	5.2	General inspection.....	13
2.3	Check the cutting deck.....	6	5.3	Clean the product.....	13
2.4	Grass catcher.....	7	5.4	Clean the battery and battery charger.....	14
2.5	Blade Activation Lever.....	7	5.5	Examine the cutting equipment....	14
2.6	Battery safety.....	7	<b>6</b>	<b>Transportation, storage, and disposal.....</b>	<b>15</b>
2.7	Battery charger safety.....	7	6.1	Set the product in transportation position.....	15
2.8	Safety instructions for maintenance.....	7	6.2	Transportation.....	16
<b>3</b>	<b>Assembly.....</b>	<b>7</b>	6.3	Disposal of the battery, battery charger, and product.....	16
3.1	Install the upper handle.....	7	<b>7</b>	<b>Troubleshooting.....</b>	<b>17</b>
3.2	Remove the battery pack.....	8	<b>8</b>	<b>Technical data.....</b>	<b>17</b>
<b>4</b>	<b>Operation.....</b>	<b>8</b>	<b>9</b>	<b>Limited warranty.....</b>	<b>18</b>
4.1	Before using the product.....	8			
4.2	Adjust the Handlebar Position.....	9			
4.3	Set the cutting height.....	9			
4.4	Use the product with grass catcher.....	9			
4.5	Switch to mulching mode.....	10			
4.6	Switch to side discharging mode..	10			
4.7	Mowing without a grass catcher or mulch plug .....	10			
4.8	Connect the battery to the product.....	10			

## 1 INTRODUCTION

### 1.1 PRODUCT DESCRIPTION

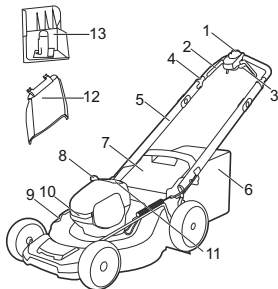
This product is a battery-powered self-propelled rotary lawn mower that features a mulching function and is equipped with a detachable grass catcher.

We are committed to continuously improving our products, and reserve the right to modify the design and appearance without prior notice.

### 1.2 INTENDED USE

This product is designed to cut and mulch different kinds of grass and weeds. It should not be used for any other tasks.

### 1.3 OVERVIEW



- 1 Start button
- 2 Start handle
- 3 Self-propel drive lever
- 4 Upper handle
- 5 Lower handle
- 6 Grass catcher
- 7 Rear discharge door
- 8 Height adjustment lever
- 9 Side discharge cover
- 10 LED Headlight
- 11 Battery door
- 12 Side discharge chute
- 13 Mulch plug

## 1.4 SYMBOLS ON THE PRODUCT

Symbol	Explanation
	Precautions that involve your safety.
	This appliance incorporates parts of class II construction to prevent electric shock.
	To reduce risk of electric shock. Do not expose product to water or operate product on wet ground.
	Read operator's manual.
	Maintain safety devices./ Keep safety devices. (guards, shields, switches)
	Look down and behind before and while moving backwards.
	Do not operate on inclines greater than 15° steep slopes.
	Remove objects that could be thrown by the blade.
	Do not operate within 100 ft. of people or animals.

## 1.5 CALIFORNIA PROPOSITION 65

**WARNING**

**THIS PRODUCT CONTAINS OR EMITS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER OR BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.**

## 2 SAFETY

### 2.1 SAFETY DEFINITIONS

Warning, cautions, and notes are used to point out especially important parts of the manual.

 WARNING

Used if there is a risk of injury or death for the operator or bystanders, if the instructions in the manual are not obeyed.

 CAUTION

Used if there is a risk of damage to the product, other materials, or the adjacent area, if the instructions in the manual are not obeyed.

**Note:** Used to give more information that is necessary in a given situation.

**2.1.1 READ ALL INSTRUCTIONS** WARNING

When using electric lawn mowers, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and personal injury, including the following:

- Avoid Dangerous Environment – Don't use lawn mowers in damp or wet locations.
- Don't Use In Rain.
- Keep Children Away – All visitors should be kept a safe distance from work area.
- Dress Properly – Do not wear loose clothing or jewelry. They can be caught in moving parts. Use of rubber gloves and footwear is recommended when working outdoors.
- Use Safety Glasses – Always use face or dust mask if operation is dusty.
- Use Right Product – Do not use lawn mower for any job except that for which it is intended.
- Don't Abuse Cord – Never pull lawn mower by cord. Keep cord from heat, oil, and sharp edges.
- Don't Force Lawn Mower – It will do the job better and safer at the rate for which it was designed.
- Don't Overreach – Keep proper footing and balance at all times.
- Stay Alert – Watch what you are doing. Use common sense. Do not operate product when you are tired.
- Disconnect Lawn Mower – Disconnect the Lawn Mower from the battery when not in use, before servicing, when changing accessories such as blades, and the like.
- Store Idle Lawn Mower Indoors – When not in use, products should be stored indoors in dry, and high or locked-up place – out of reach of children.
- Maintain Lawn Mower With Care – Keep cutting edges sharp and clean for best and safest performance. Follow instructions for lubricating and

changing accessories. Inspect lawn mower cord periodically and if damaged, have it repaired by an authorized service facility. Keep handles dry, clean, and free from oil and grease.

- Keep guards in place and in working order.
- Keep blades sharp.
- Keep hands and feet away from cutting area.
- Objects struck by the lawn mower blade can cause severe injuries to persons. The lawn should always be carefully examined and cleared of all objects prior to each mowing.
- If lawn mower strikes a foreign object, follow these steps:
  - Stop lawn mower. Release the switch.
  - Remove battery.
  - Inspect for damage.
  - Repair any damage before restarting and operating the lawn mower.
- Use identical replacement blades only.

 WARNING

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

- Prevent unintentional starting. Ensure the switch is in the off-position before connecting to battery, picking up or carrying the product. Carrying the product with your finger on the switch or energizing product that have the switch on invites accidents.
- Disconnect the battery from the product before making any adjustments, changing accessories, or storing product. Such preventive safety measures reduce the risk of starting the product accidentally.
- When battery 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 terminal together may cause burns or a fire.
- Under abusive conditions, liquid may be ejected from the battery; avoid contact. 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.
- Do not use a battery or product that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.
- Do not expose a battery or product to fire or excessive temperature. Exposure to fire or temperature above 130°C (265°F) may cause explosion.

- Follow all charging instructions and do not charge the battery or product outside of the temperature range specifier in the instructions. Charging improperly or at temperatures outside of the specifier range may damage the battery and increase the risk of fire.
- Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.
- Do not modify or attempt to repair the product or the battery (as applicable) except as indicated in the instructions for use and care.

### 2.1.2 TRAINING

The following should be carried out for training:

- Read the operating and service instruction manual carefully. Be thoroughly familiar with the controls and the proper use of the product.
- Never allow children to operate a power mower.
- Keep the area of operation clear of all persons, particularly small children, and pets.
- Do not use a mower for any job except that for which it is intended.

### 2.1.3 PREPARATION

The following preparations should be carried out:

- Thoroughly inspect the area where the product is to be used and remove all stones, sticks, wires, bones, and other foreign objects.
- Do not operate the product when barefoot or wearing open sandals. Always wear substantial footwear.
- Never attempt to make a wheel height adjustment while the motor is running.
- Mow only in daylight or in good artificial light.
- Never operate the product on wet grass. Always be sure of your footing; keep a firm hold on the handle and walk, never run.

### 2.1.4 OPERATION

- Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times.
- Stop the blade(s) when crossing gravel drives, walks, or roads.
- After striking a foreign object, stop the motor, unplug or remove battery, thoroughly inspect the mower for any damage, and repair the damage before restarting and operating the mower.
- If the product should start to vibrate abnormally, stop the motor and check immediately for the cause. Vibration is generally a warning of trouble.
- Stop the motor and unplug or remove battery whenever leaving the product, before cleaning the

mower housing, and before making any repairs or inspections.

- Shut the motor off and wait until the blade comes to a complete stop before removing the grass catcher or before unclugging the chute.
- Mow across the face of slopes, never up and down. Exercise extreme caution when changing direction on slopes. Do not mow excessively steep slopes.
- Never operate the mower without proper guards, plates, or other safety protective devices in place.
- Do not wash with a hose; avoid getting water in motor and electrical connections.

### 2.1.5 MAINTENANCE

The following maintenance items should be carried out:

- Check the blade and the engine (product) mounting bolts at frequent intervals for proper tightness.
- Keep all nuts, bolts, and screws tight to be sure the product is in safe working condition.
- Check bag frequently for deterioration and wear, and replace worn bags. Check that replacement bags comply with the original manufacturer's recommendations or specifications.
- Replace the blade if it is bent or cracked. An unbalanced blade causes vibration that could damage the motor drive unit or cause personal injury.
- Sharpen a dull blade equally at each end to maintain the balance.
- Clean the blade thoroughly and check its balance by supporting it horizontally on a thin nail through its center hole. The nail should also be in a horizontal position. If either end of the blade rotates downward, remove some metal from the heavy or lower end until the blade is balanced. It is balanced when neither end drops.

## 2.2 SAFETY FEATURES ON THE PRODUCT

### WARNING

Carefully read and understand the safety precautions below before using the product.

- Ensure that the safety hardware on the product is functioning properly before use.
- Regularly inspect the safety hardware, and if any defects are found, please contact your nearest service center immediately.

### 2.3 CHECK THE CUTTING DECK

The cutting deck is designed to reduce vibrations in the product and minimize the risk of injury from the blade.

- To ensure safe operation of the mower, it's important to inspect the cutting deck for any damages, such as cracks.

#### 2.4 GRASS CATCHER

The grass catcher prevents injury to the operator from the rotating blade. The grass catcher wears during operation, so it is important to inspect it regularly for damages such as tears or holes. If there is any damage, replace it immediately with a grass catcher approved by the manufacturer.

#### 2.5 BLADE ACTIVATION LEVER

- The blade activation lever starts the motor. When the lever is released, the motor stops.
- It's important to perform regular checks on the blade activation lever. To do this, power on the motor and then release the lever. If the motor doesn't stop within 3 seconds, there may be an issue with the lever. In this case, it's recommended to have an approved service center adjust the lever.

#### 2.6 BATTERY SAFETY

Refer to the Battery Operator Manual for warning instructions before you use the product.

#### 2.7 BATTERY CHARGER SAFETY

Refer to the Battery Charger Operator Manual for warning instructions before you use the product.

#### 2.8 SAFETY INSTRUCTIONS FOR MAINTENANCE

- To prevent accidental start during maintenance, always turn off the product and remove the battery. Wait for at least 5 seconds before starting any maintenance work.
- Follow the maintenance instructions correctly to increase the product's lifetime and reduce the risk of accidents. Professional repairs must be done by a technician at an approved service center.
- Only perform the maintenance tasks listed in the operator's manual. Any other maintenance work should be done by a technician.
- Wear heavy-duty gloves when using the cutting equipment to prevent injuries from the sharp blade.
- Keep the cutting edges clean and sharp for optimal and safe performance.
- If you are experiencing difficulties with maintenance, have a service technician conduct regular inspections of the product and make any necessary adjustments and repairs.
- Replace any damaged, worn, or broken parts immediately.
- Follow the manufacturer's instructions when changing accessories. Only use accessories approved by the manufacturer.

- When not in use, store the product, battery, and battery charger in a dry, indoor, and locked area. Keep the product, battery, and battery charger out of the reach of children and unauthorized persons.

#### Save these instructions

### 3 ASSEMBLY

This section describes how to assemble and adjust the product.

#### ⚠ WARNING

**DO NOT USE PARTS OR ACCESSORIES THAT ARE NOT RECOMMENDED BY THE MANUFACTURER.**

#### ⚠ WARNING

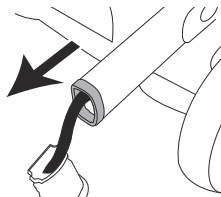
**ENSURE THAT ALL PARTS ARE PROPERLY ASSEMBLED BEFORE INSERTING THE BATTERY.**

#### ⚠ WARNING

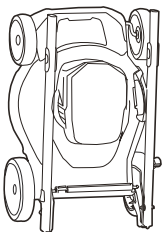
**READ AND UNDERSTAND THE SAFETY CHAPTER AND THE ASSEMBLY INSTRUCTIONS BEFORE YOU ASSEMBLE THE PRODUCT.**

#### 3.1 INSTALL THE UPPER HANDLE

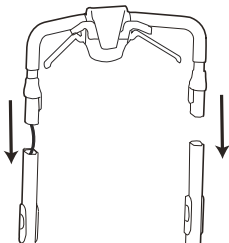
- Remove the rubber edge guard on top of the lower handle and discard it.



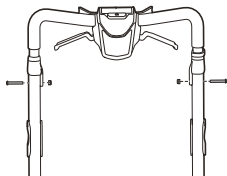
- Next, remove the protective plastic film from the lower handlebars.
- Position the mower in a vertical position to install the upper handle. The upper handle should be at the top of the handle shafts, hanging by a black control cable.



4. Carefully guide the control cable through the shafts while inserting the upper handle into the lower handle.



5. Insert the bolts through the holes and tighten the nuts using a Philips head screwdriver (not included) to secure the handle in place.



**WARNING**

Be careful not to pinch, crimp, or damage the control cable when installing the handle.

### 3.2 REMOVE THE BATTERY PACK

1. Open the battery door.
2. Remove the safety key.
3. Push and hold the battery release button (21).

4. Remove the battery pack from the machine.

## 4 OPERATION

This section describes how to operate the product.

**WARNING**

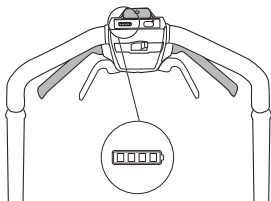
**CAREFULLY READ AND UNDERSTAND THE SAFETY CHAPTER AND OPERATION INSTRUCTIONS BEFORE YOU OPERATE THE PRODUCT.**

### 4.1 BEFORE USING THE PRODUCT

#### 4.1.1 BATTERY CAPACITY INDICATOR

The product has LED lights to indicate the battery level.

1. After installing the battery, the display will show the current battery level.



2. Please refer to the table for battery capacity.

Lights	Capacity
4 Green Lights	The battery is above 80% capacity
3 Green Lights	The battery is between 80% and 60% capacity
2 Green Lights	The battery is between 60% and 40% capacity
1 Green Light	The battery is between 40% and 20% capacity
No Green Light.	The battery is less than 20% capacity and requires charging immediately

#### 4.1.2 CONNECT THE BATTERY CHARGER

1. Connect the battery charger to the proper voltage and frequency that is specified on the rating plate.
2. Refer to the Battery Charger Operator Manual for information about how to use the battery charger.



#### 4.1.3 CHARGE THE BATTERY

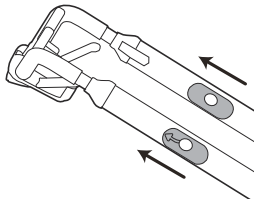
Refer to the Battery Charger Operator Manual for information about how to use the battery charger.

#### 4.1.4 BATTERY INFORMATION

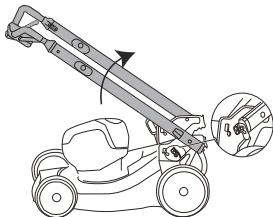
Refer to the Battery Operator Manual for information about how to use the battery.

#### 4.2 ADJUST THE HANDLEBAR POSITION

1. Simultaneously pull the 2 handlebar latches to release the handlebar lock.



2. Lift the handlebar up until it locks into the mounting holes. Adjust to the position that is best suited to your height.

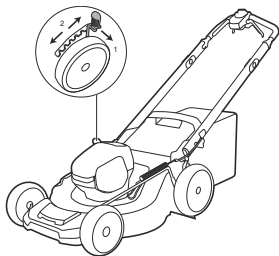


**Note:** Ensure that both handles are in the same position.

#### 4.3 SET THE CUTTING HEIGHT

The product can be set to different cutting height.

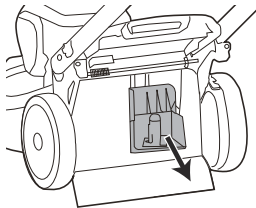
1. Move the cutting height lever out and backward to increase the cutting height.



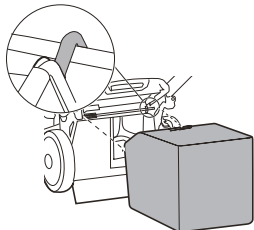
2. Move the cutting height lever out and forward to decrease the cutting height.

#### 4.4 USE THE PRODUCT WITH GRASS CATCHER

1. Lift the rear door and remove the mulch plug.



2. Hold the grass catcher by its handle and attach it securely to the mower using the hooks on the door rod.

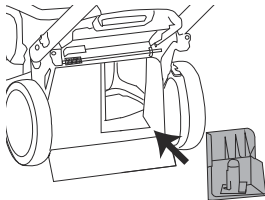


3. Release the rear door so that it rests on top of the grass bag frame.

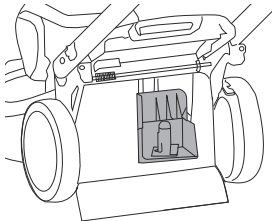
#### 4.5 SWITCH TO MULCHING MODE

Mulching mode cuts grass clippings into smaller pieces and disperses them back onto the lawn. The smaller grass clippings break down and provide natural fertilizer for the lawn. This mode eliminates the need to collect and dispose of grass clippings, making mowing more efficient and environmentally friendly.

1. Lift the rear door and remove the grass bag, if it is installed.
2. Insert the mulch plug into the rear grass chute.



3. Close the rear door and ensure it is pressing against the mulch plug.

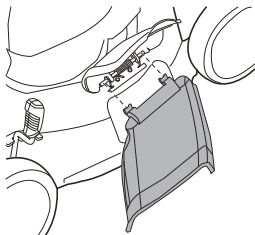


#### 4.6 SWITCH TO SIDE DISCHARGING MODE

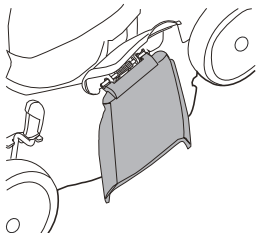
##### ⚠ CAUTION

When using the side discharge chute:

- Do not attach the grass catcher.
  - Ensure that the mulch plug is installed.
1. Locate the side discharge door and lift it open with one hand.
  2. With another hand, attach the side discharge chute by lining up the grooves on the side discharge chute with the pivot located on the underside of the cover.



3. Lower the chute until the hooks on the mower deck are secured in the openings of the chute.



4. Close the side discharge cover.

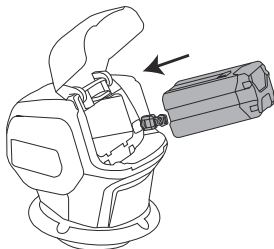
#### 4.7 MOWING WITHOUT A GRASS CATCHER OR MULCH PLUG

- Examine the rear door to make sure that there are no damages, such as cracks.
- If a mulch plug is attached, remove it.
- Close the rear door before you operate the product.

When you operate the product, the grass clippings will discharge below the rear cover.

#### 4.8 CONNECT THE BATTERY TO THE PRODUCT

1. Open the battery door.
2. Align the ribs on the battery with the grooves in the battery compartment.
3. Push the battery into the battery compartment until the battery locks into place.

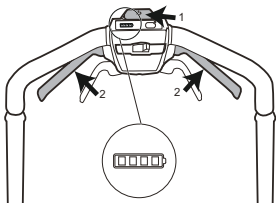


- When you hear a click, the battery is installed.
- Close the battery door.

#### 4.9 START THE PRODUCT

- Make sure safety key is inserted into slot.
- Press and hold the power button. Then, grasp either of the blade activation levers towards the handle bar to engage the blades.

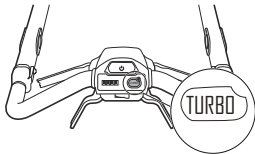
**Note: Complete the two consecutive actions within 5 seconds.**



- Once the product has started, you can release the power button.
- Press the Turbo button to speed up to 3,200 RPM.

#### 4.10 ACTIVATE TURBO BOOST (TEMPORARILY INCREASED CUTTING SPEED)

- Press the turbo button to increase the speed up to 3200 RPM.



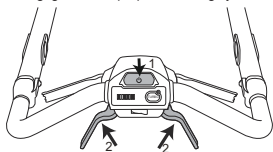
- Release the turbo button to operate at the default cutting speed.

**Note: When using the turbo boost button, the battery will drain faster. Therefore, it is recommended to use the turbo boost button only when necessary.**

#### 4.11 OPERATE THE SELF-PROPELLED DRIVE SYSTEM

##### 4.11.1 SELF-PROPELLED DRIVING SYSTEM

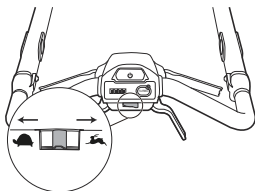
- While holding the blade activation lever, pull either of the drive levers towards the handlebar to engage the self-propelled driving system.



- Release either set of start handle and drive lever from the same side.
- Adjust the speed control with your free hand.

**Note: To sustain self-propelled mowing, continually hold the blade activation lever and drive lever from either the left or right side at the same time.**

- To increase the speed, slide the speed control switch towards the Rabbit Symbol.
- To decrease the speed, pull the speed control switch towards the Turtle Symbol.



- Release the drive lever to disengage the self-propelled driving system.

##### 4.11.2 OPERATE WITHOUT MOWING

To engage the self-propelled driving system while the mower is not running:

- Press and hold the power button, then pull either of the drive levers towards the handlebar.

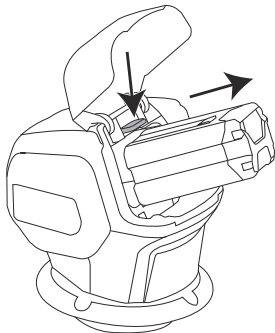
**Note:** Complete the two consecutive actions within 5 seconds.

#### 4.12 LED HEADLIGHTS

1. The LED headlights will turn on when the device is switched on and will switch off when the device is switched off.

#### 4.13 STOP THE PRODUCT

1. Release the blade activation lever(s) to stop the product.
2. Open the battery door.
3. Press the battery release button to remove the battery.



**WARNING**

**WAIT UNTIL THE BLADE HAS COMPLETELY STOPPED BEFORE RESTARTING THE PRODUCT. DO NOT QUICKLY TURN THE PRODUCT OFF AND ON.**



**WARNING**

**ALWAYS TAKE OUT BATTERY AFTER FINISHING THE TASK.**

#### 4.14 RECOMMENDATIONS FOR EFFECTIVE LAWN MOWING

- Always use a sharp blade when mowing, as a dull blade can result in an uneven cut and cause the grass to turn yellow. Additionally, a sharp blade uses less energy than a dull one.
- Limit the amount of grass you cut to no more than one-third of its height. Start with a high cutting height and adjust it lower as needed after examining

the results. If the grass is very long, mow slowly and consider making 2 passes if necessary.

- Vary the cutting direction each time you mow to prevent creating visible lines or stripes in the lawn.
- Keep the rear cover of the mower clean. Accumulation of grass and dirt on the inner side of the cutting cover can reduce the effectiveness of the cut.

## 5 MAINTENANCE

**i** IMPORTANT

Carefully read and understand the safety regulations and the maintenance instructions before you clean, repair, or do any maintenance on the product (Reference Safety regulations and maintenance instructions).

**⚠** WARNING

- REMOVE BATTERY OR BATTERIES FROM THE PRODUCT BEFORE YOU DO ANY MAINTENANCE.
- FAILURE TO FOLLOW PROPER MAINTENANCE SERVICE, USING THIRD-PARTY REPLACEMENT PARTS, OR MODIFYING/REMOVING COMPONENTS CAN RESULT IN INJURY TO THE USER.

## 5.1 MAINTENANCE SCHEDULE

The maintenance intervals are calculated from daily use of the product. The intervals change if the product is not used daily.

	Each use	Monthly	Each season
Perform a general inspection of the product.	x		
Clean the product.	x		
Ensure that safety devices are not defective.	x		
Inspect the cutting equipment.	x		
Inspect the cutting deck.	x		
Inspect the blade engagement lever.	x		
Check that the power button is working correctly and not defective.	x		
Examine the battery for any damage.	x		
Ensure that the battery is charging properly.	x		
Check that the release buttons on the battery are working properly and that the battery locks into the product securely.	x		
Inspect the battery charger for any damage and ensure it is operating correctly.		x	
Check the connections between the battery and the product, as well as the connection between the battery and the battery charger.			x

## 5.2 GENERAL INSPECTION

- Check and tighten all nuts and screws on the product.
- Make sure to properly route and secure all cables to prevent them from being damaged.

## 5.3 CLEAN THE PRODUCT

Clean the product after each use with water, neutral detergent, and a soft cloth.

**⚠ CAUTION**

- KEEP WATER AWAY FROM BATTERY COMPARTMENT WHILE WASHING TO AVOID DAMAGING THE ELECTRICAL COMPONENTS.
- DO NOT CLEAN WITH ALCOHOL, GASOLINE, ACETONE, OR OTHER CORROSIVE/VOLATILE SOLVENTS. THESE SUBSTANCES MAY DAMAGE THE EXTERNAL AND INTERNAL STRUCTURE OF YOUR MOWER.
- DO NOT RUB WITH SANDPAPER OR METAL BRUSH.

#### 5.4 CLEAN THE BATTERY AND BATTERY CHARGER

**⚠ WARNING**

DO NOT CLEAN THE BATTERY OR THE BATTERY CHARGER WITH WATER.

- Make sure that the battery and the battery charger and battery compartment are all clean and dry before you insert the battery into the battery charger.
- Clean the battery terminals with a soft and dry cloth.
- Clean the surface of the battery and the battery charger with a soft and dry cloth.

#### 5.5 EXAMINE THE CUTTING EQUIPMENT

**⚠ WARNING**

TO PREVENT ACCIDENTAL START, ALWAYS REMOVE THE BATTERY AND WAIT FOR AT LEAST 5 SECONDS.

**⚠ WARNING**

WEAR HEAVY-DUTY PROTECTIVE GLOVES WHEN PERFORMING MAINTENANCE ON THE CUTTING EQUIPMENT. THE BLADE IS SHARP AND INJURIES CAN EASILY OCCUR.

**Note:** Make sure that both handlebar shafts are properly inserted into the mounting holes at the base of the mower. Ensure the shafts are in the same position.

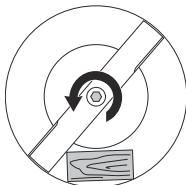
- Examine the cutting equipment for damage or cracks. Always replace damaged cutting equipment.
- Inspect the blade to see if it is damaged or blunt.

#### 5.5.1 REPLACE THE BLADES

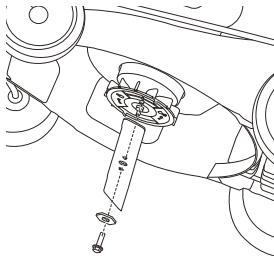
**⚠ WARNING**

Securely lock the blade in place using a wooden block to prevent any potential harm to your fingers when replacing the blade. The blade can be moved when the motor is off and fingers can become trapped between the blade and stationary parts.

1. Lock the blade with a block of wood.



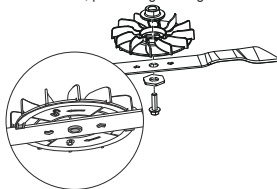
- Remove the mounting screw and spacer with a wrench or socket.
- Carefully remove the blade.



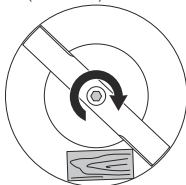
- Inspect the blade support and blade bolt for any damage.
- Examine the motor shaft to make sure that it is not bent.

#### Install the New Blades

- Reinstall the fan, followed by the new blade, positioning the angled ends downward.



- Ensure that the keyed holes on the blade align with the indentations on the fan.
- Secure the blade using a wooden block for stabilization. Insert the spacer and tighten the mounting screw to the recommended torque 24-27 ft.-lbs. (33-37 N.m.).



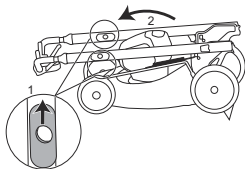
- Carefully rotate the blade manually to ensure smooth spinning.
- Start the product and test the blade to verify proper installation. Incorrect installation can result in vibrations or unsatisfactory cutting performance.

## 6 TRANSPORTATION, STORAGE, AND DISPOSAL

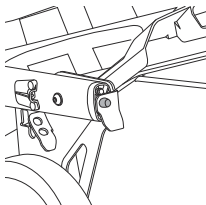
### 6.1 SET THE PRODUCT IN TRANSPORTATION POSITION

- Remove the grass catcher.
- Remove the battery.

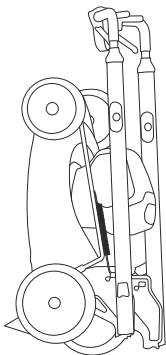
3. Pull the handlebar latch to fold the handles.



4. Lock the handles into position.



5. Position the mower in a vertical position and make sure that the brackets touch the floor.



## 6.2 TRANSPORTATION

- Any removable (electronic) parts, such as the charger and battery, should always be disconnected before transport.
- Avoid transporting the product in bad weather conditions when possible.

- Make sure to adequately cover any exposed electronic parts if transportation in adverse weather conditions is unavoidable.
- Use tape on open contacts of the battery and ensure it is securely stowed to prevent movement.
- High speeds, along with wind, and rain may force moisture into the electronic components, which can lead to temporary malfunctions or permanent defects.
- In case of malfunction occurring after transport in such conditions, remove the battery and allow all parts to air-dry when you reach your destination.

## 6.3 DISPOSAL OF THE BATTERY, BATTERY CHARGER, AND PRODUCT

Symbols on the product or the package of the product mean that the product is not domestic waste. Recycle it at a recycling station for electrical and electronic equipment. This helps to prevent damage to the environment and persons.

Get in touch with your local authorities, domestic waste service, or your dealer for more information about how to recycle your product.



## 7 TROUBLESHOOTING

Problem	Possible cause	Solution
The handle is not in position.	The bolts are not engaged correctly.	Adjust the height of the handle and make sure that the bolts and nuts are aligned correctly.
The product does not start.	The battery capacity is low.	Charge the battery.
	The blade engagement lever is defective.	Replace blade engagement lever.
The product cuts grass unevenly.	The blade height is too low.	Move the wheels to a higher position.
The product does not mulch correctly.	Wet grass clippings become tangled in the deck.	Wait until the grass dries before mowing.
	The mulch plug is missing.	Install the mulch plug.
The product is hard to push.	The grass is too tall, or the blade height is too low.	Increase the blade height.
	The grass catcher and the blade drags in thick grass.	Empty the grass clippings from the grass catcher.
There is a high vibration in the product.	The blade is unbalanced and worn.	Replace the blade.
	The motor shaft is bent.	<ol style="list-style-type: none"> <li>1. Stop the motor.</li> <li>2. Remove the battery.</li> <li>3. Disconnect the power source.</li> <li>4. Inspect for damage.</li> <li>5. Repair the product before you start it again.</li> </ol>
The product stops during mowing.	The blade height is too low.	Increase the blade height.
	The battery is out of power.	Charge the battery.
	The grass clippings become tangled in the deck or blade.	Remove the battery and check the deck.
	Operation temperature of the product is too high.	Turn off and move to shaded area for 10-15 minutes.

\* If you cannot find the solution to these problems, consult your nearest service center.

## 8 TECHNICAL DATA

Voltage	80 V
Deck size	21"
Battery model	BAB742 and other BAB series
Charger model	CAB813 and other CAB series
No load speed	2800 RPM / 3200 RPM (Turbo) RPM

Height adjustments	1-3/8 - 4" (3.5 - 10.2 cm)
Self-propelled speed	1.9-5.0 fps (0.6-1.5 m/s)
Functions	Mulch & Rear Bag & Side discharge & Turbo

**9 LIMITED WARRANTY**

TECNOLOGIA CAMPO Y JARDIN S.A. DE C.V.

ADMINISTRADORES No. 5336 A, COL. ARCOS DE  
GUADALUPE, ZAOPAN , JALISCO , C.P. 45037**90-Day Warranty**

Renewed/Refurbished products and batteries are protected against all defects in materials, parts or workmanship under normal use for a period of 90 days from the shipping date or in-store purchase date. All sales are final, no returns.

**ITEMS NOT COVERED BY WARRANTY:**

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

**HELPLINE:**

Warranty service is available by calling our toll-free helpline, at 1-855-345-3934.

**TRANSPORTATION CHARGES:**

Transportation charges for the movement of any power equipment unit or attachment are the responsibility of the purchaser. It is the purchaser's responsibility to pay transportation charges for any part submitted for replacement under this warranty unless such return is requested in writing by Greenworks.

**USA address:**

Greenworks Tools

P.O. Box 1238, Mooresville, NC 28115

**Canadian address:**

Greenworks Tools Canada, Inc.

P.O. Box 93095, Newmarket, Ontario, L3Y 8K3

**Mexico address:**

# greenworks<sup>®</sup>

[www.greenworkstools.com](http://www.greenworkstools.com)



P0805346-00