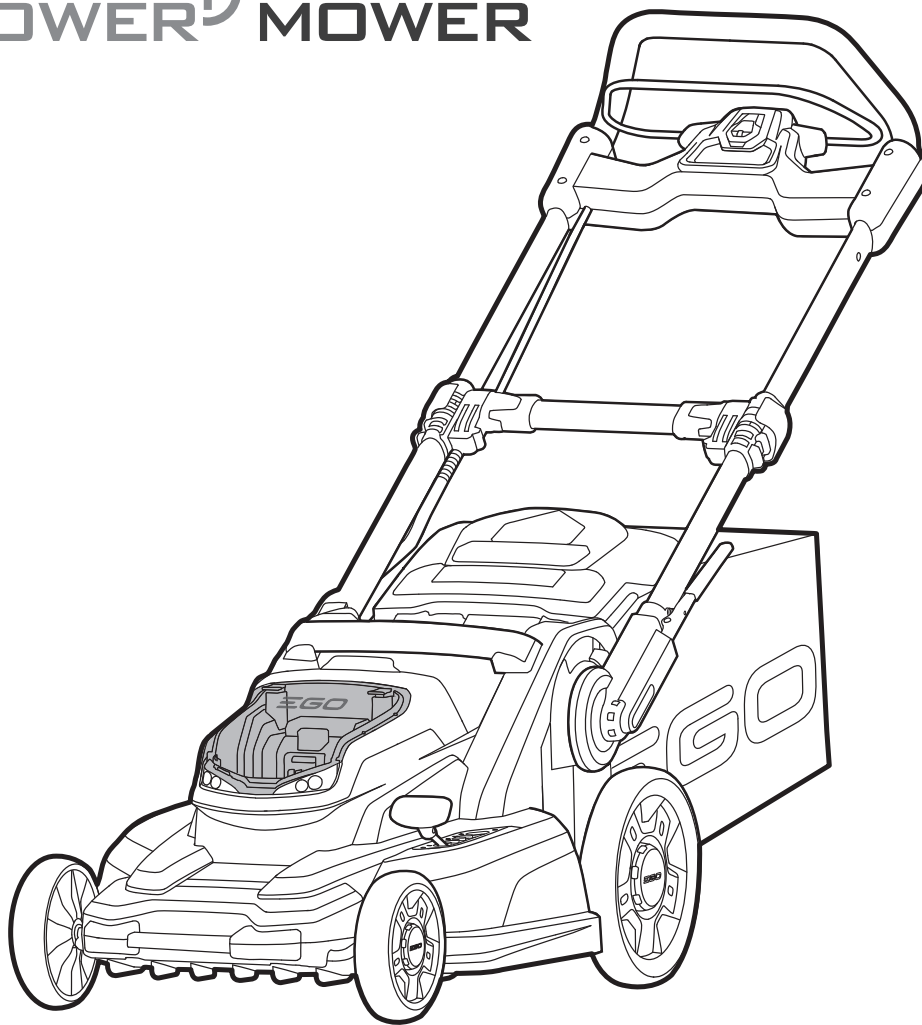


EGOTM

POWER⁺ MOWER



OPERATING MANUAL **56-VOLT LITHIUM-ION CORDLESS MOWER**

MODEL NUMBER LM2000E



WARNING: To reduce the risk of injury, the user must read and understand the Operator's Manual before using this product. Save these instructions for future reference.



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READ ALL INSTRUCTIONS!



READ & UNDERSTAND INSTRUCTION MANUAL

This mower has many features for making its use more pleasant and enjoyable. Safety, performance, and dependability have been given top priority in the design of this product making it easy to maintain and operate.

⚠ DANGER! People with electronic devices, such as pacemakers, should consult their physician(s) before using this product. Operation of electrical equipment in close proximity to a heart pacemaker could cause interference or failure of the pacemaker.

⚠ WARNING: To ensure safety and reliability, all repairs should be performed by a qualified service technician.

SAFETY SYMBOLS

The purpose of safety symbols is to attract your attention to possible dangers. The safety symbols and the explanations with them deserve your careful attention and understanding. The symbol warnings do not, by themselves, eliminate any danger. The instructions and warnings they give are no substitutes for proper accident prevention measures.

⚠ WARNING: Be sure to read and understand all safety instructions in this Operator's Manual, including all safety alert symbols such as **"DANGER," "WARNING,"** and **"CAUTION"** before using this tool. Failure to following all instructions listed below may result in electric shock, fire, and/or serious personal injury.

SYMBOL MEANING



SAFETY ALERT SYMBOL: Indicates **DANGER, WARNING, OR CAUTION**. May be used in conjunction with other symbols or pictographs.



⚠ WARNING: The operation of any power tools can result in foreign objects being thrown into your eyes, which can result in severe eye damage. Before beginning power tool operation, always wear safety goggles or safety glasses with side shields and a full face shield when needed. We recommend a Wide Vision Safety Mask for use over eyeglasses or standard safety glasses with side shields. Always use eye protection complying with Australian Standards AS1337.1 2010.

SAFETY INSTRUCTIONS

This page depicts and describes safety symbols that may appear on this product. Read, understand, and follow all instructions on the machine before attempting to assemble and operate.

	Safety Alert	Precautions that involve your safety.
	Wear Eye Protection	Always wear safety goggles or safety glasses with side shields and a full face shield when operating this product.
	WARNING: Read operator's manual	To reduce the risk of injury, user must read and understand operator's manual before using this product.
	Beware of Sharp Blades.	Blades continue to rotate after the motor is switched off – Remove disabling device before maintenance. Switch off and remove detachable battery pack(or disabling device) before adjusting or cleaning.
	Keep Bystanders Away	Ensure that other people and pets remain at least 30m away from the mower when it is in use.
	Class II Construction	Double-insulated Construction.
	Do Not Expose To Moisture	Do not use in the rain or leave outdoors while it is raining.

V	Volt	Voltage
A	Amperes	Current
Hz	Hertz	Frequency (cycles per second)
W	Watt	Power
min	Minutes	Time
~	Alternating Current	Type of current
≡	Direct Current	Type or a characteristic of current
n_0	No Load Speed	Rotational speed, at no load
... /min	Per Minute	Revolutions per minute

SAFETY RULES FOR CORDLESS LAWN MOWER

⚠ DANGER: This machine was built to be operated according to the rules for safe operation included in this manual. As with any type of power equipment, carelessness or error on the part of the operator can result in serious injury. This machine is capable of amputating hands and feet and throwing objects. Failure to observe all safety instructions could result in serious injury or death.

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

IMPORTANT

READ CAREFULLY BEFORE USE.

KEEP FOR FUTURE REFERENCE.

PERSONAL SAFETY

Tragic accidents can occur if operator is not alert to the presence of children. Children are often attracted to the mower and mowing activity. They do not understand the dangers. Never assume that children will remain where you last saw them.

- Keep children out of the mowing area and under the watchful care of a responsible adult other than the operator.
- Be alert and turn the mower off if a child enters the area.
- Use extreme care when approaching blind corners, doorways, shrubs, trees, or other objects that may obscure your vision of a child who may run into the mower.
- Never allow children or the persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge to operate the power mower. Unless they have been given supervision or instruction concerning use of the tool by a person responsible for their safety.
- Children should be supervised to ensure that they are not playing with the mower.
- Do not tilt the mower when switching on the motor, except if the mower has to be tilted for starting. In this case, do not tilt it more than absolutely necessary and lift only the part which is away from the operator. Always ensure that both hands are in the operating position before returning the mower to the ground.
- Never pick up or carry the mower while the motor is running.
- Always turn the mower off when removing the battery pack from the tool. Stop the blade(s) if the appliance has to be tilted for transportation when crossing surfaces other than grass, and when transporting the appliance to and from the area to be mowed.

OPERATION

General Operation:

- Read this operator's manual carefully in its entirety before attempting to assemble this machine. Read, understand, and follow all instructions on the machine and in the manuals before operation. Be completely familiar with the controls and proper use of this machine before operating it. Keep this manual in a safe place for future and regular reference and for ordering replacement parts.

- Keep in mind that the operator or user is responsible for accidents or hazards occurring to other people or their property.
- Use the right appliance – Do not use the lawn mower for any job except that for which it is intended.
- Don't overreach – Keep proper footing and balance at all times.
- 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.
- Keep the area of operation clear of all persons, particularly small children, and pets. Never mow while people, especially children, or pets are nearby.
- Before and while moving backwards, look behind and down for small children and other people.
- Do not put hands or feet near or under rotating parts. For rotary mowers, keep clear of the discharge opening at all times.
- This machine is a precise piece of power equipment, not a plaything. Therefore, exercise extreme caution at all times. Your unit has been designed to perform one job: to mow grass. Do not use it for any other purpose.
- Don't force the lawn mower – it will do the job better and more safely at the rate for which it was designed.
- Before using, always visually inspect to see that the blades, blade bolts and cutter assembly are not worn or damaged. Replace worn or damaged blades and bolts and any other components in sets to preserve balance. Replace damaged or unreadable labels.
- Use extreme caution when reversing or pulling the appliance towards you.
- Thoroughly inspect the area where the equipment is to be used. Remove all stones, sticks, wire, toys and other foreign objects that could be tripped over or picked up and thrown by the blade. Thrown objects can cause serious personal injury. Plan your mowing pattern to avoid discharge of material toward roads, sidewalks, bystanders and the like. Also, avoid discharging material against walls or obstructions, which may cause discharged material to ricochet back toward the operator.
- To help avoid blade contact or an injury from thrown objects, stay in the operator zone behind the handles and keep children, bystanders, helpers and pets at least 30m from the mower while it is in operation. Stop the machine if anyone enters the area.
- Always wear safety glasses or safety goggles during operation and while performing an adjustment or repair to protect your eyes. Thrown objects that ricochet can cause serious injury to the eyes. Always use a face or dust mask if the operation is dusty.
- 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. Wear sturdy, rough-soled work shoes and close-fitting slacks and shirts. Shirts and pants that cover the arms and legs and steel-toed shoes are recommended. Never operate this machine in bare feet, sandals, slippery or lightweight (e.g., canvas) shoes.
- Do not put hands or feet near rotating parts or under the cutting deck. Contact with the blade can amputate hands and feet.
- A missing or damaged discharge cover can cause blade contact or injuries from thrown objects.
- Many injuries occur as a result of the mower being pulled over the foot during a fall caused by slipping or tripping. Do not hold onto the mower if you are falling; release the handle immediately.

- Never pull the mower back toward you while you are walking. If you must back the mower away from a wall or obstruction first look down and behind to avoid tripping and then following these steps:
 - Step back from mower to fully extend your arms.
 - Be sure you are well balanced with sure footing.
 - Pull the mower back slowly, no more than half way toward you.
 - Repeat these steps as needed.
- Do not operate the mower while under the influence of alcohol or drugs.
- Never operate the appliance with defective guards or shields, or without safety devices, for example deflectors and/or grass catchers, in place.
- Stay alert – watch what you are doing. Use common sense. Do not operate the lawn mower when you are tired.
- The motor/blade control handle is a safety device. Never attempt to bypass its operation. Doing so makes the safety device inoperative and may result in personal injury through contact with the rotating blade. The motor/blade control handle must operate easily in both directions and automatically return to the disengaged position when released.
- Avoid dangerous environments – Don't use lawn mowers in damp or wet locations.
- Don't use in rain.
- Always be sure of your footing. A slip and fall can cause serious personal injury. If you feel you are losing your footing, release the motor/blade control handle immediately and the blade will stop rotating within three seconds.
- Mow only in daylight or good artificial light. Walk, never run while operating.
- Stop the blade when crossing gravel drives, walks or roads.
- If the equipment should start to vibrate abnormally, stop the motor and check immediately for the cause. Vibration is generally a warning of trouble.
 - Inspect for damage;
 - Replace or repair any damaged parts;
 - Check for and tighten any loose parts.
- Stop the mower, and remove the disabling device. Make sure that all moving parts have come to a complete stop:
 - Whenever you leave the machine;
 - Before clearing a blockage;
 - Before checking, cleaning or working on the appliance;
 - After striking a foreign object. Inspect the appliance for damage and make repairs as before restarting and operating the machine;
 - If the appliance starts to vibrate abnormally (check immediately).
- Never operate the mower without the proper trailing shield, discharge cover, grass bag, mulching insert, side discharge chute, motor/blade control handle or other safety protective devices in place and working. Never operate the mower with damaged safety devices. Failure to do so can result in personal injury.
- If situations occur that are not covered in this manual, use care and good judgment. Contact EGO Customer Service for assistance.

- Use only with the battery packs and chargers listed below:

BATTERY PACK	CHARGER
BA2240E	CH5500E
BA1120E	CH2100E

OPERATION ON A SLOPE:

Slopes are a major factor related to slip-and-fall accidents, which can result in severe injury. Always be sure of your footing on slopes. Operation on slopes requires extra caution. If you feel uneasy on a slope, do not mow it. For your safety, use the slope gauge on page 24 to measure slopes before operating this unit on a sloped or hilly area. If the slope is greater than 15 degrees, do not mow it.

Do:

- Mow across the face of slopes; never mow up and down. Exercise extreme caution when changing direction on slopes.
- Watch for holes, ruts, rocks, hidden objects, or bumps which can cause you to slip or trip. Tall grass can hide obstacles.

Do not:

- Do not mow near drop-offs, ditches or embankments; you could lose your footing or balance.
- Do not mow slopes greater than 15 degrees, as shown on the slope gauge.
- Do not mow on wet grass. Unstable footing could cause slipping.

SERVICE

⚠ WARNING: Grass bag components, the discharge cover, side discharge chute, mulching insert and trailing shield are subject to wear and damage, which could expose mowing parts or allow objects to be thrown and could increase the risk of injury. For safety protection, frequently check all components and replace damaged components immediately with identical replacement parts, listed in this manual.

- If the mower's built-in overload protection switch frequently trips, contact EGO Customer Service or your closest EGO service center.
- Do not wash the mower with a hose; avoid getting water in the motor and electrical connections.
- Remove the key and store the idle lawn mower indoors when not in use. Allow the motor to cool before storing in any enclosure. The lawn mower should be stored in a dry, high, or locked-up enclosure, out of reach of children.
- When servicing, use only identical replacement parts listed in this manual. Use of parts that do not meet the original equipment specifications may lead to improper performance and compromised safety.
- Remove or disconnect the battery pack before servicing, cleaning, or removing material from the lawn mower.
- Follow instructions for lubricating and changing accessories.
- Keep handles dry, clean and free from oil and grease.
- To reduce a fire hazard, keep the motor cover free of grass, leaves and debris build-up.
- Check the blade and motor mounting bolts at frequent intervals for proper tightness. Also, visually inspect the blade for damage (e.g., bending, cracking and wear.). Replace the blade only with the identical replacement blade, listed in this manual.

- Maintain your mower with care – keep the mower blade sharp and clean for the best and safest performance. Mower blades are sharp and can cut. Wrap the blade or wear gloves and use extra caution when servicing it.
- Keep all nuts, bolts, and screws tight to be sure the equipment is in safe working condition.
- Never remove or tamper with safety devices. Regularly check their proper operation. Never do anything to interfere with the intended function of a safety device or to reduce the protection provided by a safety device.
- Always stop the motor before making adjustments to a wheel or a cutting-height adjustment.
- After striking a foreign object, stop the motor, remove the key, and thoroughly inspect the mower for any damage. Repair the damage before operating the mower.
- Maintain or replace safety and instruction labels, as necessary.
- **SAVE THESE INSTRUCTIONS.** Refer to them frequently and use them to instruct others who may use this tool. If you loan this tool to someone else, also loan these instructions to them to prevent misuse of the product and possible injury.

BATTERY USE AND CARE

- The battery pack must be removed from the mower before it is scrapped.
- To preserve natural resources, please recycle or dispose of batteries properly. This product contains lithium-ion batteries. Local, state, or federal laws may prohibit disposal of lithium-ion batteries in ordinary trash. Consult your local waste authority for information regarding available recycling and/or disposal options.
- Upon removal of the battery pack for disposal or recycling, cover the battery pack's terminals with heavy-duty adhesive tape. Do not attempt to destroy or disassemble the battery pack or remove any of its components. Lithium-Ion batteries, must be recycled or disposed of properly. Also, never touch the terminals with metal objects and/or body parts as a short circuit may result. Keep away from children. Failure to comply with these warnings could result in fire and/or serious injury.
- Never using non-rechargeable batteries.
- **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.



INTRODUCTION

Congratulations on your selection of a new generation of 56V Lithium-ion powered lawn mower. 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 EGO customer service center 1300 000 EGO (1300 000 346).

This manual contains important information on to the safe assembly, operation and maintainance of your mower. Read it carefully before using the mower. Keep this manual handy so you can refer to it at any time.


SERIAL
NUMBER _____

DATE OF
PURCHASE _____

THE MODEL AND SERIAL NUMBERS WILL BE FOUND
ON A LABEL ATTACHED ON THE REAR DISCHARGE
DOOR.

YOU SHOULD RECORD BOTH SERIAL NUMBER AND
DATE OF PURCHASE AND KEEP IN A SAFE PLACE FOR
FUTURE REFERENCE

SPECIFICATIONS

Voltage	56V 
No-Load Speed	3300/min
Cutting Height	25mm to 80mm
Cutting Height Positions	5
Deck Size	49cm
Grass Bag Volume	60L
Mower Weight (Without battery pack; with grass bag)	26.2kg
Blade Model	AB2000

ASSEMBLY

⚠ WARNING: To prevent accidental starting that could cause serious personal injury, always remove the safety key and the battery pack from the tool when assembling parts.

⚠ WARNING: Do not attempt to modify this tool or create accessories not recommended for use with this mower. Any such alteration or modification is misuse and could result in a hazardous condition leading to serious injury.

UNPACKING

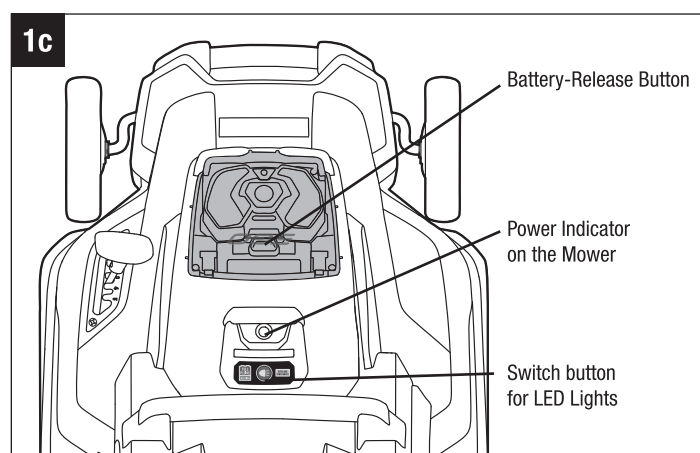
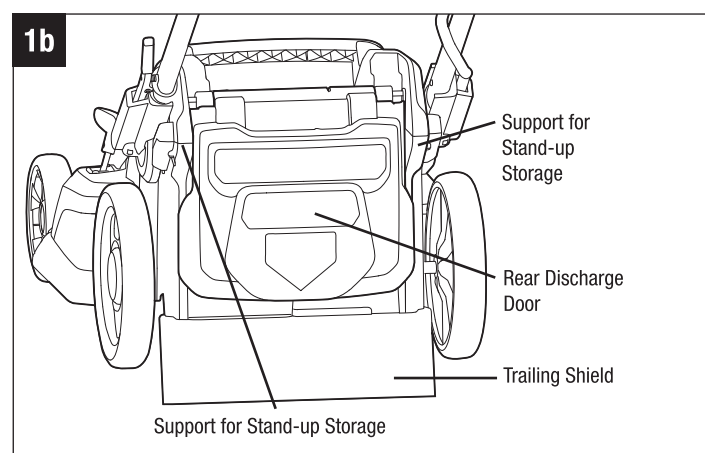
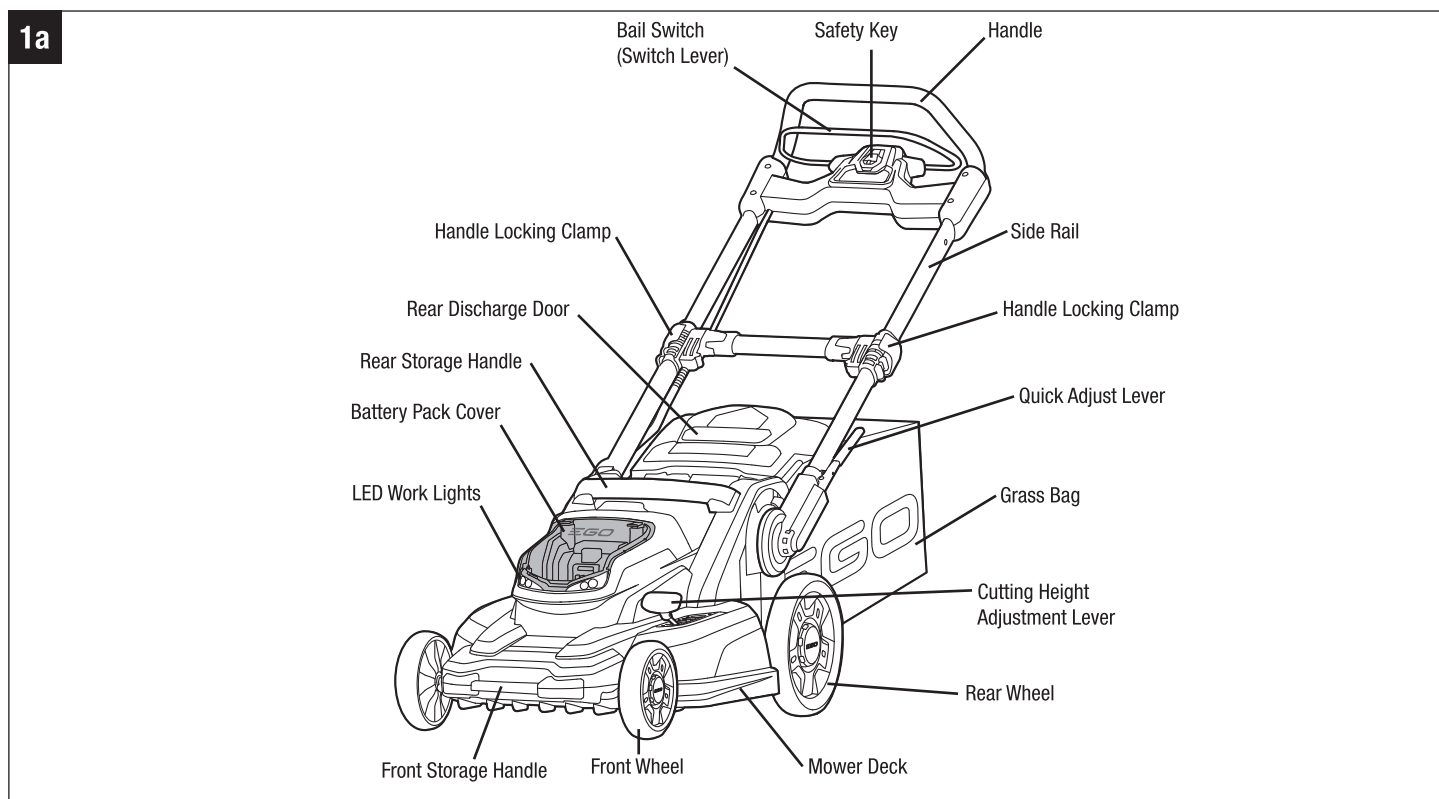
- Take all the accessories from the carton first, then grasp the front storage handle and rear storage handle at the same time to carefully lift the mower from the carton. Make sure that all items listed in the parts list are included.
- Inspect the product carefully to make sure no breakage or damage occurred during shipping.
- Do not discard the packing material until you have carefully inspected and satisfactorily operated the mower.
- If any parts are damaged or missing, please return the mower to the place of purchase.

PACKING LIST

PART NAME	QUANTITY
Lawn mower	1
Grass bag	1
Grass bag frame	1
Mulching insert	1
Side discharge chute	1
Safety key	1
Operator's manual	1

DESCRIPTION

KNOW YOUR MOWER (Fig. 1a, 1b, 1c & 1d)



⚠ WARNING: The safe use of this product requires an understanding of the information on the tool and in this operator's manual, as well as knowledge of the project you are attempting. Before use of this product, familiarize yourself with all operating features and safety rules.

SAFETY KEY

The key must be present and inserted before the motor can be started.

BAIL SWITCH

The bail switch is located on the upper handle of the mower. The switch engages and disengages the motor/blade.

⚠ WARNING: The bail switch and the key are safety devices. Never attempt to bypass their operations.

ELECTRIC BRAKE

Quickly stops blade rotation when the bail switch is released.

HANDLE-LOCKING CLAMP

Locks/unlocks the side rails in the extended or the recessed position.

SIDE RAILS

Can be extended and locked for operation or recessed for storage.

QUICK-ADJUST LEVER

Locks/unlock the handle when adjusting the angle of the mower handle:

1. Locked Storage Position
2. Grass Bag Attachment/Removal Position
3. Upper Operating Position
4. Lower Operating Position

TRAILING SHIELD & REAR DISCHARGING DOOR

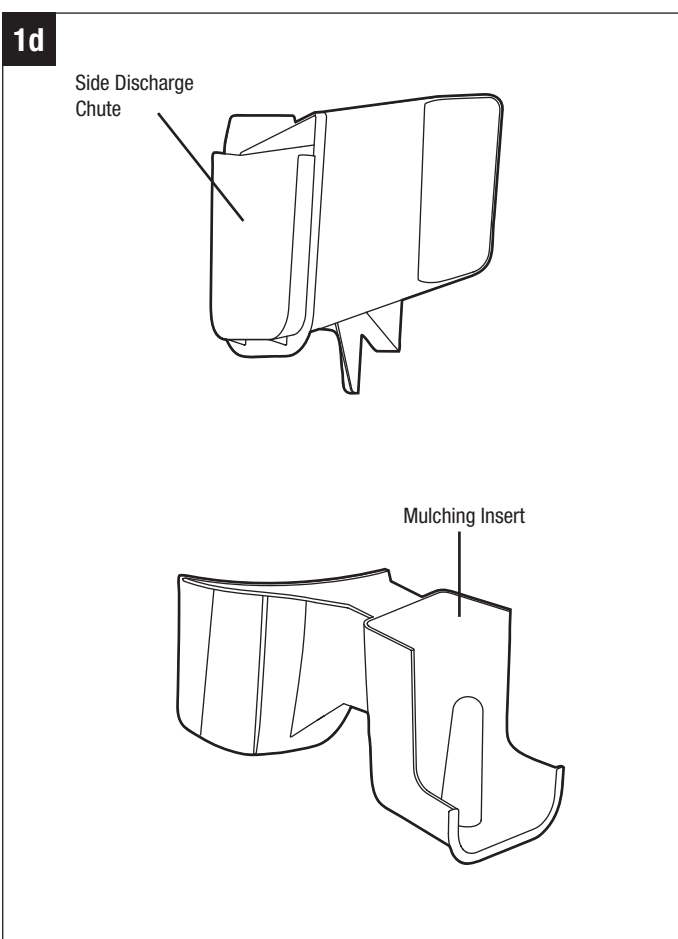
The trailing shield is designed to minimize stones or other objects being thrown backward by the mower blade. The shield and the rear door, minimize the possibility of accidental foot contact with the blade. DO NOT operate the mower without the trailing shield and rear door in place.

LED WORK LIGHTS

The LED work lights are located in the front of the mower. This feature provides extra light for increased visibility.

SPRING-LOADED CUTTING HEIGHT ADJUSTMENT LEVER

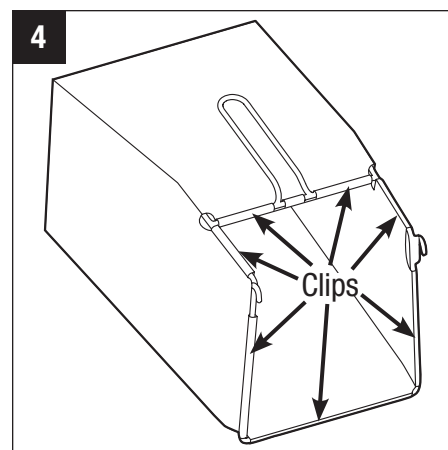
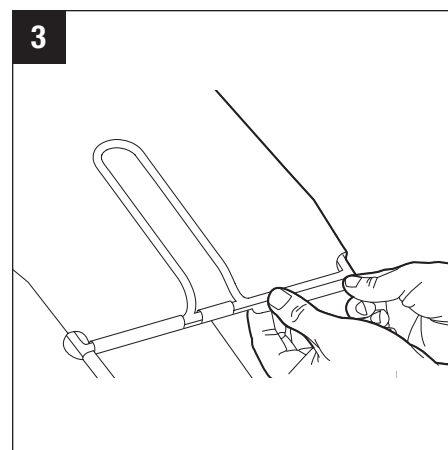
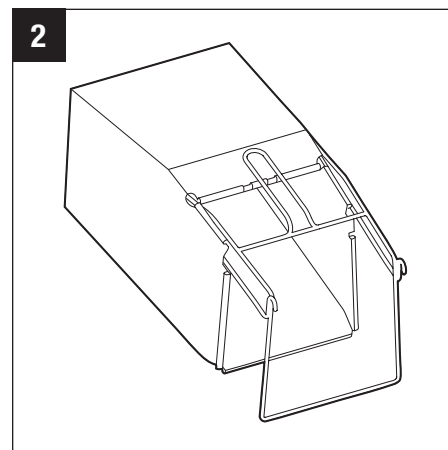
One handed cutting height adjustment



OPERATION

ASSEMBLING THE GRASS BAG

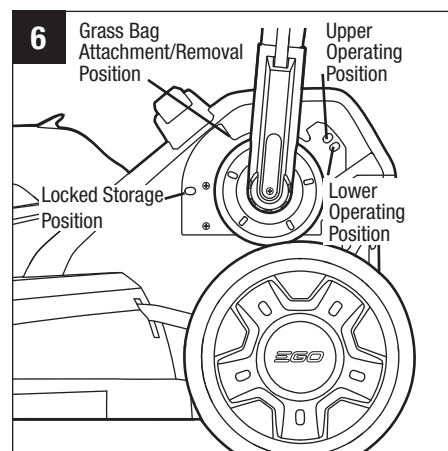
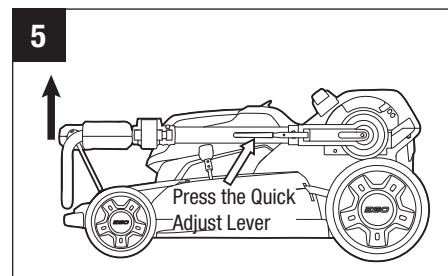
1. Check the grass bag before assembling to make sure there is no damage.
2. Slide the grass bag onto the frame (Fig. 2).
3. Assemble the top clips to the frame (Fig. 3), then assemble the two side clips. Assemble the bottom clip last.
4. The completely assembled grass bag is shown in Fig. 4.



ADJUSTING THE FOLDABLE HANDLE

⚠ WARNING: Do not attempt to start the mower until the handle has been locked at one of the two preset operating positions.

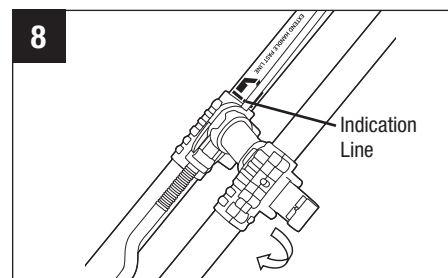
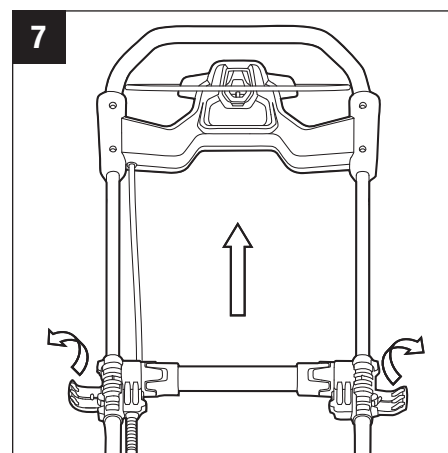
1. **LOCKED STORAGE POSITION:** Your mower is shipped with the handle in the compact, locked position (Fig. 5).
2. **GRASS BAG ATTACHMENT/REMOVAL POSITION:**
Press and hold the quick-adjust lever with your right hand to release the handle from the locked storage position. Begin to lift the handle from its folded position with your left hand, and then release the lever (Fig. 5). Gently pivot the handle upward until you hear and feel the lock pin engage in the first position (Fig. 6.) This position allows easy access to install and remove the grass bag.



OPERATING POSITIONS

NOTE: The motor cannot be started unless:

- a) the side rails are fully extended
 - b) both green handle-locking clamps are securely closed
 - c) the handle is locked into one of the operating positions
3. **UPPER OPERATING POSITION:** Lift the handle with your left hand. Gently pivot the handle backward until you hear and feel the lock pin engage in the Upper Operating Position. Fully extend the side rails and securely close the two handle-locking clamps (Fig. 7 & 8). Taller users may prefer this position.
 4. **LOWER OPERATING POSITION:** Press and hold the quick-adjust lever with your left hand to release the handle from the upper operating position. Begin to lower the handle with your right hand, and then release the lever. Gently pivot the handle downward until you hear and feel the lock pin engage in the Lower Operating Position. Fully extend the side rails and securely close the two handle-locking clamps (Fig. 7 & 8).



ATTACHING/REMOVING THE GRASS BAG

⚠ WARNING: Do not at any time make any adjustment to the lawn mower without first stopping the motor and removing the safety key.

NOTICE: Remove the mulching insert or side discharge chute before attaching the grass bag on the mower;

1. Adjust the handle to the Grass Bag Attachment/Removal Position (please see **ADJUSTING THE FOLDABLE HANDLE**).
2. Lift the rear discharge door.
3. Hook the grass bag assembly on the pivot rod (Fig. 9). Release the discharge door so that it rests on the grass bag.
4. To remove the grass bag, lift the rear discharge door on the mower. Lift the grass bag up, off of the pivot rod.

NOTICE: The grass will escape from the grass bag when the bag is full. Remove and clear the grass bag as soon as possible.

5. Release the discharge door.

⚠ WARNING: When using the grass bag, never operate the mower unless the hooks on the grass bag are firmly seated on the pivot rod and the rear discharge door rests firmly against the top of the grass bag.

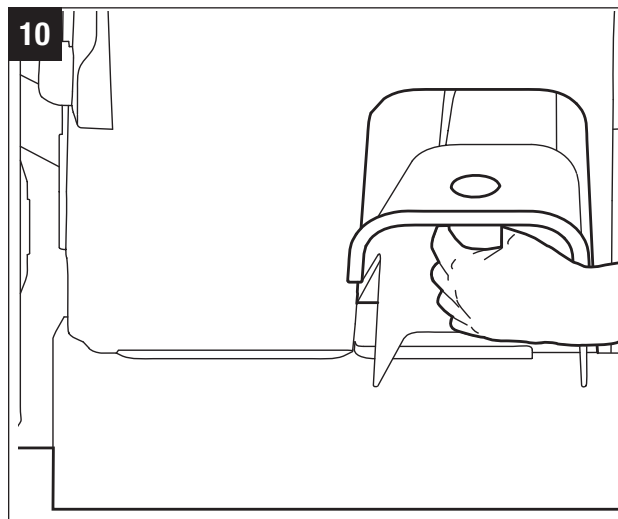
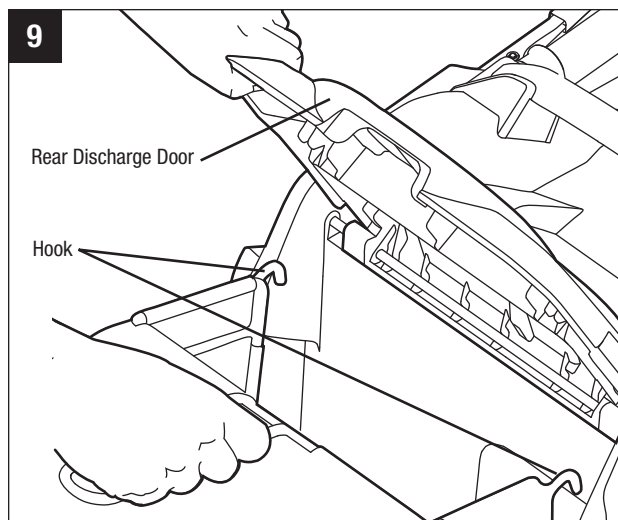
NOTICE: Under normal usage, bag material is subject to wear. To reduce the risk of injury, frequently inspect the bag assembly and replace if there are any signs of wear or deterioration. Use only grass bags manufactured for this mower.

ATTACHING/REMOVING THE MULCHING INSERT

⚠ WARNING: Do not at any time make any adjustment to the lawn mower without first stopping the motor and removing the safety key.

1. Lift the rear discharge door.
2. Grasp the handle of the mulching insert and fully insert it into the mower so that it is securely seated (Fig. 10).
3. To remove the mulching insert, lift the rear discharge door, grasp the handle of the mulching insert and pull it out.
4. Release the discharge door and make sure it rests firmly against the mulching insert.

NOTICE: The mulching insert must be removed in order to install and use the grass bag and must be re-installed when the grass bag is removed.

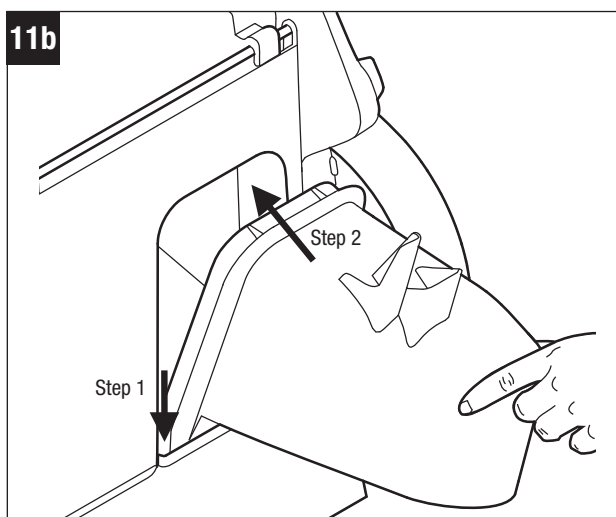
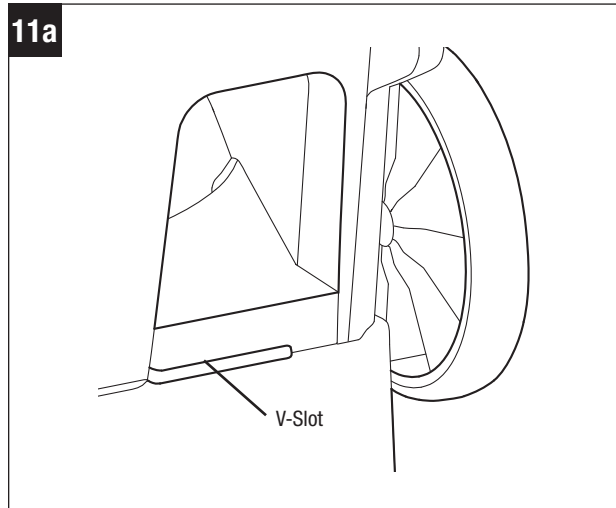


ATTACHING/REMOVING THE SIDE DISCHARGE CHUTE

(Fig. 11a & 11b)

⚠ WARNING: Do not at any time make any adjustment to the lawn mower without first stopping the motor and removing the safety key.

1. Lift the rear discharge door.
2. Align the lower edge of the discharge with the V-slot of the doorsill and insert it in the slot.
3. Push the top of the discharge and insert it into the mower. Check to see that it is securely seated in the deck.
4. To remove the side discharge chute, lift the rear discharge door, grasp the side discharge chute and pull it out.
5. Release the discharge door and make sure that it rests firmly against the discharge chute.



SPRING-LOADED CUTTING HEIGHT ADJUSTMENT (Fig. 12)

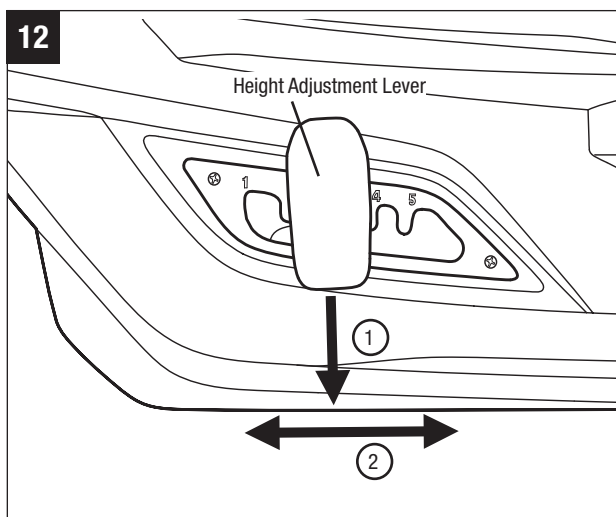
⚠ WARNING: Do not at any time make any adjustment to the lawn mower without first stopping the motor and removing the safety key.

⚠ WARNING: Keep your feet away from the deck when adjusting its height.

The mower can be set to 5 cutting heights between 25mm and 80mm. Choose the proper cutting height according to the types and conditions of the grass.

- To raise the blade height, grasp the height adjustment lever, move it outwards, then move it toward the back of the mower and engage the lever in the desired cutting height position on the mower deck.
- To lower the blade height, grasp the height adjustment lever outwards and move it toward the front of the mower and engage the lever in the desired cutting height position on the mower deck.

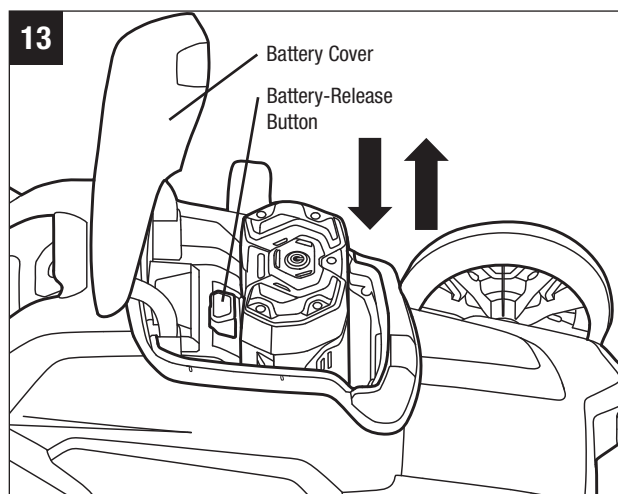
NOTICE: When moving the tool, make sure the cutting height is adjusted at the position of 3 or higher. Failure to do so, could result in the damage of the blade.



TO ATTACH/DETACH THE BATTERY PACK (Fig. 13)**CHARGE BEFORE FIRST USE.**

⚠ WARNING: If any parts are broken or missing, do not attempt to attach the battery pack to the mower or operate the mower until the broken or missing parts are replaced. Failure to do so could result in serious injury.

1. The battery cover is hinged. Raise the battery cover by lifting the front of the cover.
2. Align the raised ribs on the mower with the grooves in the battery pack, and then insert the battery pack into the compartment.
3. Push the battery pack until you hear a “click”. The battery-release button will spring up when the battery pack is securely attached.
4. To detach the battery pack, depress the battery-release button to release the battery pack, and then lift it out of the compartment.
5. Close the battery cover.



NOTICE: Make sure that the latch on the mower snaps into place and that the battery pack is secured to the mower before starting operation.

SAFETY KEY

In order to prevent accidental start-up or unauthorized use of your cordless mower, a removable safety key has been incorporated into the design of your mower. The mower will be completely disabled when the safety key has been removed from the mower.

⚠ WARNING: The cord on the safety key is used for storage; keep it out of the reach of children. DO NOT tether the safety key to mower.

⚠ DANGER: Rotating blades can cause serious injury. To prevent serious injury, remove the safety key when the mower is unattended, or when adjusting, cleaning, servicing, transporting, lifting, or storing the mower.

STARTING/STOPPING THE MOWER (Fig. 14, 15 & 16)

⚠ CAUTION: Do not attempt to override the operation of the safety key and bail switch.

⚠ WARNING: The operation of any lawn mower can result in foreign objects being thrown into the eyes, which can damage your eyes severely. Always wear safety glasses while operating the mower, or while performing any adjustments or repairs on it.

⚠ WARNING: Do not use the mower in the rain.

⚠ WARNING: Ensure that other people and pets remain at least 30m away from the mower when it is in use.

⚠ WARNING: The blade will continue to rotate for a few seconds after the mower is switched off. Allow the motor/blade to stop rotating before switching “on” again. Do not rapidly switch off and on.

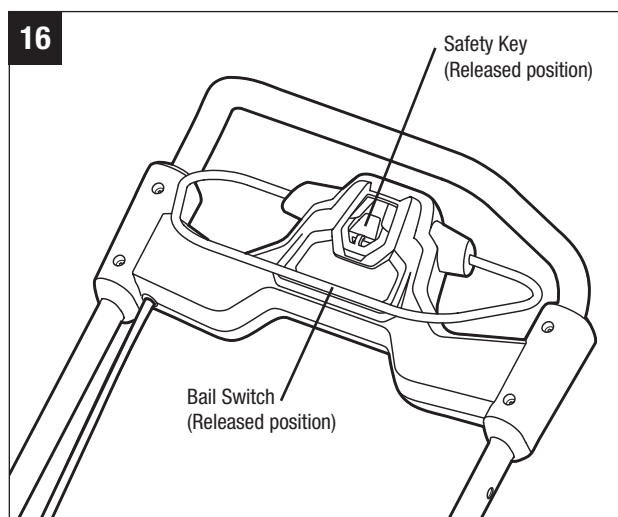
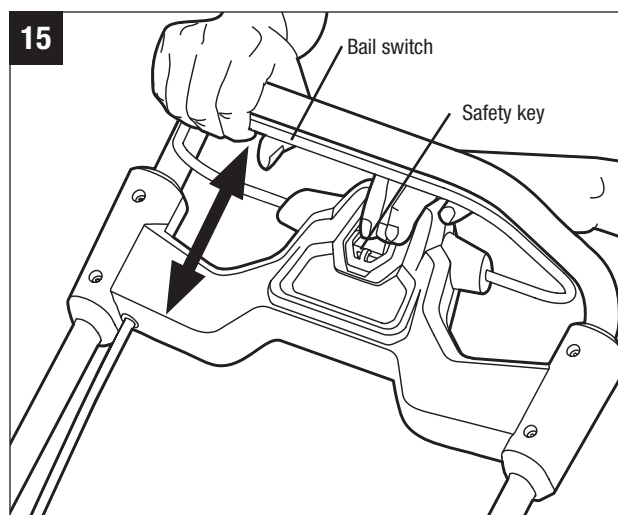
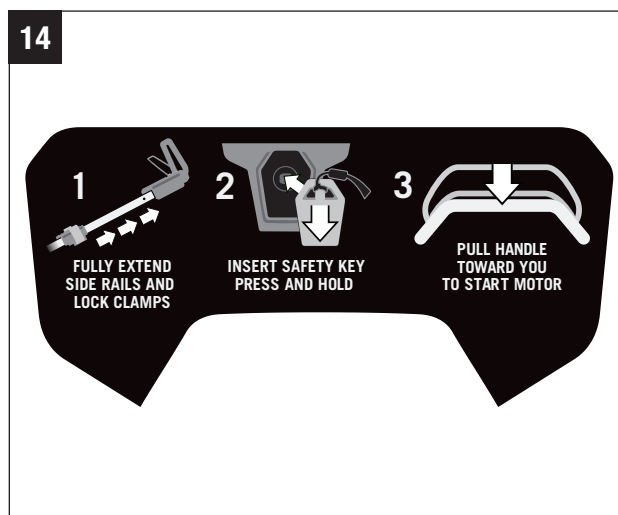
NOTE: The motor cannot be started unless:

- a) The side rails are fully extended
- b) Both green handle-locking clamps are securely closed
- c) The handle is locked into one of the operating positions
 - Attach the battery pack to the mower and close the battery cover.

NOTICE: Make sure that the latch on the mower snaps into place and that the battery pack is secured to the mower before starting operation.

- Insert the safety key into the slot and then depress the safety key (Fig. 14 & 15).
- With the safety key depressed, pull the bail switch upward to the handle and release the safety key to start the mower (Fig. 15).
- To stop the mower, release the bail switch (Fig. 16).

Once the bail switch is released, it will activate the “Automatic Braking Mechanism.” The motor has an electric brake; the mower blade will stop rotating in 3 seconds.



LED WORK LIGHTS (Fig. 17)

The LED work lights are located on the front of the battery compartment.

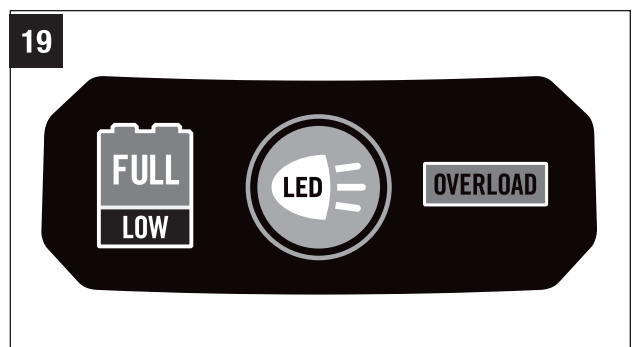
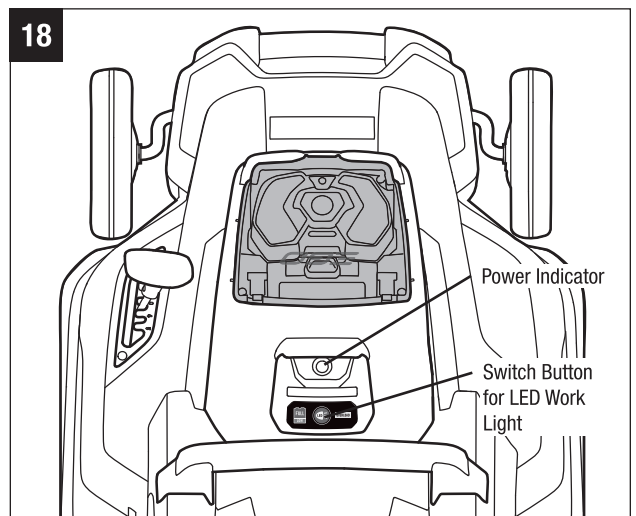
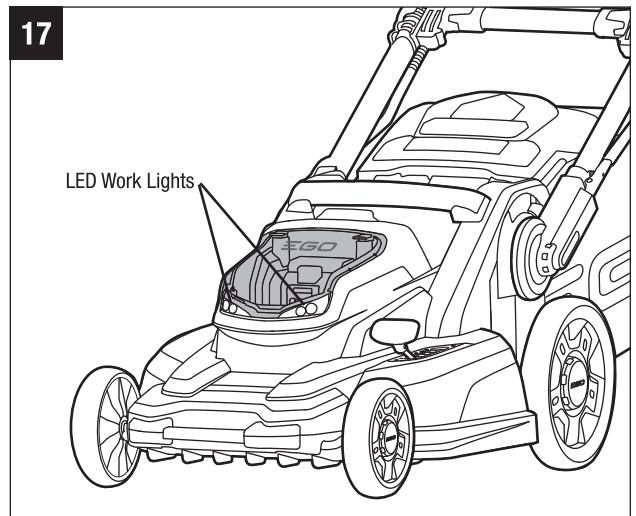
To turn on the lights, press the switch button (Fig. 18). The work lights provide bright light in front of the mower.

To turn off the work lights, press the switch button again.

POWER INDICATOR ON THE MOWER (Fig. 18 & 19)

The mower is equipped with a power indicator to indicate the charge capacity status of the battery pack and the working status of the mower. The power indicator will illuminate when the blade is rotating or when the LED work lights are turned on.

- The green light indicates that the battery has at least 15% of its charge capacity remaining.
- The red light indicates that the battery pack is nearly depleted and needs to be charged.
- The blinking red light indicates that the battery pack is depleted completely. In this situation, the circuit will shut off the mower to protect the battery pack from over discharging.



MOWER OVERLOAD PROTECTION

To prevent damage due to overload conditions, do not try to remove too much grass at one time. Slow down your cutting pace or raise the cut height.

Your mower has built-in overload circuit protection. When the mower is overloaded, the power indicator on the mower will blink orange. The mower can endure a short time of overload. You can slow your speed to reduce the load; otherwise the protection circuit will shut off the mower automatically. Release the bail handle, wait for a few seconds and try again.

BATTERY HIGH TEMPERATURE PROTECTION

The battery pack will generate heat during operation. In hot weather the heat dissipates more slowly. If the battery temperature exceeds 70°C during operation, the protection circuit will immediately shut off the mower to protect the battery pack from damage. The power indicator on the mower will shine orange.

Release the bail handle, wait until the battery pack cools down to approximately 67°C, then restart the mower.

MOWING TIPS

NOTICE: A sharp blade will greatly enhance the performance of the mower, especially when cutting high grass. Make sure to check the sharpness of the blade before mowing.

- Verify that the lawn is free of stones, sticks, wires, and other objects which could damage the lawn mower or motor. Such objects could be accidentally thrown by the mower in any direction, and could cause serious personal injury to the operator and to others.

⚠ WARNING: If you strike a foreign object, stop the motor, and remove the safety key. Thoroughly inspect the mower for any damage, and repair the damage before restarting and operating the mower. Excessive vibration of the mower during operating is an indication of damage. The unit should be promptly inspected and repaired.

- For best results, do not mow in circles. Travel back and forth across the lawn.
- When cutting thick grass, reduce your walking speed in order to allow for a more effective cut and a proper discharge of the clippings.
- For a healthy lawn, cut off only one-third or less of the total length of the grass. The average lawn should be approximately 38mm to 50mm long during cool months, and between 50mm to 83mm long during hot months. If there is growth, the lawn should be cut in the autumn.

SLOPE GAUGE (Fig. 20)

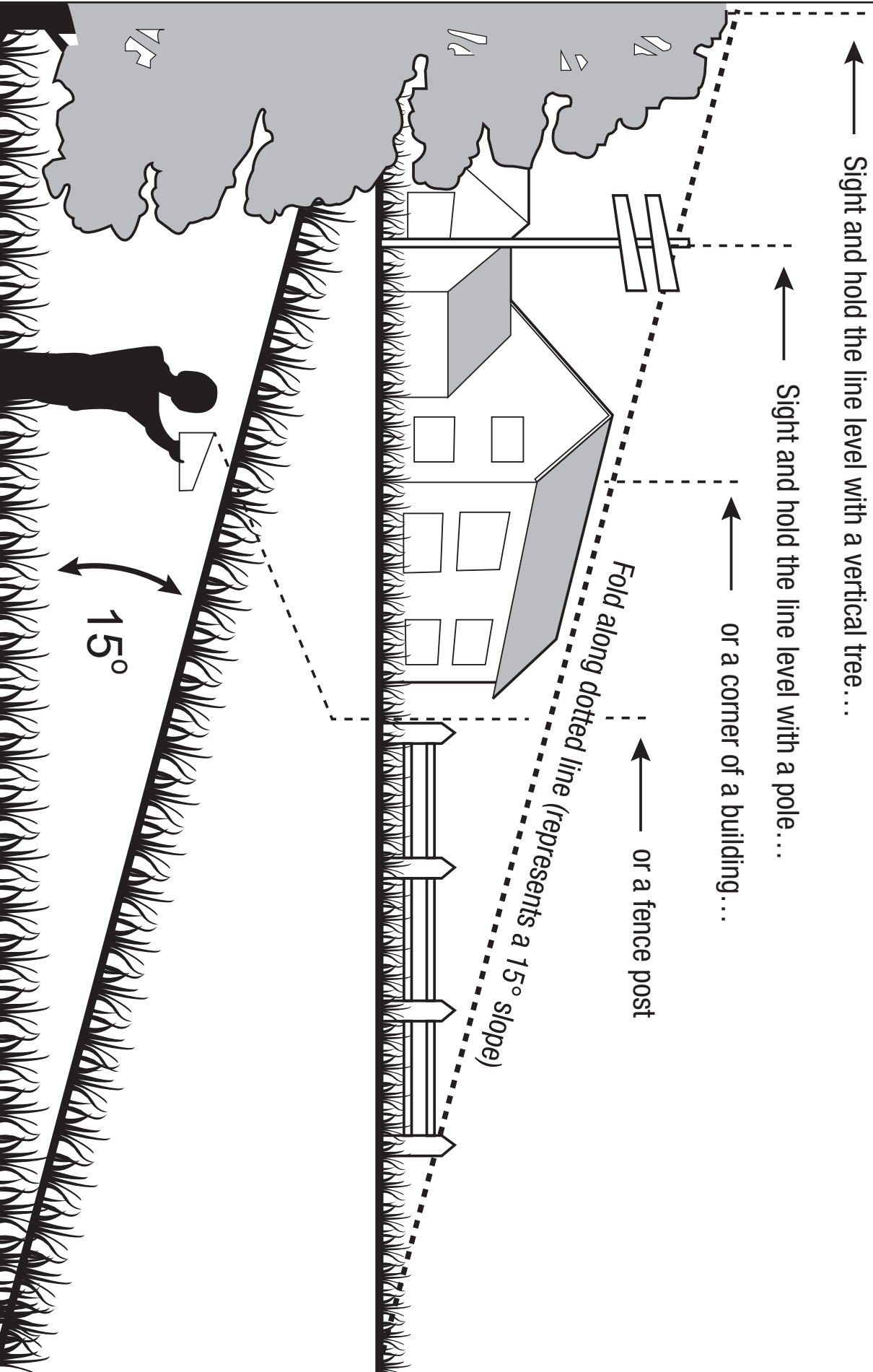
⚠ WARNING: Do not mow a slope that has an angle of greater than 15° (a rise of approximately 0.75m every 3m. Mow across the face of a slope, and never up and down.

Use Fig. 20 as a guide in order to identify slopes that cannot be mowed safely.

MULCHING TIPS

⚠ WARNING: Inspect the area where the mower is to be used, and remove all stones, sticks, wire and other debris that might be thrown by the rotating blade.

- Release the switch to turn the mower off when crossing any graveled area; stones can be thrown by the blade.
- Set the mower to the highest cutting height when mowing on uneven ground or in tall weeds.
- For effective mulching, do not cut wet grass, because it tends to stick to the underside of the deck, preventing proper mulching of grass clippings. The best time to mow grass is in the late afternoon when the grass is dry and the newly cut area will not be exposed to direct sunlight.
- For best mulching performance, set the cutting height to remove approximately one third of the grass blade length, ideally no more than 38mm at one time. If the grass is overgrown, it may be necessary to increase the cut height to make it easier to mow and to prevent overloading the motor. Slow your cutting pace in tall or thick grass conditions. For mulching extremely thick or tall grass, it is advisable to first cut at a high cut-height setting, and then re-cut to the final cut height. Otherwise, make narrower cuts and mow slowly. **ALWAYS MAKE SURE THE BLADE IS SHARP.**



MAINTENANCE

⚠ WARNING: To avoid serious personal injury, always remove the safety key and battery pack from the mower before cleaning or performing any maintenance.

⚠ WARNING: When servicing, use only identical replacement parts. Use of any other parts may create a hazard or cause product damage. To ensure safety and reliability, all repairs should be performed by a qualified service technician.

CLEANING THE MOWER

⚠ WARNING: To reduce the risk of electric shock, do not expose the mower to water. Always remove the safety key and battery pack when servicing or transporting the mower.

The underside of mower deck should be cleaned after each use, as grass clippings, leaves, dirt and other debris will accumulate. This accumulation is undesirable, as it will promote rust and corrosion.

Remove any build-up of grass and leaves on or around the motor cover (do not use water). Wipe the mower clean with a dry cloth.

REMOVING THE BLADE

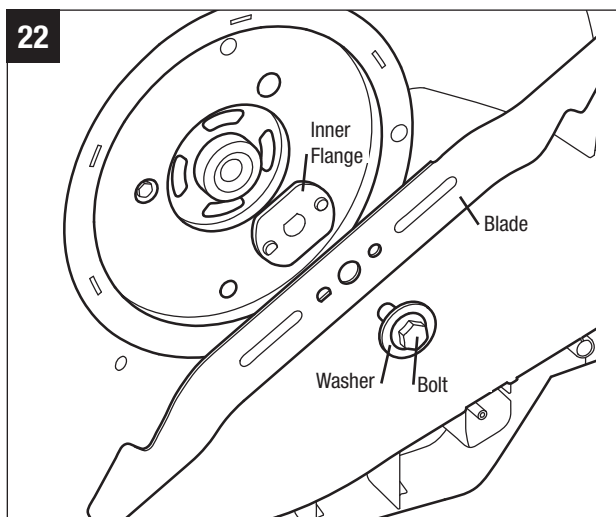
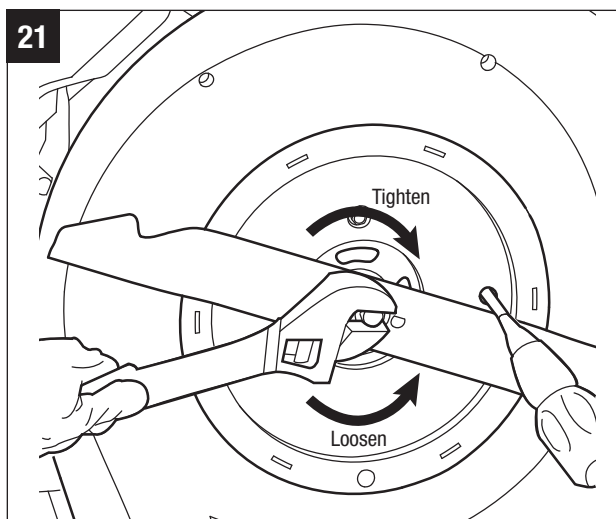
⚠ WARNING: Always protect your hands by wearing heavy gloves or wrapping the cutting edges with rags or other materials when performing any maintenance on the mower blade. Always remove the safety key and battery pack when servicing or transporting the mower.

NOTICE: The following tools are required for replacing the blade: adjustable or 14mm wrench and manual screwdriver or other metal rod with diameter 11mm or less.

- Stop the motor and remove the safety key and battery pack from the mower.
- Turn the mower on its side.
- While wearing protective gloves, place a metal rod (e.g., a manual screwdriver) into the fixing hole to act as a stabilizer (Fig. 21).
- Use an adjustable or 14mm wrench to turn the blade bolt counterclockwise to loosen it.
- While still wearing protective gloves, remove the bolt, washer and the blade (Fig. 22).

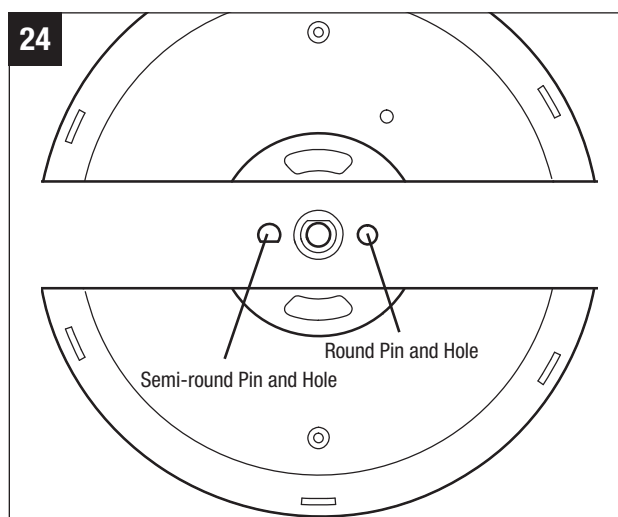
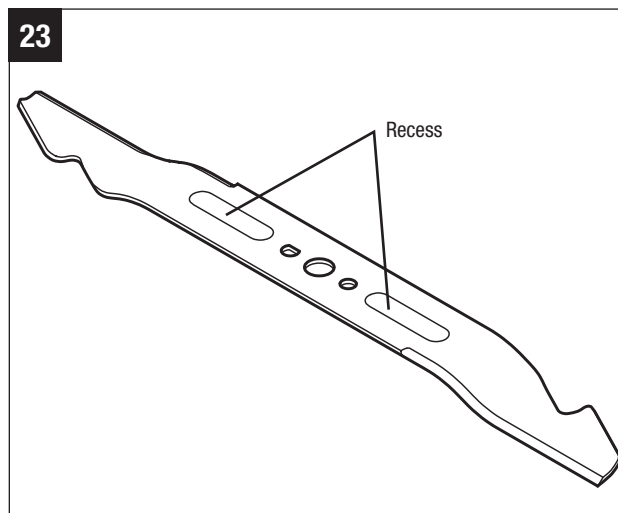
INSTALLING THE BLADE

⚠ WARNING: Always protect your hands by wearing heavy gloves or wrapping the cutting edges with rags or other materials when performing any maintenance on the mower blade. Always remove the safety key and battery pack when servicing or transporting the mower.



NOTICE: To re-install or replace the blade, be sure to replace the parts in the exact order in which they were removed (Fig. 22).

- Align the inner flange with the shaft and assemble it in place.
- While wearing protective gloves, position the blade on the inner flange with the recess (Fig. 23) toward the mower.
- While still wearing protective gloves, move the blade by hand to align the round hole in the blade with the round pin on the inner flange, and the semi-round hole with the semi-round pin (Fig. 24).
- Turn the bolt clockwise into the shaft by hand to pre-tighten.
- Place a metal rod (e.g., a manual screwdriver) into the fixing hole to act as a stabilizer, then use a 14mm torque wrench (not included) to tighten the bolt clockwise. The recommended torque for the blade bolt is 49-59Nm (Fig. 21).



SHARPENING THE BLADE

⚠ WARNING: Always protect your hands by wearing heavy gloves or wrapping the cutting edges with rags or other materials when performing any maintenance on the mower blade. Always remove the safety key and battery pack when servicing or transporting the mower.

⚠ WARNING: Use proper eye protection while removing, sharpening, and installing blade.

⚠ WARNING: A worn, cracked, or damaged blade can break, and piece of the damaged blade can become dangerous projectiles. Thrown objects can cause serious injury. Inspect the blade regularly, and do not operate the mower with a worn or damaged blade.

NOTICE: Keep the blade sharp for best mower performance. A dull blade does not cut grass cleanly or mulch properly. A dull blade can be sharpened, but a blade that is excessively worn, bent, cracked, or otherwise damaged must be replaced. A worn or damaged blade can break, causing blade pieces to be thrown from the mower.

If the blades are found to be bent, take the lawn mower to an authorized EGO service center for inspection.

SHARPING FREQUENCY

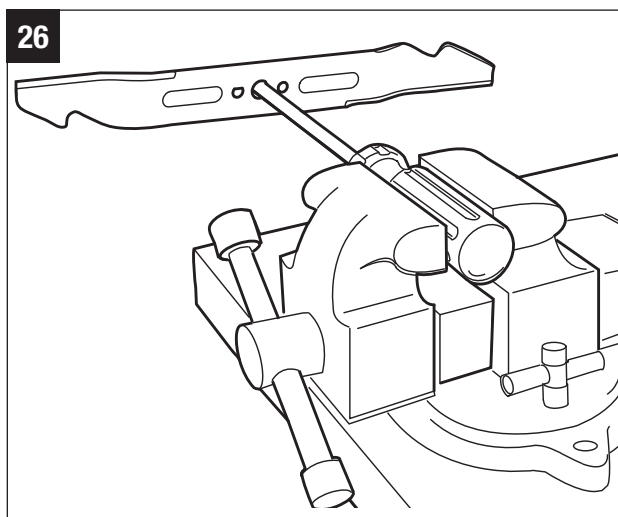
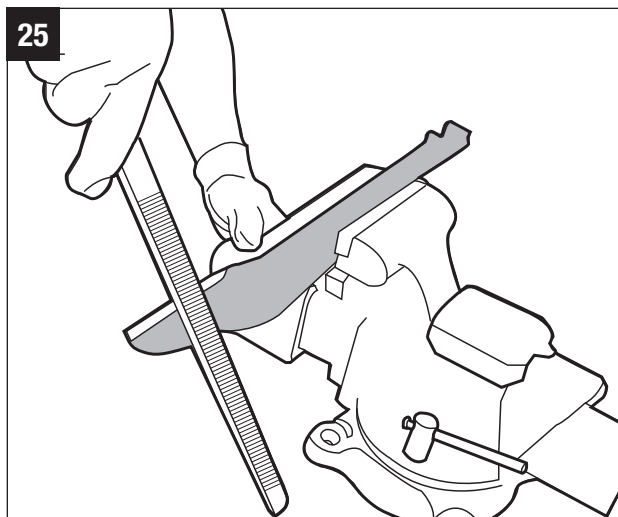
Sharpening the blade twice during a mowing season is usually sufficient under normal circumstances. Sand causes the blade to dull quickly; if your lawn has sandy soil, more frequent sharpening may be required.

WHEN SHARPENING THE BLADE:

1. Make sure that the blade remains balanced.
2. Sharpen the blade at the original cutting angle.
3. Sharpen the cutting edges on both ends of the blade, removing an equal amount of material from each end.

TO SHARPEN BLADE IN A VISE:

1. Remove the bade from the mower (please see REMOVING THE BLADE.)
2. Secure the blade in a vise (Fig. 25.)
3. Wear proper eye protection and gloves and be careful not to cut yourself.
4. Carefully file the cutting edges of the blade with a fine tooth file or sharpening stone, maintaining the original cutting edge angle.
5. To check the blade balance: clamp a nail or a screw driver with a round shank in the horizontal position. Position the blade so that the nail or round shank of the screwdriver supports the blade through its center hole. Balance the blade horizontally. 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



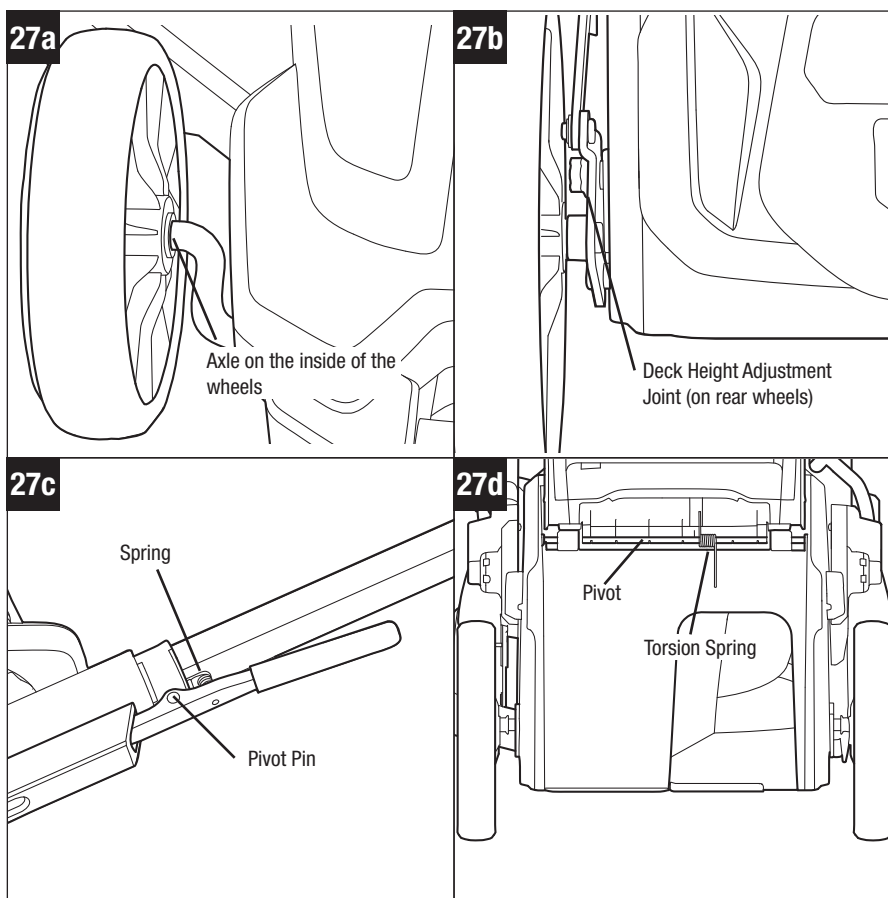
end drops (Fig. 26).

6. Replace the blade on the mower and tighten it securely (please see INSTALLING THE BLADE)

⚠ WARNING: An unbalanced blade will cause excessive vibration when rotating at high speeds. It may cause damage to mower and could break causing personal injury.

LUBRICATION

- Lubricate the axle on the inside of the wheels and deck height adjustment joint at least once a season with light oil (or motor oil) (Fig. 27a & 27b).
- Lubricate the spring and pivot pin in the quick-adjust lever, the torsion spring and pivot of the rear discharge door periodically with light oil to prevent rust (Fig. 27c & 27d).



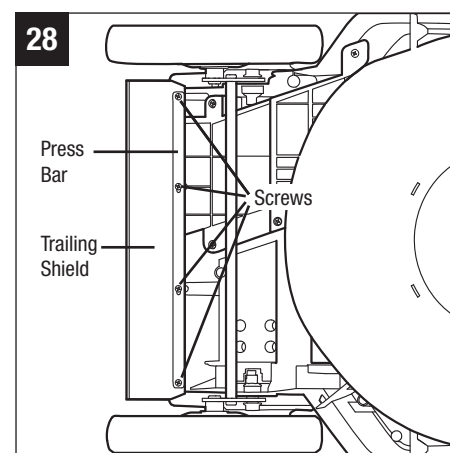
REPLACING THE TRAILING SHIELD

⚠ WARNING: Always remove the safety key and battery pack when servicing or transporting the mower.

⚠ WARNING: Never operate the mower unless the trailing shield is in place and working. Never operate the mower with damaged safety devices. Failure to do so can result in personal injury.

The trailing shield is subject to wear and damage, which could expose moving parts or allow objects to be thrown. For safety protection, frequently check the trailing shield and replace it immediately with only the identical replacement part, listed in this manual.

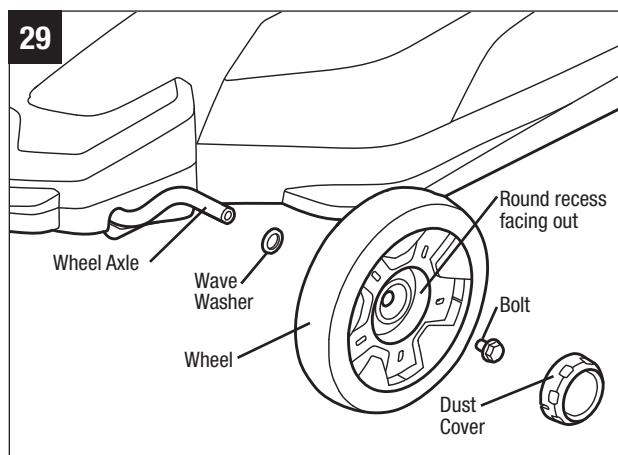
1. To remove the trailing shield, release the bail switch to stop the mower. Remove the battery pack and safety key.
2. Turn the mower on its side.
3. Remove the four screws with a Phillips screwdriver; remove the press bar (Fig. 28).
4. Replace with a new trailing shield and reattach it with the press bar and screws.



REPLACING THE WHEELS (Fig. 29)

⚠ WARNING: Always remove the safety key and battery pack when servicing or transporting the mower.

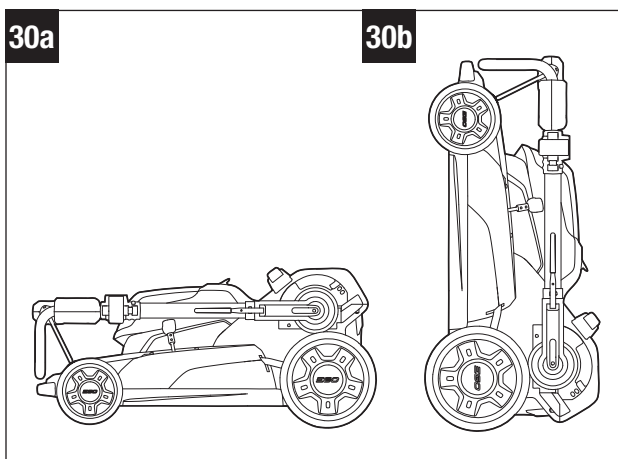
- Use a flat blade screwdriver to pry the dust cover away from the wheel.
- Use an adjustable or 13mm wrench to turn the bolt counterclockwise to loosen it.
- Remove the bolt, the worn wheel and the wave washer from the wheel axle.
- Mount the wave washer and the new wheel on the wheel axle. Note that the round recess must face outward.
- Lock the wheel with the bolt by tightening the bolt clockwise.
- Mount the dust cover onto the wheel and press it in place.



MAINTENANCE AND STORAGE THE MOWER

The following steps should be taken in order to prepare the lawn mower for storage.

- Remove the battery pack from the mower and store it in a cool, dry location.
- Remove the safety key from the slot.
- Clean the mower as described in the previous section.
- Keep all nuts, bolts, and screws tight to be sure the appliance is in safe working condition.
- Check the grass catcher frequently for wear or deterioration.
- Replace worn or damaged parts for safety. Use only genuine replacement parts and accessories.
- For rotary mowers, ensure that only replacement cutting means of the right type are used.
- On machines with multi blade, take care as rotating one blade can cause other blades to rotate.
- Be careful during adjustment of the machine to prevent entrapment of the fingers between moving blades and fixed parts of the machine.
- Always allow the machine to cool down before storing.
- When servicing the blades be aware that, even though the battery is disconnected or removed, the blades can still be moved.
- Inspect the blade and replace it or sharpen it if required.
- Lubricate the mower.
- Store the mower in a dry, clean location. Do not store it next to corrosive materials, such as fertilizer or rock salt.
- Store the mower in a covered, enclosed space, that is cool and dry and out of the reach of children.



- Do not cover the lawn mower with a solid plastic sheet. Plastic coverings trap moisture around the mower, which causes rust and corrosion.
- The handle assembly can be folded away completely for storage:
 1. Remove the grass bag.
 2. Open the handle locking clamps and fully recess the side rails to the compact position.
 3. Press and hold the quick-adjust lever with your right hand to release the handle. Gently pivot the handle toward the front of the mower; release the quick-adjust lever and continue to pivot the handle until you hear and feel the lock pin engage in the locked storage position.
 4. Store the mower upright or flat (Fig. 30a & 30b).

⚠ WARNING: If the mower begins to tip over from the upright position, mower damage or personal injury may result. Always keep the mower stable and out of the reach of children when it is in the upright position. If possible, lay it flat for storage.

Protecting the environment



Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities. Contact your local government for information regarding the collection systems available.

If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.

TROUBLESHOOTING

⚠ WARNING: Always protect your hands by wearing heavy gloves or wrapping the cutting edges with rags or other materials when performing any maintenance on the mower blade. Always remove the safety key and battery pack when servicing or transporting the mower

PROBLEM	CAUSE	SOLUTION
The mower fails to start	<ul style="list-style-type: none"> ■ The safety key is not inserted in the slot. ■ The battery pack is depleted. ■ The battery pack is not attached to the mower. ■ Battery or mower circuitry is too hot. (The power indicator on the mower will illuminate in orange for 10 seconds) ■ The side rails are not extended to their maximum length and the clamps are not locked in position. ■ The handle is not set at one of the operating positions. ■ Mower deck is clogged with grass and debris. 	<ul style="list-style-type: none"> ■ Insert the safety key; press the key while pulling the bail switch; release the safety key. ■ Charge the battery pack. ■ Attach the battery pack to the mower. ■ Allow the battery pack or mower to cool until the temperature drops below 67°C. ■ Fully extend the handle and lock the clamps. ■ Adjust the handle to the operating position. ■ Clean the mower deck and make certain that the blade has freedom of movement.
The mower cuts unevenly	<ul style="list-style-type: none"> ■ Dull blade. ■ The cutting height is not set properly. ■ The blade is assembled incorrectly. 	<ul style="list-style-type: none"> ■ Sharpen or replace blade. ■ Move the deck to a higher setting. ■ Reassemble the blade, following the section “INSTALLING THE BLADE” in this manual.
Mower stops while mowing	<ul style="list-style-type: none"> ■ The battery pack is depleted. ■ Mower is in overload condition. ■ Mower deck is clogged with grass and debris. ■ Battery or mower circuitry is too hot. (The power indicator on the mower will illuminate in orange for 10 seconds.) ■ The side rail is retracted a little by the pushing force applying on the handle. 	<ul style="list-style-type: none"> ■ Charge the battery pack. ■ Raise cutting height or slow down the mowing. ■ Unclog mower deck. Raise cutting height, or cut a narrow swath. ■ Allow the battery pack or mower to cool until the temperature drops below 67°C. ■ Unlock the clamps. Fully extend the side rails and lock the clamps again.
Mower does not mulch properly	<ul style="list-style-type: none"> ■ Wet grass clippings are sticking to the underside of the deck. ■ The mower is set to cut too much grass. 	<ul style="list-style-type: none"> ■ Wait until the grass dries before mowing. ■ Move the deck to a higher setting.
Excessive vibration	<ul style="list-style-type: none"> ■ Cutting blade is loose. ■ Cutting blade is unbalanced. ■ Bent cutting blade. ■ Bent motor shaft. 	<ul style="list-style-type: none"> ■ Tighten the blade bolt. ■ Balance the blade following the instructions. ■ Replace the blade. ■ Contact the service center.
The handle locking clamps can not be closed in position.	<ul style="list-style-type: none"> ■ The side rails are not fully extended. 	<ul style="list-style-type: none"> ■ Fully extend the side rails, then lock the clamps.

WARRANTY

EGO WARRANTY POLICY

5 year limited warranty on EGO outdoor power equipment and 3 year limited warranty on EGO Power+ System battery packs and chargers.

Please contact EGO customer service on 1300 000 EGO (1300 000 346) any time you have questions or warranty claims.

SERVICE WARRANTY

FOR FIVE YEARS from the date of original retail purchase, this EGO product is warranted against defects in material or workmanship. Defective product will receive free repair.

FOR THREE YEARS from the date of original retail purchase, the EGO Power+ System battery pack and charger are warranted against defects in material or workmanship. Defective product will receive free repair.

This warranty does not cover the blade, which is a part that can wear out from normal use within the warranty period.

- This warranty applies only to the original purchaser at retail and may not be transferred.
- The warranty period for any EGO product or part used for industrial, professional or commercial purpose is one year.
- This warranty is void if the product has been used for rental purpose.
- This warranty does not cover the damage resulting from modification, alteration or unauthorized repair.
- This warranty only covers defects arising under normal usage and does not cover any malfunction, failure or defect resulting from misuse, abuse (including overloading of the product beyond capacity and exposure to water or rain), accidents, neglect or lack of proper installation, and improper maintenance or storage.
- This warranty does not cover normal deterioration of the exterior finish, including but not limited to scratches, dents, paint chips, or to any corrosion or discoloring by heat, abrasive and chemical cleaners.



HOW TO OBTAIN SERVICE

For warranty service, please contact EGO customer service on **1300 000 EGO (1300 000 346)**. When requesting warranty service, you must present the original dated sales receipt. An authorized service center will be selected to repair the product according to the stated warranty terms.

ADDITIONAL LIMITATIONS

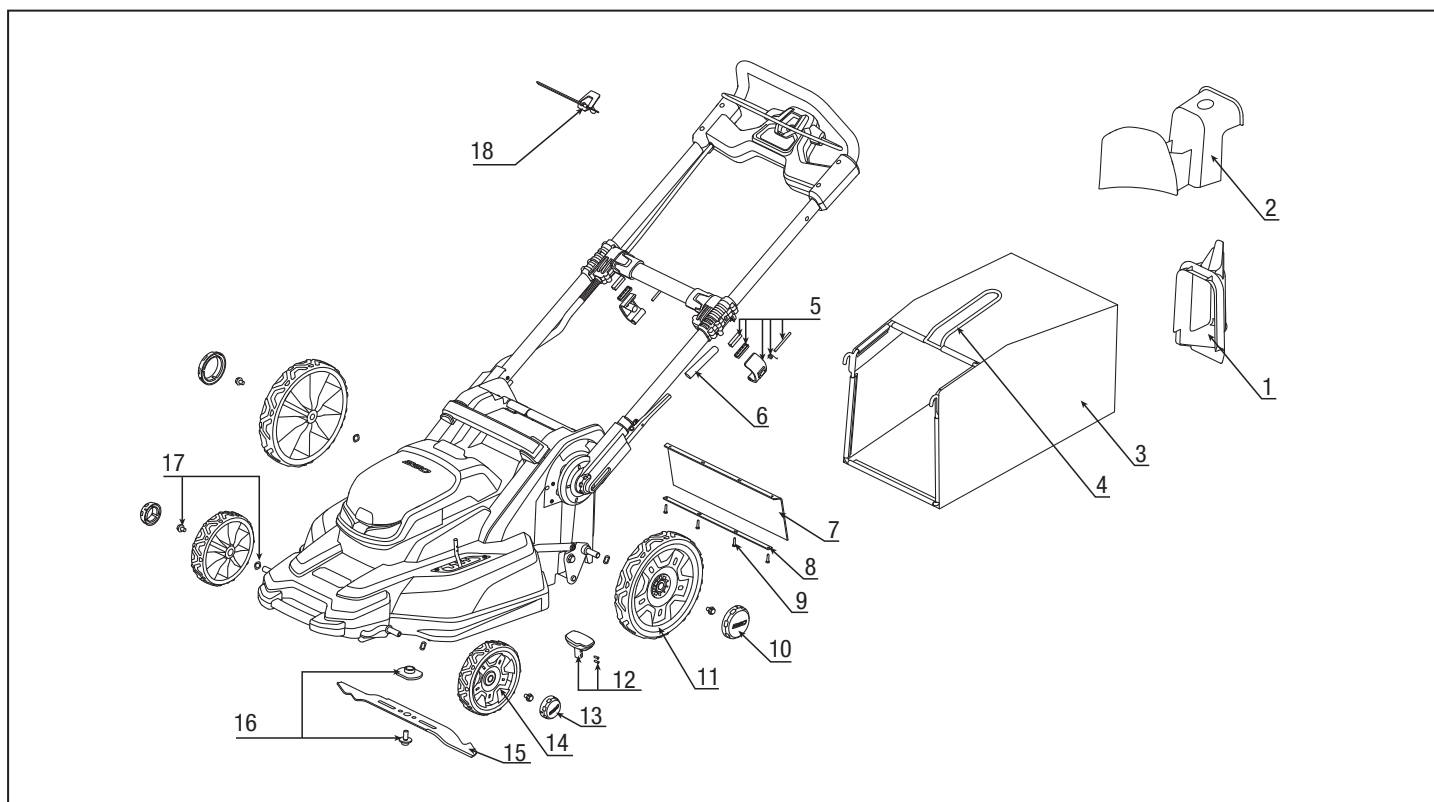
Chervon Australia Pty Ltd ABN 36 165 077 501 (“Chervon”) warrants to the original domestic purchaser that this product will be free from defects in materials and workmanship for 5 years from date of purchase, and any battery or charger will be free from defects in materials and workmanship for 3 years from date of purchase. To make a claim, return the faulty item together with proof of purchase directly to your closest service agent or to the place of purchase. Any handling and transportation costs (and other expenses incurred in claiming this warranty) are not covered by this warranty and will not be borne by Chervon. The replacement product or part or repaired product will be made available for your collection at an address nominated by Chervon. Where a valid warranty claim is made, Chervon will replace the defective product or repair the fault. Where the product is repaired, Chervon may use refurbished parts. This warranty does not cover normal wear and tear, misuse or abuse. This warranty may also be further limited or voided as specifically detailed in the product Manual. Chervon has no other liability under this warranty. The benefits to you given by this warranty are in addition to other rights and remedies imposed by State and Federal legislation that cannot be excluded. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. Chervon Australia Pty Ltd, Unit 13, 1488 Ferntree Gully Rd, Knoxfield, VIC. 3180. Phone Number: 1300 000 EGO (1300 000 346). Email address: support@egopowerplus.com.au

PARTS LIST

56V LITHIUM-ION CORDLESS LAWN MOWER MODEL NUMBER LM2000E

The Model Number will be found on the Nameplate attached to the rear discharge door of the lawn mower. Always mention the Model Number when ordering parts for this tool.

EXPLODED VIEW





PARTS LIST

No.	Part Number	Part Name	Quantity
1	3126785000	Side Discharge Chute	1
2	3126762000	Mulching Insert	1
3	3800095000	Grass bag	1
4	3705442000	Bag Frame	1
5	2823714000	Handle-Locking Clamp Set	1
6	3126779000	Quick-Adjust Lever Cover	1
7	3127083000	Trailing Shield	1
8	3705441000	Steel Bar	1
9	5610042000	Screw Set (Trailing Shield)	4
10	3126765000	Rear Hubcap	2
11	2823663000	Rear Wheel Assembly	2
12	2823707000	Height-Adjust Handle Set	1
13	3126769000	Front Hubcap	2
14	2823662000	Front Wheel Assembly	2
15	3705369000	Blade	1
16	2823708000	Bolt and Flanges Set	1
17	2823706000	Bolt and Washer Set	4
18	2823802000	Safety key with Cord	1