

# EGO<sup>TM</sup>

## COMMERCIAL



OPERATOR'S MANUAL

# 56-VOLT LITHIUM-ION COMMERCIAL 30" LAWN MOWER

MODEL NUMBER LMX7600SP/LMX7600SP-FC

Français p. 53

Español p. 111

**⚠ 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.



# READ ALL INSTRUCTIONS!



**READ & UNDERSTAND  
OPERATOR'S MANUAL**





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# 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 follow all instructions listed below may result in electric shock, fire, and/or serious personal injury.

The definitions below describe the level of severity for each signal word. Please read the manual and pay attention to these symbols.	
	This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.
	DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.
	WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.
	CAUTION, used with the safety alert symbol, indicates a hazardous situation which, if not avoided, will result in minor or moderate injury.









## DAMAGE PREVENTION AND INFORMATION MESSAGES




These inform the user of important information and/or instructions that could lead to equipment or other property damage if they are not followed. Each message is preceded by the word "**NOTICE**", as in the example below:

**NOTICE:** Equipment and/or property damage may result if these instructions are not followed.

## SYMBOLS

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

	Safety Alert	Indicates a potential personal injury hazard.
	Wear Ear Protection	Always wear sound barriers (ear plugs or ear mufflers) to protect your hearing.
	Read & Understand Operator's Manual	To reduce the risk of injury, user must read and understand operator's manual before using this product.
	WARNING – Keep Hands and Feet Away From the Blades	Alerts users to keep hands and feet away from the blades.
	WARNING – Disconnect Battery Before Maintenance	Alerts users to disconnect battery before maintenance.
	DANGER — Keep Hands and Feet Away	Alerts users to keep hands and feet away.
	WARNING –Beware of Thrown Objects – Keep Bystanders Away	Alerts users to beware of thrown objects – keep bystanders away.
	DANGER — Steep Slope Hazard	Use extra caution on slopes. Do not mow slopes greater than 15 degrees.

	Bluetooth®	Bluetooth® Symbol
	Ingestion Hazard	This product contains a button cell or coin battery.
IP...	Ingress Protection (IP) Rating	Classifies the degree of protection provided by an enclosure, for electrical equipment
V	Volt	Voltage
	Direct Current	Type or a characteristic of current
mm	Millimeter	Length or size
in.	Inch	Length or size
kg	Kilogram	Weight
lb	Pound	Weight
L	Liter	Volume
bu	Bushel	Volume
min	Minutes	Time
$n_0$	No Load Speed	Rotational speed, at no load
RPM	Revolutions Per Minute	Rotational speed
°C	Celsius Temperature	Temperature
°F	Fahrenheit Temperature	Temperature

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



# LAWNMOWER SAFETY WARNINGS

**⚠ WARNING:** Read all safety warnings, instructions, illustrations, and specifications provided with this lawnmower. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

**Save all warnings and instructions for future reference.**

## WORK AREA SAFETY

- **To avoid bystander contact with the moving blade(s) or a thrown object injury, keep the area of operation clear of all bystanders, particularly small children. Stop the lawnmower and any attachment(s) if anyone enters the area.** Contact with the moving blade(s) or thrown objects may result in serious personal injury or death.
- **Only operate the lawnmower in daylight or good artificial light.** Dark areas invite accidents.
- **Do not operate lawnmowers in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.** Lawnmowers create sparks which may ignite the dust or fumes.
- **Do not use the lawnmower in bad weather conditions, especially when there is a risk of lightning.** This decreases the risk of being struck by lightning.
- **Thoroughly inspect the area where the lawnmower is to be used and remove all stones, sticks, wires, bones, and other foreign objects.** Thrown objects can cause personal injury.

## ELECTRICAL SAFETY

- **Do not operate the lawnmower in rain or wet conditions.** Water entering a lawnmower may increase the risk of electric shock.

## PERSONAL SAFETY

- **Use personal protective equipment. Always wear eye protection.** Protective equipment will reduce personal injuries.
- **Dress properly. Do not wear loose clothing or jewelry. Keep your hair and clothing away from moving parts.** Loose clothes, jewelry, or long hair can be caught in moving parts.

- **While operating the lawnmower, always wear long trousers.** Exposed skin increases the likelihood of injury from thrown objects.
- **While operating the lawnmower, always wear non-slip and protective footwear. Do not operate the lawnmower when barefoot or wearing open sandals.** This reduces the chance of injury to the feet from contact with the moving blade(s).
- **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or batteries, picking up or carrying the lawnmower.** Carrying a lawnmower with your finger on the switch or energizing a lawnmower that has the switch on invites accidents.
- **Remove any adjusting key or wrench before turning the lawnmower on.** A wrench or a key left attached to a rotating part of the lawnmower may result in personal injury.
- **Keep proper footing and balance at all times.** This enables better control of the lawnmower in unexpected situations.
- **Stay alert, watch what you are doing, and use common sense when operating a lawnmower. Do not use a lawnmower while you are tired or under the influence of drugs, alcohol, or medication.** A moment of inattention while operating a lawnmower may result in serious personal injury.
- **Do not let familiarity gained from frequent use of lawnmower allow you to become complacent and ignore lawnmower safety principles.** A careless action can cause severe injury within a fraction of a second.
- **To avoid operator blade contact or a thrown object injury, stay in the operator zone behind the lawnmower handles.** Blade contact or thrown objects may result in serious personal injury.
- **Do not touch blades and other hazardous moving parts while they are still in motion.** This reduces the risk of injury from moving parts.

## LAWNMOWER USE AND CARE

- **Use the lawnmower and accessories in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the lawnmower for operations different from those intended may result in a hazardous situation.
- **Before using the lawnmower, always visually inspect to see that the blade(s) and the blade(s) assembly are properly secured and not worn or damaged.** Loose, worn, or damaged parts may increase the risk of injury.

- **Keep guards and other safety devices in place, properly mounted, and in working order.** A guard or other safety device that is loose, damaged, or is not functioning correctly may result in personal injury.
- **Keep all cooling air inlets clear of debris.** Blocked air inlets and debris may result in overheating or risk of fire.
- **Do not use the lawnmower if the switch does not turn it on and off.** Any lawnmower that cannot be controlled with the switch is dangerous and must be repaired.
- **Do not operate the lawnmower in wet grass. Walk, never run.** This reduces the risk of slipping and falling which may result in personal injury.
- **Do not operate the lawnmower on excessively steep slopes.** This reduces the risk of loss of control, slipping, and falling which may result in personal injury.
- **Do not force the lawnmower. Use the correct lawnmower for your application.** The correct lawnmower will do the job better and safer at the rate for which it was designed.
- **Be aware of the mower and attachment discharge direction and do not point the mower discharge at anyone.** Thrown objects can cause personal injury.
- **Use extreme caution when reversing or pulling the lawnmower towards you. Always be aware of your surroundings.** This reduces the risk of tripping during operation.
- **When working on slopes, always be sure of your footing, always work across the face of slopes, never up, or down and exercise extreme caution when changing direction.** This reduces the risk of loss of control, slipping, and falling which may result in personal injury.
- **Operate the disabling device and/or remove all battery packs, if removable, from the lawnmower before making any adjustments, changing accessories, or storing the lawnmower.** Such preventive safety measures reduce the risk of starting the lawnmower accidentally.
- **Keep handles and grasping surfaces dry, clean, and free from oil and grease.** Slippery handles and grasping surfaces do not allow for safe handling and control of the lawnmower in unexpected situations.
- **Check the grass catcher frequently for wear or deterioration.** A worn or damaged grass catcher may increase the risk of personal injury.
- **Before removing the grass catcher, turn off the motor and wait until the blade(s) comes to a complete stop.** The cutting blade(s) continues to rotate after the blade control is released. Never place any part of the body in the



**blade(s) area until you are certain the motor is off and the blade(s) has stopped rotating.** Contact with the moving cutting blade(s) may result in serious personal injury.

- **Before unclogging the chute, turn off the motor, wait until the blade(s) comes to a complete stop, operate the disabling device, and/or remove all batteries, if removable.** The cutting blade(s) continues to rotate after the blade control is released. Never place any part of the body in the blade(s) area until you are certain the motor is off and the blade(s) has stopped rotating. Contact with the moving cutting blade(s) may result in serious personal injury.
- **Before cleaning or inspecting the lawnmower, turn off the motor, wait until the blade(s) comes to a complete stop, operate the disabling device, and/or remove all batteries, if removable.** Accidental contact with the moving blade(s) and moving parts may result in personal injury.
- **Maintain the lawnmower and accessories. Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the lawnmower's operation. If damaged, have the lawnmower repaired before use.** Many accidents are caused by poorly maintained lawnmowers.
- **Store idle lawnmowers out of the reach of children and do not allow persons unfamiliar with the lawnmower or these instructions to operate the lawnmower.** Lawnmowers are dangerous in the hands of untrained users.

## BATTERY LAWNMOWER USE AND CARE

- **Use lawnmowers only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack(s) may create a risk of fire when used with another battery pack(s).
- **Follow all charging instructions and do not charge the battery pack(s) or lawnmower outside the temperature range specified in the instructions.** Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.
- **Do not use a battery pack or lawnmower 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 pack(s) or lawnmower to fire or excessive temperature.** Exposure to fire or temperature above 265 °F (130 °C) may cause explosion.

- **Under abusive conditions, liquid may be ejected from the battery(ies); avoid contact. If contact accidentally occurs, flush with water.** If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery(ies) may cause irritation or burns.
- **When battery packs are not in use, keep them away from other metal objects, like paper clips, coins, keys, nails, screws, or other small metal objects that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.

## SERVICE

- **Have your lawnmower serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the lawnmower is maintained.** Use of parts which do not meet the original equipment specifications may lead to improper performance and compromise safety.
- **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorized service providers.

## ADDITIONAL RULES FOR LAWNMOWER

- The user is responsible for accidents or hazards occurring to other people or their property.
- Be familiar with the controls and the proper use of the machine.
- Before using, always visually inspect to see that the blades and blade bolts are not worn or damaged. Replace worn or damaged blades and bolts in sets to preserve balance.
- Keep all nuts, bolts, and screws tight to be sure the product is in safe working condition.
- Check the functioning of the machine before each use and, in case of a defect, have it repaired immediately by a qualified service technician; never open the machine yourself.
- Never operate the machine with a defective rear guard or defective grass catcher.
- When operating the machine without a grass catcher, ensure that the rear guard is in closed position (risk of injury caused by rotating cutting blades).
- Always switch off the machine, remove battery pack(s), and ensure that all moving parts have come to a complete standstill:

- whenever leaving the machine unattended.
  - before clearing jammed material.
  - before checking, cleaning, or working on the machine.
  - after striking a foreign object. Then inspect the machine for damage and make repairs before restarting and operating the machine.
  - if the machine starts to vibrate abnormally. Then immediately inspect for damage, replace or repair any damaged parts, and check for and tighten any loose parts.
- Always keep hands and feet away from rotating parts.
  - Keep away from the discharge opening at all times.
  - Switch on the motor according to instructions and with feet well away from the cutting blades.
  - Never mow in the direct vicinity of people (especially children) and animals.
  - Stop the cutting blades if the product has to be tilted for transportation when crossing surfaces other than grass, and when transporting the product to and from the area to be used.
  - Do not tilt the product when switching on the motor, except if the product 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.
  - While making adjustments to the product, be careful to prevent entrapment of fingers between the moving blades and fixed parts.
  - Always allow the machine to cool down before storing.
  - When servicing the blades, be aware that even though the power source is switched off, the blade can still be moved.
  - Check for blockage of the cutting blades, and keep the cutting blades and mower deck clean. Remove grass clippings, leaves, dirt, and any other accumulated debris before and after each use.
  - When blockage occurs, stop the mower and remove the battery pack(s). Then remove any buildup of grass and leaves on or around the drive shaft and motor fan (do not use water). Wipe the mower clean with a damp cloth.
  - Empty the grass bag before storage.
  - Never use the machine when handle cord is damaged, have it replaced by a qualified person.

- Cleaning and maintenance before storage.
- Use lawnmowers only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.

BATTERY PACK	CHARGER
BA1400, BA1400-FC, BA2800, BA2800-FC, BA4200, BA4200-FC, BA1400T, BA1400T-FC, BA2242T, BA2242T-FC, BA2800T, BA2800T-FC, BA3360T, BA3360T-FC, BA4200T, BA4200T-FC, BA4480T, BA4480T-FC, BA5600T, BA5600T-FC, BA6720T, BA6720T-FC	CH2100, CH2100-FC, CH3200, CH3200-FC CH5500, CH5500-FC, CH2800D, CH2800D-FC CH7000, CH7000-FC CH7000T, CH7000T-FC

## COIN BATTERY

- The product contains non-replaceable batteries.
- Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
- Even used batteries may cause severe injury or death.
- Call a local poison control center for treatment information.
- Type of coin battery: ICB1250 E6
- Nominal voltage of coin battery: 3.85V
- Non-rechargeable batteries are not to be recharged.
- Do not force discharge, recharge, disassemble, heat above 140 °F (60 °C) or incinerate. Doing so may result in injury due to venting, leakage, or explosion resulting in chemical burns.

## ⚠ WARNING

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.
- **KEEP** new and used batteries **OUT OF REACH of CHILDREN**
- **SEEK immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.



## INTRODUCTION

Congratulations on your selection of a new EGO COMMERCIAL 56V lithium-ion 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 1-855-EGO-5656.**

This manual contains important information on the safe assembly, operation, and maintenance 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	56 V 
Blade Speed Mode	1
	2
	TURBO
Approximate Cutting-height Setting (9 positions)	1 in. (25 mm)
	1-1/4 in. (33 mm)
	1-3/4 in. (44 mm)
	2-1/2 in. (66 mm)
	3 in. (73 mm)
	3-1/2 in. (86 mm)
	4 in. (101 mm)
	4-1/2 in. (114 mm)
	5 in. (125 mm)
Deck Size	30.8 in. (782 mm)
Grass Bag Volume	2.5 bu (90 L)
Ingress Protection Rating	IPX5* (Protected against water jets)
Mower Weight (Without battery pack; with mulching insert)	116.8 lbs (53 kg)
Recommended Operating Temperature	32 °F – 104 °F (0 °C – 40 °C)
Recommended Storage Temperature	-4 °F – 158 °F (-20 °C – 70 °C)

\* **NOTE:** IPX5 rating is based on the machine and battery being used together as a system.

## RECOMMENDED ACCESSORIES

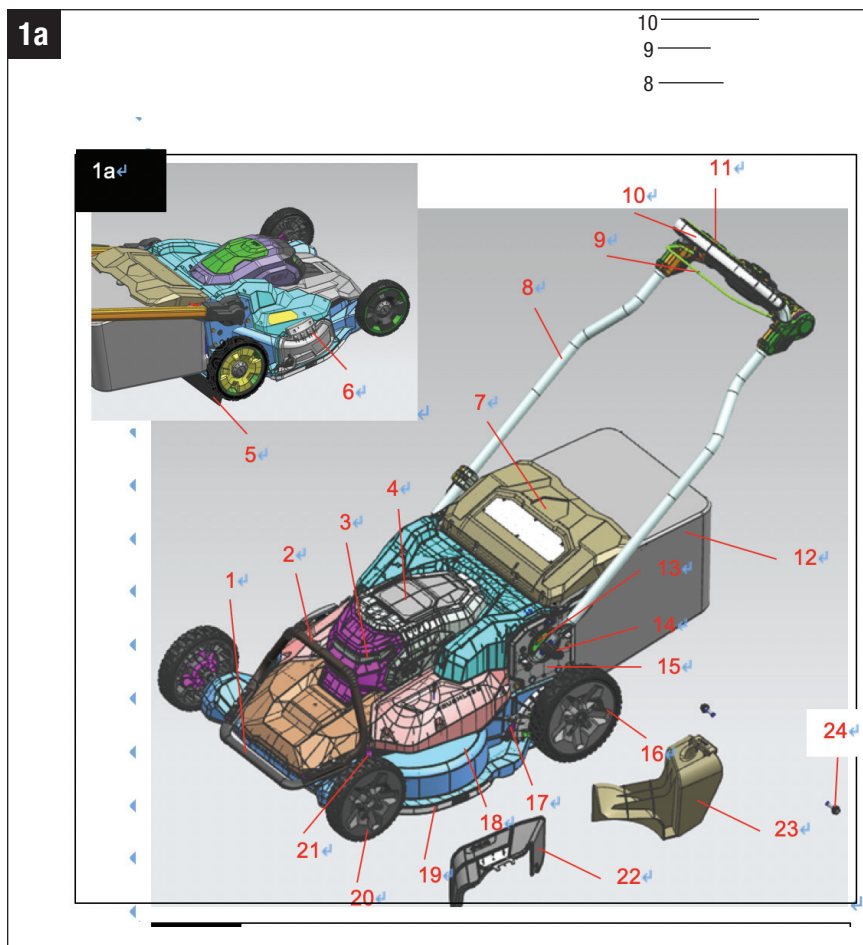
**⚠ WARNING:** The following part is subjected to be worn out from normal use. Use only identical EGO replacement parts listed below. Use of parts that do not meet the original equipment specifications may lead to improper performance and compromised safety.

PART NAME	MODEL NUMBER
Blade Set	AB3000D

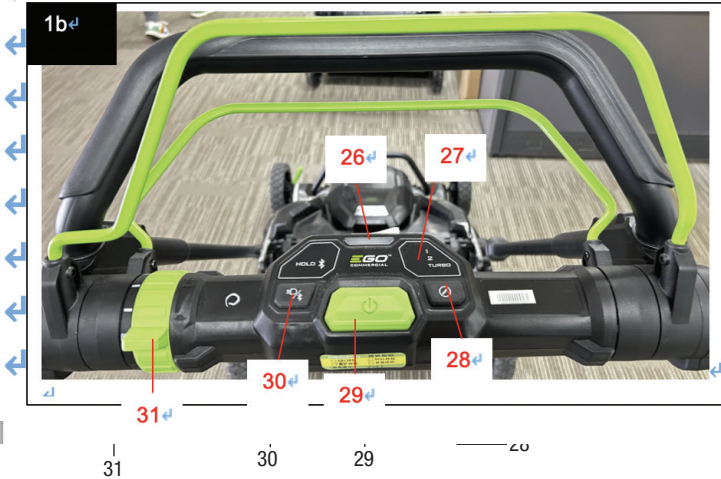
## DESCRIPTION

### KNOW YOUR LAWN MOWER (Fig. 1a & 1b)

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







- |                                |  |
|--------------------------------|--|
| 1. Front Bumper                | 17. Rear Cutting-height Adjustment Lever     |
| 2. Middle Bumper (Lift Handle) | 18. Deck                                     |
| 3. LED Headlight               | 19. Side Bumper                              |
| 4. Battery Compartment Cover   | 20. Front Wheel                              |
| 5. Trailing Shield             | 21. Front Cutting-height Adjustment Lever    |
| 6. Side-discharge Door         | 22. Side-discharge Chute                     |
| 7. Rear-discharge Door         | 23. Mulching Insert                          |
| 8. Side Rail                   | 24. Long Bolt-                               |
| 9. Blade Rotation Trigger      | 25. Bluetooth® Indicator                     |
| 10. Handle                     | 26. Mower Status Indicator                   |
| 11. Self-propel Trigger        | 27. Blade Speed Indicator                    |
| 12. Grass Bag                  | 28. Blade Speed Mode Button                  |
| 13. Locking Gear               | 29. Power Button                             |
| 14. Wing Bolt                  | 30. LED Headlight Button (Bluetooth® Button) |
| 15. Supporting Plate           | 31. Self-propel Speed Dial                   |
| 16. Rear Wheel                 |  |



## **POWER BUTTON**

- When pressed briefly, the mower status indicator and the default blade speed indicator (mode 2) will light up.
- The power button must be pressed before the motor can be started.

## **BLADE ROTATION TRIGGER**

Turns the blade motor ON and OFF.

## **SELF-PROPEL SPEED DIAL**

Increases or decreases the self-propel speed.

## **SELF-PROPEL TRIGGER**

Turns the self-propel function ON and OFF.

## **BLADE SPEED MODE BUTTON**

Allows the user to select the blade speed mode, depending on grass conditions.

## **TRAILING SHIELD**

Designed to reduce the risk of injury from thrown objects and/or blade contact.

## **MULCHING INSERT**

For mulching the grass.

## **SIDE-DISCHARGE CHUTE**

Guides clippings toward the right of the mower

## **WING BOLT**

Locks/unlocks the handle position when adjusting the angle of the mower handle:

1. Storage Position
2. Upper Operating Position 3
3. Middle Operating Position 2

#### 4. Lower Operating Position 1

### **LED HEADLIGHT**

The LED headlight is located on the front of the mower. This feature provides illumination for increased visibility.

### **FRONT/REAR CUTTING-HEIGHT ADJUSTMENT LEVERS**

Allow you to adjust the cutting height of the front and the rear of the mower individually.

### **FRONT/SIDE BUMPERS**

Provide additional protection for the front/side of the deck.

### **MIDDLE BUMPER**

Provides additional protection for the battery compartment and serves as a lift handle.

### **BLUETOOTH® INDICATOR**

Indicates the Bluetooth® connection status.

**NOTE:** The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, inc. and any use of such marks by EGO is under license.

## ASSEMBLY

**⚠ WARNING:** To prevent accidental starting that could cause serious personal injury, always remove the battery pack(s) from the machine when assembling parts.

**⚠ WARNING:** Do not attempt to modify this machine 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

This product requires assembly.

- Remove all the accessories from the carton.

**⚠ CAUTION:** Heavy object. Two people are required to lift the mower.

- One person should grasp the middle bumper/lift handle and the other person should grasp two wing bolts to carefully lift the mower out of the carton.
- Make sure that all items listed in the “**PACKING LIST**” are included.
- Inspect the product carefully to make sure that 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 (factory-installed in the mower)	1
Wing Bolt (factory-installed in the mower)	2
Long Bolt	2
Side-discharge Chute	1
Operator's Manual	1

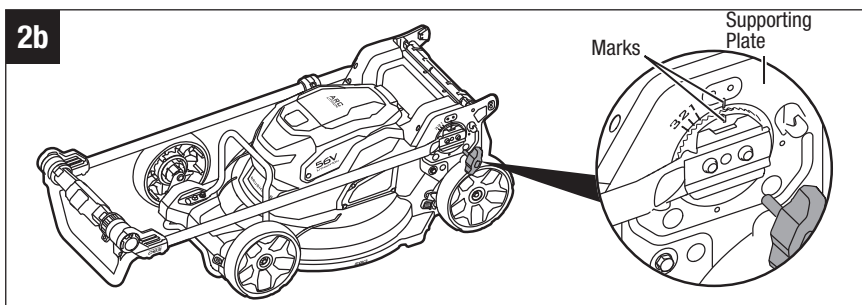
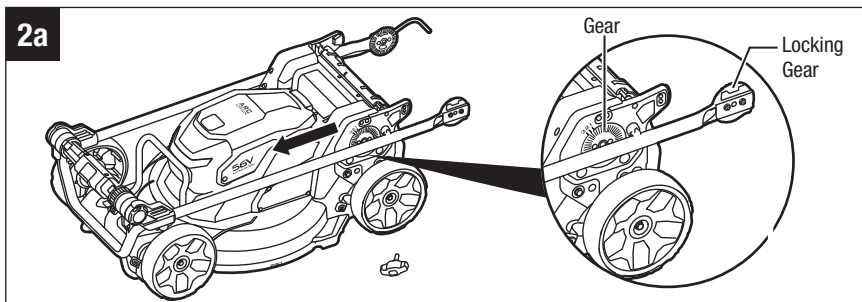
## INSTALLING THE HANDLE

### To install the handle with two wing bolts.

The lawn mower is shipped with the handle partially assembled.

**⚠ WARNING:** Do not attempt to start the lawn mower until the handle is properly and securely installed and unfolded. Use caution to avoid pinching fingers and cable between the parts of the handle.

1. Switch off the mower.
2. Remove the battery pack(s).
3. Position the lawn mower on a level surface.
4. Unscrew and put aside both wing bolts.
5. Move the handle forward until the locking gear on the handle assembly is facing the gear on the mower (Fig. 2a).
6. Align the marks on the locking gear and supporting plate (Fig. 2b).
7. Make sure that the hole for wing bolt in the handle is aligned with the hole in the gear in the mower, then insert and finger-tighten the wing bolts on both sides (Fig. 2b).

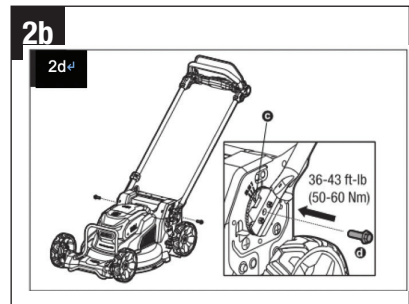
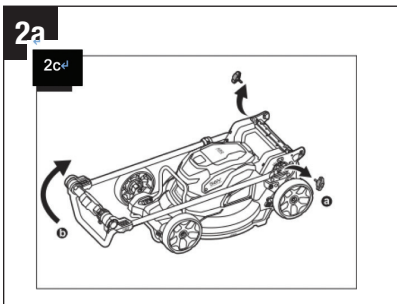


## To install the handle with two long bolts (Fig. 2c & 2d)

The long bolts are intended to securely fix the handle to the mower when the handle is in one of the three operating positions.

**⚠ WARNING:** Do not attempt to start the lawn mower until the handle is properly and securely installed and unfolded. Use caution to avoid pinching fingers and cable between the parts of the handle.

1. Switch off the mower.
2. Remove the battery pack(s).
3. Position the lawn mower on a level surface.
4. Unscrew and put aside both wing bolts (a).
5. Turn the handle upward (b) until the arrow mark on the locking gear aligns with one of the three operating positions on the supporting plate (c).
6. Hold the handle and use a 9/16 in. (14 mm) torque wrench (not included) to tighten the two long bolts **CLOCKWISE** (d). The recommended torque for the bolts is 36–43 ft-lb (50–60 N.m).

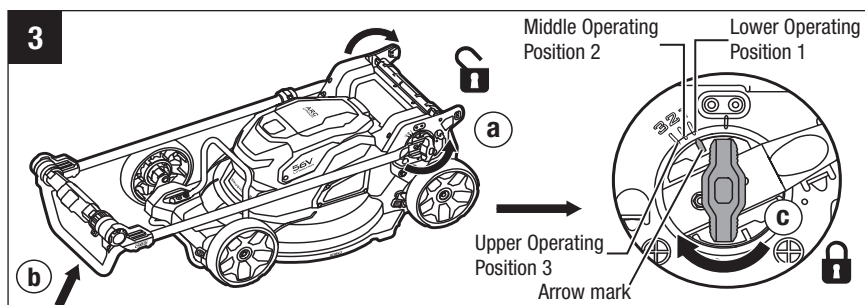


## UNFOLDING AND ADJUSTING THE HANDLE (FIG. 3)

**⚠ WARNING:** Be sure not to pinch, kink, or stress the cable when folding or unfolding the handle. Damaging the cable could impact the activation and operation of the lawn mower and result in an unsafe operating condition.

Do not attempt to start the mower and self-propel system until the handle has been locked at one of the three preset operating positions (Upper Operating Position 3, Middle Operating Position 2, and Lower Operating Position 1).

1. Switch off the mower.
2. Remove the battery pack(s).
3. Position the mower on a level surface.
4. Hold the handle and loosen the wing bolts COUNTERCLOCKWISE on both sides. Ensure that the two engaging gears are fully loosened but NOT separated (a).
5. Turn the handle upward until the arrow mark on the locking gear aligns with one of the three operating positions on the supporting plate (b).
6. Hold the handle and tighten the wing bolts CLOCKWISE on both sides. Ensure the two gears are fully engaged and the handle is securely fixed (c).

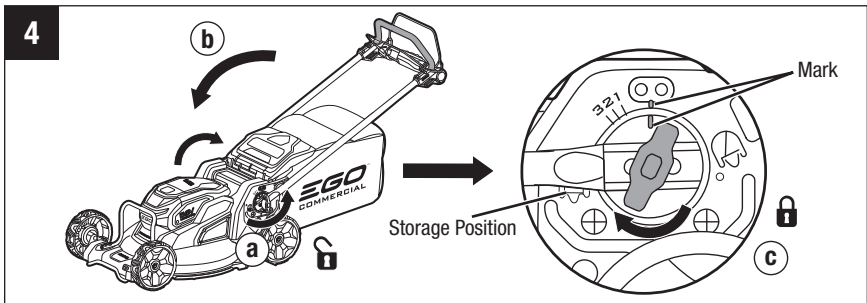




## FOLDING THE HANDLE (FIG. 4)

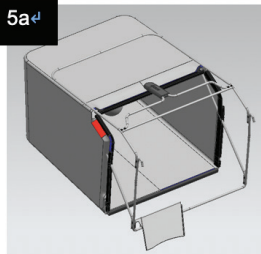
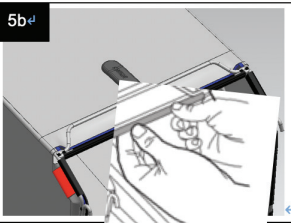
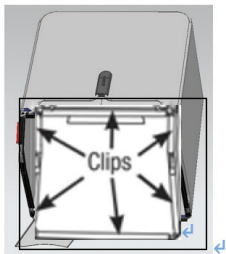
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3. Position the mower on a level surface.
4. Hold the handle and loosen the wing bolts COUNTERCLOCKWISE on both sides. Ensure the two engaging gears are fully loosened but NOT separated (a).
5. Turn the handle downward until the handle is in the storage position (b).
6. Align the arrow mark on the locking gear with the storage position mark on supporting plate.
7. Hold the handle and tighten the wing bolts CLOCKWISE on both sides. Ensure sure the two gears are fully engaged and the handle is securely fixed (c).



## ASSEMBLING THE GRASS BAG

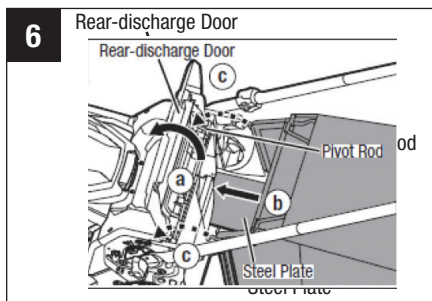
1. Check the grass bag before assembling, to make sure that there is no damage.
2. Slide the grass bag onto the frame, as shown in Fig. 5a.
3. Assemble the top clip to the frame, as shown in Fig. 5b, then assemble the two side clips. Assemble the bottom clip last.
4. The fully assembled grass bag is shown in Fig. 5c.

**5a****5b****5c****5c**

## ATTACHING/REMOVING THE GRASS BAG (FIG. 6)

Use the grass bag when you want to collect grass and leaf clippings from the lawn.

**⚠ WARNING:** Remove the mulching insert (factory-installed) and side-discharge chute before attaching the grass bag to the mower.



1. Switch off the mower and wait for the cutting blades to come to a complete stop.
2. Remove the battery pack(s).
3. Position the mower on a level surface.
4. Lift the rear-discharge door (a).
5. **REMOVE THE MULCHING INSERT (FACTORY-INSTALLED)** and the side-discharge chute.
6. First insert the steel plate of the grass bag into the mower (b), then hook the grass bag on the pivot rod (c). Release the rear-discharge door so that it rests on the grass bag.
7. **To remove the grass bag**, lift the rear-discharge door on the mower. Lift the grass bag up and off of the pivot rod.
8. Release the rear-discharge door.

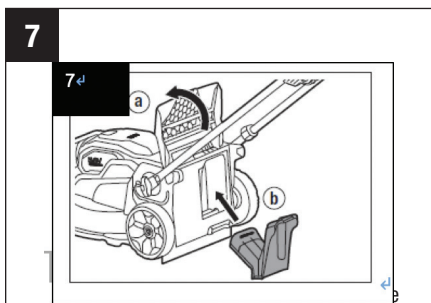
**⚠ WARNING:** When using the grass bag, never operate the mower unless the two hooks on the grass bag are firmly seated on the pivot rod and the rear-discharge door rests firmly against the top of the grass bag.

**⚠ WARNING:** Under normal usage, the grass bag material is subject to wear. To reduce the risk of injury, frequently inspect the grass bag and replace the bag if there are any signs of wear or deterioration. Only use grass bags manufactured for this mower.

## ATTACHING/REMOVING THE MULCHING INSERT (FIG. 7)

Use the mulching insert for recycling grass and leaf clippings back into the lawn.

**⚠ DANGER:** The machine can throw grass clippings and other objects through an opening in the machine housing. Objects thrown with enough force could cause serious personal injury or death to you or to bystanders.



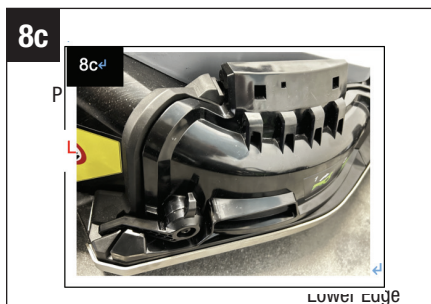
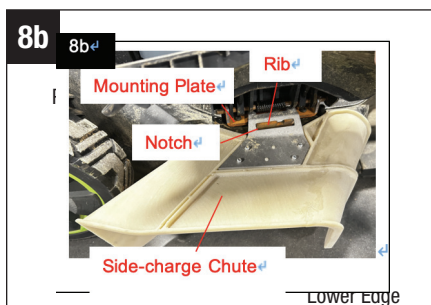
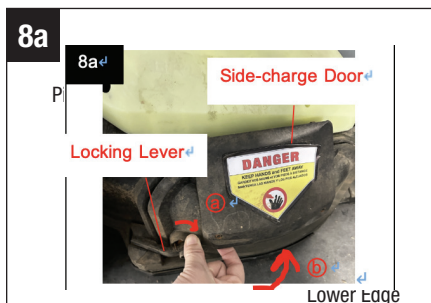
1. Switch off the mower.
2. Remove the battery pack(s).
3. Position the mower on a level surface.
4. Remove the grass bag and the side-discharge chute.
5. Lift the rear-discharge door (a).
6. Grasp the handle of the mulching insert and fully insert it into the mower (b), so that it is secured in place.
7. Release the rear-discharge door and make sure it rests firmly against the mulching insert.
8. **To remove the mulching insert**, lift the rear-discharge door, grasp the handle of the mulching insert, and pull it out.
9. Release the rear-discharge door.

## ATTACHING/REMOVING THE SIDE-DISCHARGE CHUTE (FIG. 8a–8c)

Use the side-discharge chute for cutting very tall grass.

1. Switch off the mower.
2. Remove the battery pack(s).
3. Position the mower on a level surface.
4. Lift the rear-discharge door.
5. Remove the grass bag and attach the mulching insert, and then release the rear-discharge door.
6. Press and hold the locking lever (a) of the side-discharge door so that the lever is raised, and then lift the side-discharge door (b).
7. Install the notch of the side-discharge chute onto the rib of the mounting plate. Check to see that it is secured in place.
8. **To remove the side-discharge chute**, lift the side-discharge door, lift the side-discharge chute up and pull it out.
9. Release the side-discharge door so that it closes and lower the locking lever back to its original position, ensuring that the side-discharge door is locked.

**⚠ WARNING:** Ensure the mulching insert is in place before attaching the side-discharge chute.



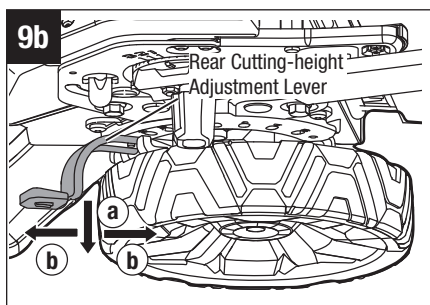
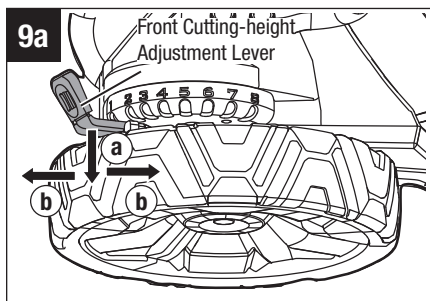
## CUTTING-HEIGHT ADJUSTMENT (FIG.9a & 9b)

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

The mower can be set to 9 different cutting heights between 1 in. (25 mm) and 5 in. (125 mm). A marking next to each cutting height measurement indicates the selected cutting height.

This mower allows you to adjust the cutting height of the front and the rear of the mower individually.

**⚠ WARNING:** To keep balance during mowing, please adjust both front and rear cutting heights at identical settings. For example, the front wheel cutting height is set to 1 in (25 mm), the rear wheel MUST also be set to 1 in (25 mm), the front wheel is 1-1/4 in (32 mm), the rear wheel is 1-1/4 in (32 mm), and so on, refer to below list, inconsistent height between front and rear wheel may cause accidental injury and tip the grass bag down.



Front wheel cutting-height setting	Rear wheel cutting-height setting
1 in (25 mm)	1 in (25 mm)
1-1/4 in (33 mm)	1-1/4 in (33 mm)
1-3/4 in (44 mm)	1-3/4 in (44 mm)
2-1/2 in (58 mm)	2-1/2 in (58 mm)
3 in (72 mm)	3 in (72 mm)
3-1/2 in (86 mm)	3-1/2 in (86 mm)
4 in (101 mm)	4 in (101 mm)
4-1/2 in (114 mm)	4-1/2 in (114 mm)
5 in (125 mm)	5 in (125 mm)

Choose the proper cutting height according to the type and condition of the grass to be cut.

1. Switch off the mower and wait for the cutting blades to come to a complete stop.
2. Remove the battery packs.
3. Pull the front or rear cutting height adjustment lever out of the detent(step a) and set it to the desired position(b).

**NOTE:** To avoid overloading the motor, avoid setting the cutting height too low in tall grass. If the motor speed begins to slow, raise the cutting height.

## OPERATION

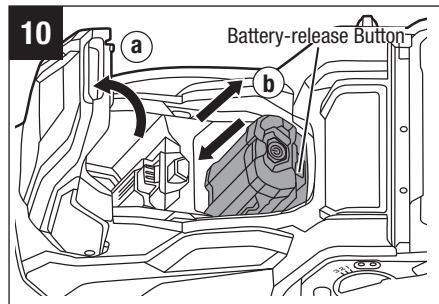
**⚠ WARNING:** Always remove the battery pack(s) from the product when you are assembling parts, making adjustments, cleaning, or when not in use. Removing the battery pack(s) will prevent accidental starting that could cause serious personal injury.

### ATTACHING/DETACHING THE BATTERY PACKS (FIG. 10)

**NOTE:** Charge the battery pack before first use.

**NOTE:** For best performance, we recommend using EGO Battery packs totaling 7.5 Ah or greater capacity.

**NOTE:** The mower has two active battery ports. It can operate off of one or two battery packs. Using two battery packs gives you a longer runtime and efficient power draw managed by PEAK POWER™ technology.



1. Open the battery compartment cover by lifting the rear of the cover (a).
2. Align the grooves in the battery pack with the raised ribs in the battery compartment, and then insert the battery pack into the compartment (b).
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. Repeat the process to install the second battery pack.

**NOTE:** Make sure that the latch on the battery compartment snaps into place when closed and that the battery pack is secured to the mower before starting operation.

5. **To detach the battery pack**, depress the battery-release button to release the battery pack, and then lift it out of the battery compartment.
6. Repeat the process to detach the second battery pack.
7. Close the battery compartment cover.

## SELECTING BLADE SPEED MODE (FIG. 11)

### Select Blade Speed Mode

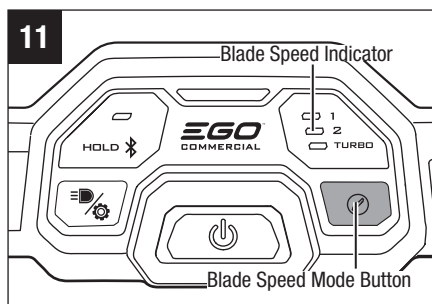
The mower features three blade speed modes:

- Mode **TURBO** is the fastest blade speed mode and provides high-lift performance to improve suction force and cutting performance.
- Mode **2** is the best balance between performance and runtime.
- Mode **1** mode provides the lowest noise level and longest runtime from your battery pack(s).

**NOTE:** Higher blade speed will significantly affect runtime.

Select between **mode 1**, **mode 2**, and **mode TURBO** by sequentially pressing the blade speed mode button.

**NOTE:** The default blade speed mode is **mode 2**.





## BLUETOOTH® WIRELESS TECHNOLOGY

Products with built-in Bluetooth® wireless technology can connect to mobile devices.

Please visit [www.egocommercial.com](http://www.egocommercial.com) for instructions on how to use the Bluetooth® function.

The Bluetooth® indicator will light up when the machine is connected to your mobile device.

## STARTING/STOPPING THE MOWER

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

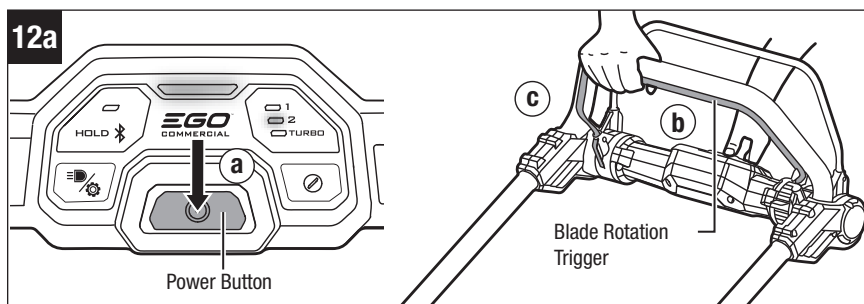
**⚠ WARNING:** Ensure that other people and pets remain at least 100 ft. (30 m) away from the mower when it is in use.

**NOTICE:** The blade will continue to rotate for a few seconds after the mower is turned off. Allow the motor/blade to stop rotating before starting it again. Do not rapidly turn the mower off and on.

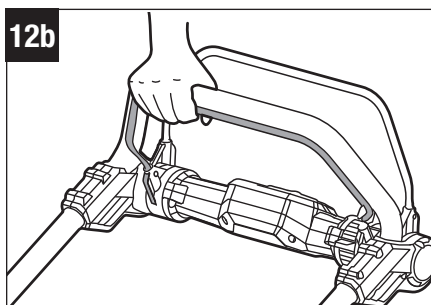
**⚠ CAUTION:** Do not attempt to override the operation of the power button and blade rotation trigger.

**NOTE:** The motor cannot be started unless the handle is locked in one of the three operating positions.

## To start the mower (Fig. 12a & 12b)



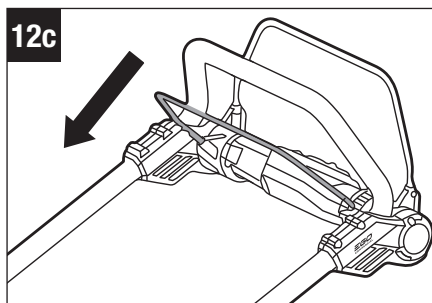
1. Attach the battery pack(s) to the mower and close the battery compartment cover.
2. Press the power button (a) to illuminate the dashboard and the mower status indicator. The blade speed indicator for **mode 2** will light up (Fig. 12a).



3. Press the blade speed mode button to select the desired speed. Refer to the section “**Select Blade Speed Mode**” in this manual.
4. Press and hold the power button (b).
5. With the power button pressed, pull the blade rotation trigger to meet the handle (c). The mower will start (Fig. 12a).
6. Release the power button (Fig. 12b).

## To stop the mower (Fig. 12c)

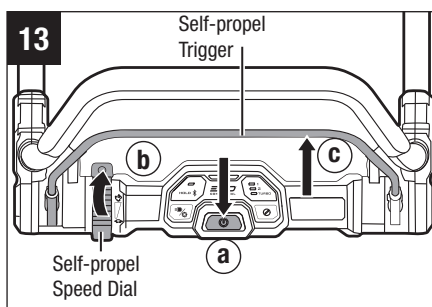
1. Fully release the blade rotation trigger.
2. The electric brake in the Automatic Braking Mechanism will stop the blade rotation within 3 seconds of the blade rotation trigger release.



## VARIABLE-SPEED SELF-PROPEL SYSTEM (FIG. 13)

The mower is equipped with variable-speed, self-propel capability. To increase the speed, rotate the self-propel speed dial forward. To decrease the speed, rotate the self-propel speed dial backward.

**NOTE:** The handle must be locked into one of the three operating positions before starting the self-propel system.



**NOTICE:** When the self-propel speed dial is rotated backward to the lowest position, the self-propel function will not function. **WHEN THE MOWER IS SHIPPED, THE SPEED DIAL IS FACTORY-SET AT THE LOWEST(OFF) POSITION.** Before starting the self-propel function for the first time, slightly rotate the self-propel speed dial forward.

This self-propel system is independent from the blade rotation. For example, when you have completed cutting your lawn, you can use the self-propel to move the mower back to your storage location without blade rotation. Or you may choose to operate the mower as a push mower to maximize battery runtime.

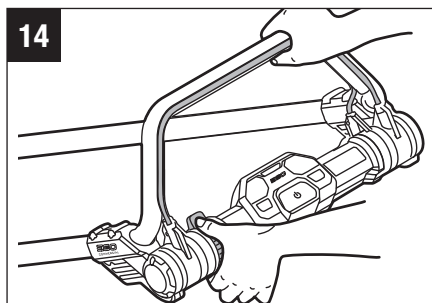
## To operate the self-propel system without blade rotation

1. Press the power button to illuminate the dashboard.
2. Slightly rotate the self-propel speed dial forward until a click can be heard, then pull the self-propel trigger to meet the handle to start the self-propel function.

**To turn the self-propel off,** release the self-propel trigger.

## USING SELF-PROPEL SYSTEM WITH THE BLADE ROTATING (FIG. 14)

1. Press the power button to illuminate the dashboard.
2. Press the blade speed mode button to select the desired speed.
3. Press and hold the power button.
4. With the power button pressed, pull the blade rotation trigger against the handle to start the mower, then release the power button.
5. Hold the blade rotation trigger against the handle with one hand. Pull the self-propel trigger against the handle with the other hand to start the self-propel function.
6. With one hand holding both the blade rotation trigger and the self-propel trigger against the handle, use the other hand to adjust the self-propel speed dial to choose the desired speed.



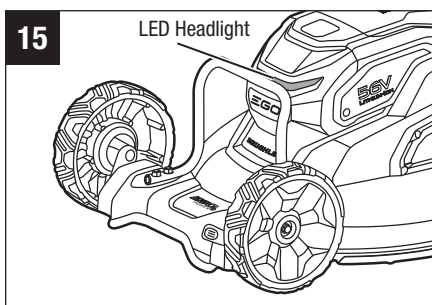
**⚠ WARNING:** To reduce the risk of injury, never attempt to override the operation of the blade rotation trigger or self-propel trigger. Use the self-propel system for its intended purpose only.

## LED HEADLIGHT (FIG. 15)

The LED headlight is located on the front of the battery compartment (Fig. 15).







**To turn on the headlight,** press the LED headlight button. The headlight provides bright light in front of the mower.

**To turn off the headlight,** press the LED headlight button again.



## MOWER STATUS INDICATOR (SEE Fig. 1b)

The mower status indicator on the dashboard displays the working status of the mower.

Indicator	Description	Meaning	Action
	Solid green	Mower is working properly.	None required.
	Flashing green	The handle is not locked in an operating position.	Stop the mower and make sure that the handle is locked in one of the three operating positions.
	Flashing red	Low battery charge.	Stop the mower and charge the battery pack(s).
	Solid orange	Mower is overheated.	Release the blade rotation trigger and wait until the mower temperature drops below 176 °F (80 °C). See " <b>MOWER HIGH-TEMPERATURE PROTECTION</b> " below.
	Flashing orange	Mower is overloaded.	<ol style="list-style-type: none"> <li>1. Remove the battery pack(s), then check if grass has accumulated beneath the deck. Clean if necessary.</li> <li>2. Slow down the mowing pace and/or blade speed.</li> <li>3. Raise the cutting height.</li> <li>4. If the solutions above do not work, please contact EGO Customer Service.</li> </ol> <p>See "<b>MOWER OVERLOAD PROTECTION</b>" below.</p>
	Flashing red/green alternately	Mower electronics error.	Contact EGO Customer Service.

## **MOWER HIGH-TEMPERATURE PROTECTION**

If the mower temperature exceeds 194 °F (90 °C) during operation, the temperature-protection circuit will immediately shut off the mower to prevent overheating damage.

The mower status indicator will glow solid orange. Release the blade rotation trigger and wait until the overheated mower cools down and the status indicator turns green. Then restart the mower.

## **MOWER OVERLOAD PROTECTION**

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

Your mower has built-in overload circuit protection. When the mower is overloaded, the motor will stop and the mower status indicator on the dashboard will flash orange.

## MOWING TIPS

**NOTICE:** A sharp blade will greatly enhance the performance of the mower, especially when cutting tall 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.

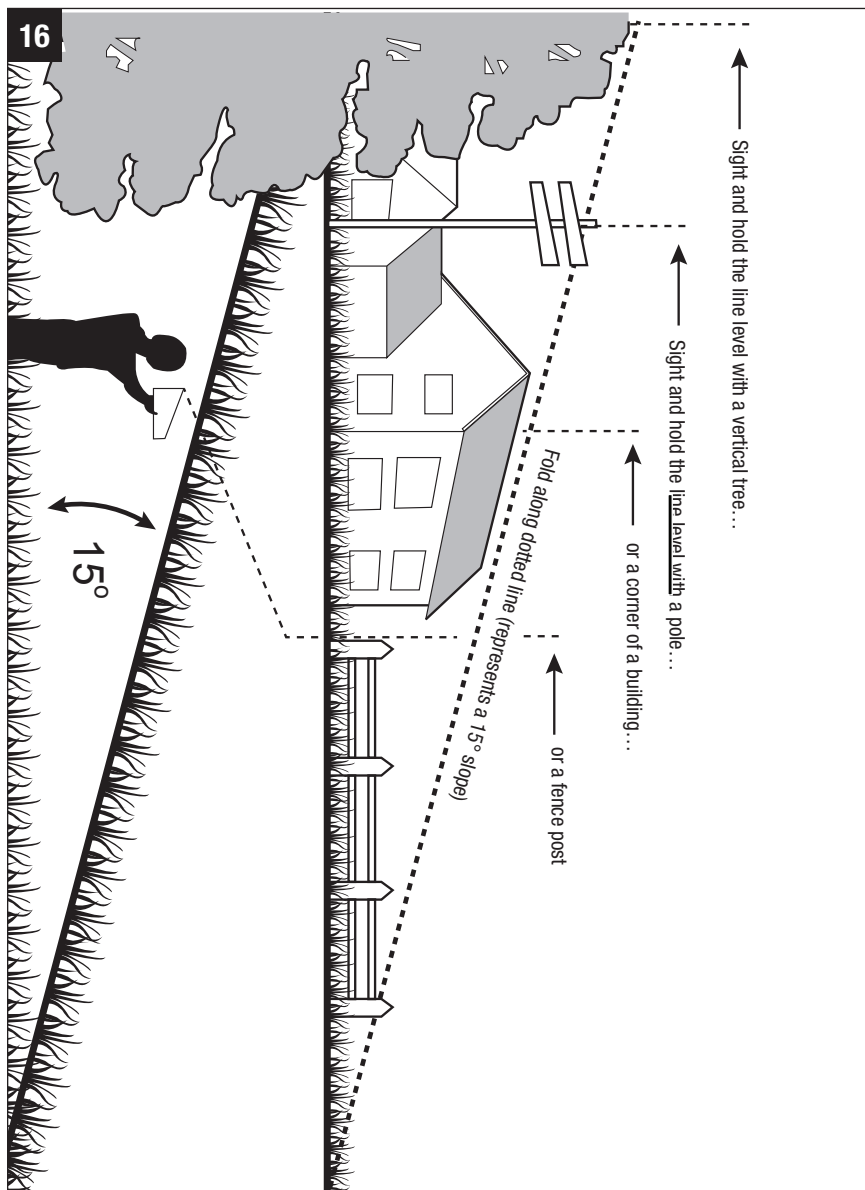
**⚠ WARNING:** If you strike a foreign object, stop the motor and remove the battery pack(s). Thoroughly inspect the mower for any damage, and repair the damage before restarting and operating the mower. Excessive vibration of the mower during operation is an indication of damage. The unit should be 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.
- To maintain a healthy lawn, cut off only one-third or less of the total length of the grass. The average lawn should be approximately 1-1/2 to 2 inches (38 to 53 mm) long during cool months, and between 2 to 3-1/4 inches (53 to 83 mm) long during hot months.

## SLOPE GAUGE (FIG. 16)

Do not mow a slope that has an angle of greater than 15° (a rise of approximately 2-1/2 ft. (0.75 m) every 10 ft. (3 m)). Mow across the face of a slope and never up and down.

Use Fig. 16 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 blade rotation trigger to turn off the mower when crossing any graveled areas; stones can be thrown by a rotating blade.
- Set the mower to the highest cutting height when mowing on uneven ground or in tall growth.
- For effective mulching, do not cut wet grass; it tends to stick to the underside of the deck, preventing the 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 the best mulching performance, set the cutting height to remove approximately one third of the grass blade length, ideally no more than 1-1/2 in. (38 mm) at one time. If the grass is overgrown, it may be necessary to raise the cut height to make it easier to mow and to prevent overloading the motor. Slow your mowing pace and cut in narrower rows when 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 a lower cut height. ALWAYS MAKE SURE THAT THE BLADE IS SHARP.

## MAINTENANCE

**⚠ WARNING:** To avoid serious personal injury, always remove the battery pack(s) 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:** Always remove the battery pack(s) from the mower before cleaning or performing any maintenance.

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; it will promote rust and corrosion.

Remove any buildup of grass and leaves on or around the drive shaft and motor fan (do not use water). Wipe the mower clean with a damp cloth.

### REPLACING THE BLADES

**⚠ WARNING:** A worn, cracked, or damaged blade can break, and pieces 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.

**⚠ 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 battery pack(s) when servicing or transporting the mower.

**NOTICE:** The following tools (not included) are required for replacing the blade:

- 9/16 in. (14 mm) wrench (impact wrench is recommended)
- 9/16 in. (14 mm) torque wrench
- A metal rod with a diameter of 1/4 in. (6.35 mm) or less
- A metal rod with a diameter of 5/16 in. (8 mm) or less

## To remove the blades

1. Stop the motor, remove the battery pack(s) and grass bag from the mower.
2. Turn the mower on its side.
3. Insert a metal rod (stabilizer 1) with a diameter of 5/16 in. (8 mm) or less in the stabilizer hole to prevent the blade from rotating when loosening the bolt.
4. Use the wrench to turn the blade bolt COUNTERCLOCKWISE to loosen and remove the bolt (Fig. 17a).

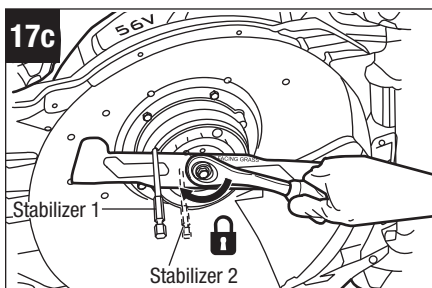
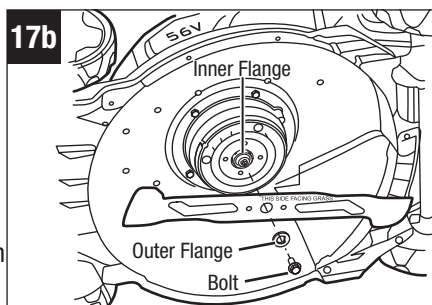
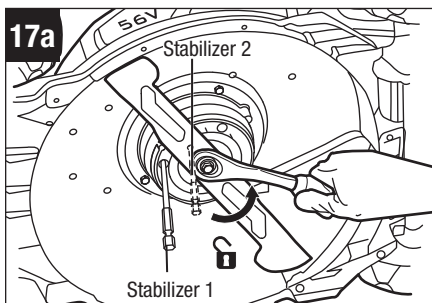
**NOTICE:** If the bolt rotates with the motor shaft when loosening the bolt, place another metal rod with a diameter less than 1/4 in. (6.35 mm) into the aligned holes of the blade and fan to act as stabilizer 2.

5. Remove the outer flange and the blade (Fig. 17b).
6. Leave the fan on the motor shaft.

## To replace the blades

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

7. Position the blade onto the inner flange of the fan with the surface marked “**THIS SIDE FACING GRASS**” facing toward the outside.
8. Align the outer flange with the shaft and assemble it in place.
9. Mount the bolt into the shaft and finger-tighten the bolt CLOCKWISE.
10. Insert the metal rod as shown in Fig. 17c.
11. Use the torque wrench to tighten the bolt CLOCKWISE. The recommended torque for the blade bolt is 36–43 ft-lb (50–60 N.m).



12. Repeat the process to replace the second blade.

**NOTICE:** If the bolt rotates with the motor shaft when tightening the bolt, insert a small metal rod with a diameter less than 1/4 in. (6.35 mm) to act as stabilizer 2.

## SHARPENING THE BLADES

**⚠ 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 blades. Always remove the battery pack(s) when servicing or transporting the mower.

**⚠ WARNING:** Use proper eye protection while removing, sharpening, and installing the blades.

**⚠ WARNING:** A worn, cracked, or damaged blade can break, and pieces 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 blades 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.

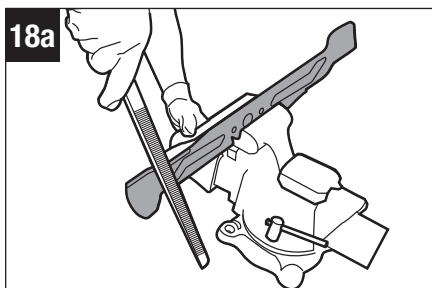
If the blade is found to be bent, take the lawn mower to an authorized EGO service center for inspection. Never attempt to straighten a bent blade by heating, or weld a cracked or broken blade.

## Sharpening Frequency

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

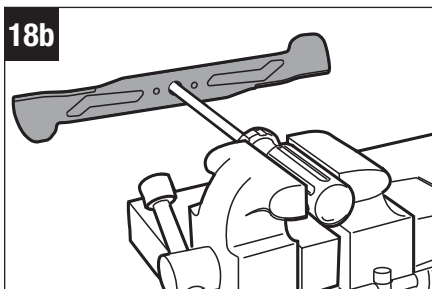
## When Sharpening the Blades:

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



## To Sharpen a Blade in a Vise:

1. Remove the blade from the mower.
2. Secure the blade in a vise (Fig. 18a).
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 screwdriver 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. 18b).
6. Replace the blade on the mower and tighten it securely.



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

## LUBRICATING THE MOWER

All of the bearings in this product are lubricated with a sufficient amount of high-grade lubricant for the life of the unit under normal operating conditions. Therefore, no further bearing lubrication is required.

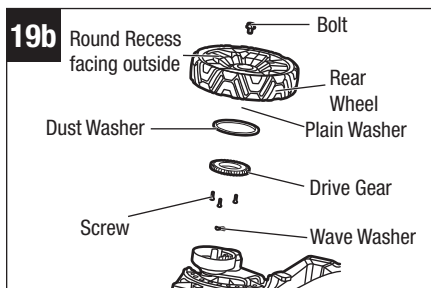
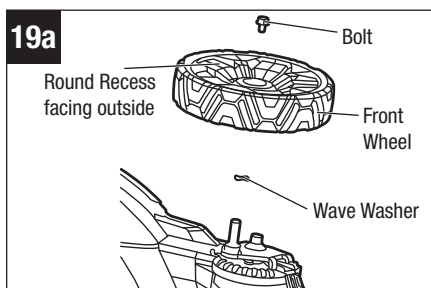
## REPLACING THE WHEELS (Fig. 19a, 19b & 19c)

**⚠ WARNING:** Always remove the battery pack(s) when servicing or transporting the mower.

1. Turn the mower on its side with the top of the mower against a wall.
2. Use an adjustable or 1/2 in. (13 mm) wrench to turn the bolt **COUNTERCLOCKWISE** to loosen it.
3. Remove the bolt, the worn wheel, and the wave washer from the wheel axle.

**NOTE:** When replacing the rear wheel, remove the plain washer, the dust washer, and drive gear from the worn wheel and assemble them to the new wheel with the 3 screws.

4. Mount the wave washer and the new wheel on the wheel axle. Note that the round recess must face outward.
5. Lock the wheel with the bolt by tightening the bolt **CLOCKWISE**.

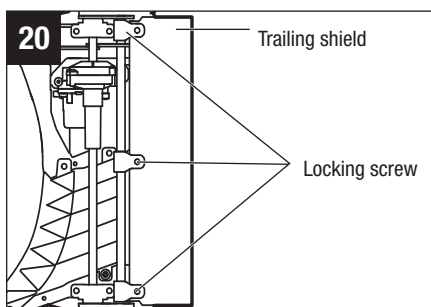


## REPLACING THE TRAILING SHIELD

**⚠ WARNING:** Always remove the battery pack(s) 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 if worn or damaged with only the identical replacement part.

1. Remove the battery pack(s)
2. Turn the mower on its side with the top of the mower against the wall.
3. Loosen and remove the three locking screws for the trailing shield; remove the worn trailing shield (Fig. 20).



4. Replace with a new trailing shield and attach it with the three locking screws.

## STORING THE MOWER

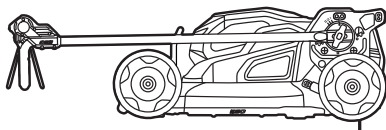
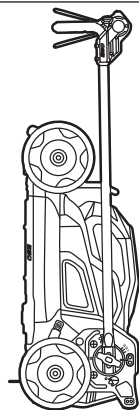
The following steps should be taken in order to prepare the lawn mower for storage.

1. Remove the battery pack(s) from the mower and store it/them at room temperature in a dry location.
2. Clean the mower as described earlier in the “**MAINTENANCE**” section.
3. Inspect the blade and replace it or sharpen it if required.
4. Store the mower in a dry, clean location. Do not store it next to corrosive materials, such as fertilizer or rock salt.
5. Store the mower in a covered and enclosed space that is cool and dry and out of the reach of children.
6. 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 can be folded for storage:

1. Remove the grass bag.
2. Adjust the front and rear cutting-height adjustment levers to the lowest setting.
3. Fold down the handle to the locked storage position. Refer to the section “**FOLDING THE HANDLE**” in this manual.
4. Store the mower flat (recommended) or upright (Fig. 21a & 21b).

**⚠ WARNING:** If the mower tips 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. It is strongly recommended to always lay the mower flat for storage.

**21a****21b**



# TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
The mower or self-propel function fails to start.	<ul style="list-style-type: none"> <li>■ The battery pack(s) charge is depleted.</li> </ul>	<ul style="list-style-type: none"> <li>■ Charge the battery pack(s).</li> </ul>
	<ul style="list-style-type: none"> <li>■ The battery pack(s) is not properly inserted into the battery compartment.</li> </ul>	<ul style="list-style-type: none"> <li>■ Insert the battery pack(s) into battery compartment until you hear a "click".</li> </ul>
	<ul style="list-style-type: none"> <li>■ The handle is not locked in an operating position and the mower status indicator flashes green.</li> </ul>	<ul style="list-style-type: none"> <li>■ Stop the mower and make sure that the handle is locked in one of the three operating positions.</li> </ul>
	<ul style="list-style-type: none"> <li>■ The mower deck is clogged with grass and debris.</li> </ul>	<ul style="list-style-type: none"> <li>■ Clean the mower deck and ensure that the blade has freedom of movement</li> </ul>
The mower cuts unevenly.	<ul style="list-style-type: none"> <li>■ The blade(s) is dull.</li> </ul>	<ul style="list-style-type: none"> <li>■ Sharpen or replace the blade(s).</li> </ul>
	<ul style="list-style-type: none"> <li>■ The grass-cutting height is not set properly.</li> </ul>	<ul style="list-style-type: none"> <li>■ Move the deck height to a higher setting.</li> </ul>
	<ul style="list-style-type: none"> <li>■ The blade(s) is installed incorrectly.</li> </ul>	<ul style="list-style-type: none"> <li>■ Re-install the blade(s), following the section "<b>REPLACING THE BLADES</b>" in this manual.</li> </ul>
	<ul style="list-style-type: none"> <li>■ The blade speed mode is not set properly.</li> </ul>	<ul style="list-style-type: none"> <li>■ Select a proper blade speed mode.</li> </ul>
	<ul style="list-style-type: none"> <li>■ The grass-cutting height settings between front and rear wheel are not consistent.</li> </ul>	<ul style="list-style-type: none"> <li>■ Adjust front and rear wheel at identical cutting height.</li> </ul>
The mower does not mulch properly.	<ul style="list-style-type: none"> <li>■ Wet grass clippings are sticking to the underside of the deck.</li> </ul>	<ul style="list-style-type: none"> <li>■ Wait until the grass dries before mowing.</li> </ul>
	<ul style="list-style-type: none"> <li>■ The mower is set to cut too much grass at once.</li> </ul>	<ul style="list-style-type: none"> <li>■ Raise the deck to a higher cutting-height setting.</li> </ul>
	<ul style="list-style-type: none"> <li>■ The blade speed mode is not set properly.</li> </ul>	<ul style="list-style-type: none"> <li>■ Set blade speed to a lower setting.</li> </ul>

PROBLEM	CAUSE	SOLUTION
The mower unexpectedly stops while mowing.	<ul style="list-style-type: none"> <li>■ The battery pack(s) charge is depleted.</li> </ul>	<ul style="list-style-type: none"> <li>■ Charge the battery pack(s).</li> </ul>
	<ul style="list-style-type: none"> <li>■ The mower is overloaded and the mower status indicator flashes orange.</li> </ul>	<ul style="list-style-type: none"> <li>■ Check if grass has accumulated beneath the deck and clean if needed. Raise the cutting height or slow down the mowing pace.</li> </ul>
	<ul style="list-style-type: none"> <li>■ The mower deck is clogged with grass and debris.</li> </ul>	<ul style="list-style-type: none"> <li>■ Unclog the mower deck. Raise the cutting height and/or cut in narrower rows.</li> </ul>
	<ul style="list-style-type: none"> <li>■ The battery pack(s) or mower circuitry is too hot. If the battery pack(s) is overheated, the mower status indicator turns off. If the mower is overheated, the mower status indicator glows solid orange.</li> </ul>	<ul style="list-style-type: none"> <li>■ Allow the battery pack(s) or mower to cool down.</li> </ul>
	<ul style="list-style-type: none"> <li>■ The blade speed mode is not set properly.</li> </ul>	<ul style="list-style-type: none"> <li>■ Set the blade speed to a lower setting.</li> </ul>
	<ul style="list-style-type: none"> <li>■ There is an electronics error and the mower status indicator flashes red/green alternately.</li> </ul>	<ul style="list-style-type: none"> <li>■ Contact EGO Customer Service.</li> </ul>

PROBLEM	CAUSE	SOLUTION
There is excessive vibration.	■ The cutting blade(s) is loose.	■ Tighten the blade bolt(s).
	■ The cutting blade(s) is unbalanced.	■ Balance the blade(s) following the section “ <b>SHARPENING THE BLADES</b> ”.
	■ The cutting blade(s) is bent.	■ Replace the blade(s).
	■ The motor shaft is bent.	■ Contact the EGO Customer Service.
	■ The mower is set to cut too much grass at once.	■ Raise the deck to a higher cutting-height setting.
	■ The shaft bolt(s) speed mode is not set properly.	■ Set the blade speed to a lower setting.
The motor works, but the blade doesn't cut the grass.	■ The blade is not tightened to the required torque.	■ Re-tighten the shaft bolt(s). The recommended torque for the blade bolt is 36–43 ft–lb (50-60 N.m).



# EGO LIMITED WARRANTY

## WARRANTY POLICY TERMS AND DURATION

Chervon North America, Inc. ("Chervon North America, Naperville, IL 60563") provides the following Limited Warranty for EGO products to the original purchaser of EGO products.

The detailed warranty period for each EGO product can be found online at <https://www.egocommercial.com/pages/warranty-policy>.

**Please contact EGO Customer Service Toll-Free at 1-855-EGO-5656** any time you have questions or warranty claims.

## LIMITED SERVICE WARRANTY

EGO products are warranted against defects in material or workmanship from the date of original retail purchase for the applicable warranty period. For any properly and timely submitted warranty claim, if Chervon North America determines a product to be defective during the warranty period, the product will receive free repair or replacement as determined by Chervon North America.

## HOW TO OBTAIN SERVICE

For warranty service, within the applicable warranty period, please contact EGO customer service toll-free at **1-855-EGO-5656**. When requesting warranty service, you must present the original dated sales receipt. An authorized service center will be selected to evaluate and repair the product if defective according to the stated warranty terms. When bringing your product to the authorized service center, there may be a small deposit that will be required when dropping off your tool. This deposit is refundable when the repair service is deemed to be covered under warranty. The purchaser is responsible for transportation of any outdoor power equipment or attachments at their expense.

## ADDITIONAL LIMITATIONS & EXCLUSIONS

This limited warranty applies only to the original purchaser from an authorized EGO retailer and is not transferable. EGO products shall not be considered defective, and this warranty will not apply, where the claimed defect is attributable to any cause other than the above-defined defects. This warranty shall be void if the product has been used for rental purposes. This warranty shall not apply to damage caused by accident, abuse, misuse, alteration, modification, unauthorized repair, liquid contact, fire, earthquake or other external cause; operating the product outside EGO's instructions, specifications or guidelines; or failure to properly service or maintain the product. This warranty also does not apply to cosmetic damage, including but not limited to scratches or dents; defects caused by normal wear and tear or otherwise due to the normal aging of the product.

THIS EXPRESS WARRANTY IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE OR USE, WHICH ARE DISCLAIMED. Any implied warranties, including warranties of merchantability or fitness for a particular purpose, that cannot be disclaimed under state law are limited to the applicable warranty period defined at the beginning of this article. The sole and exclusive remedy in connection with the purchase, installation, use, and/or performance of the EGO products is repair or replacement of the product as determined by Chervon North America. Chervon North America's maximum liability shall not in any case exceed the purchase price paid for the product. CHERVON NORTH AMERICA SHALL NOT BE LIABLE TO THE USER OR TO ANYONE ELSE FOR CONSEQUENTIAL, INCIDENTAL, SPECIAL, EXEMPLARY, INDIRECT, OR PUNITIVE DAMAGES ARISING FROM USE OF THE PRODUCTS, INCLUDING BUT NOT LIMITED TO PERSONAL INJURY, DEATH, PROPERTY DAMAGE, LOST PROFITS, OR OTHER ECONOMIC INJURY. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow limitations on how long an implied warranty lasts, the exclusion or limitation of incidental or consequential damages, or the limitations on time to bring certain actions, so such limitations contained herein do not apply to individual consumers in those states.

This warranty is subject to and shall be interpreted according to Michigan law without regard to principles of conflicts of laws. No legal action shall be brought against Chervon North America unless filed within one (1) year after the basis for such legal action becomes known, or with the exercise of reasonable diligence should have become known. Any action not timely filed shall be deemed waived.

For customer service contact us toll-free at: **1-855-EGO-5656** or **EGOCommercial.Com.**

EGO Customer Service  
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Grand Rapids, Michigan 49504.



