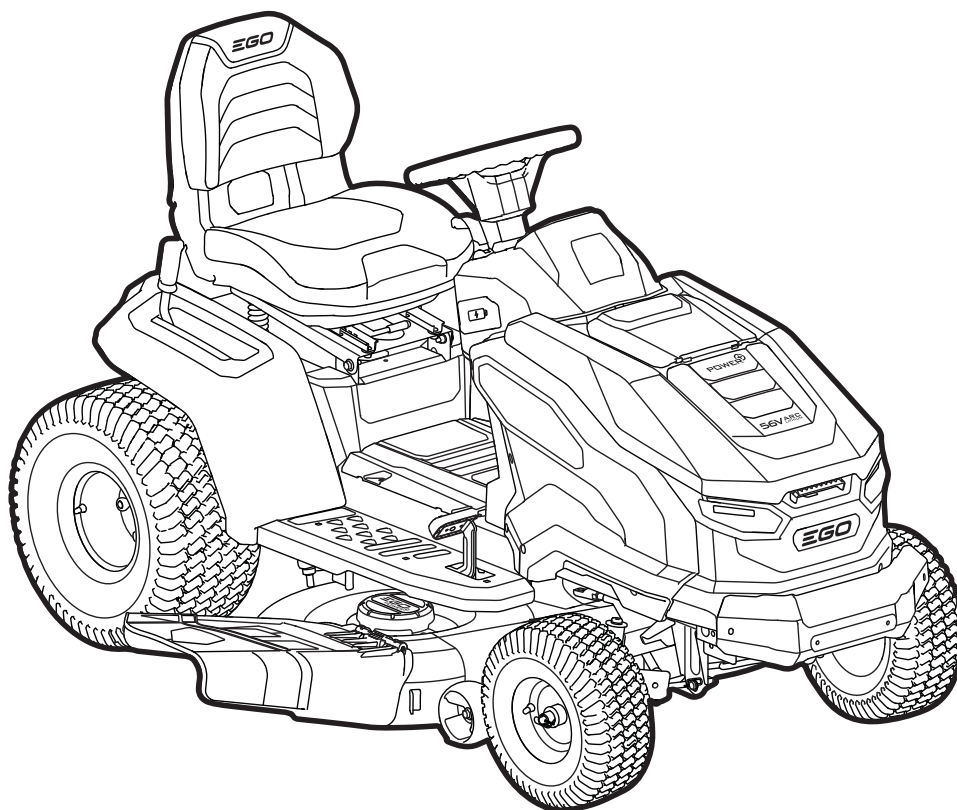




POWER⁺ T6 TRACTOR

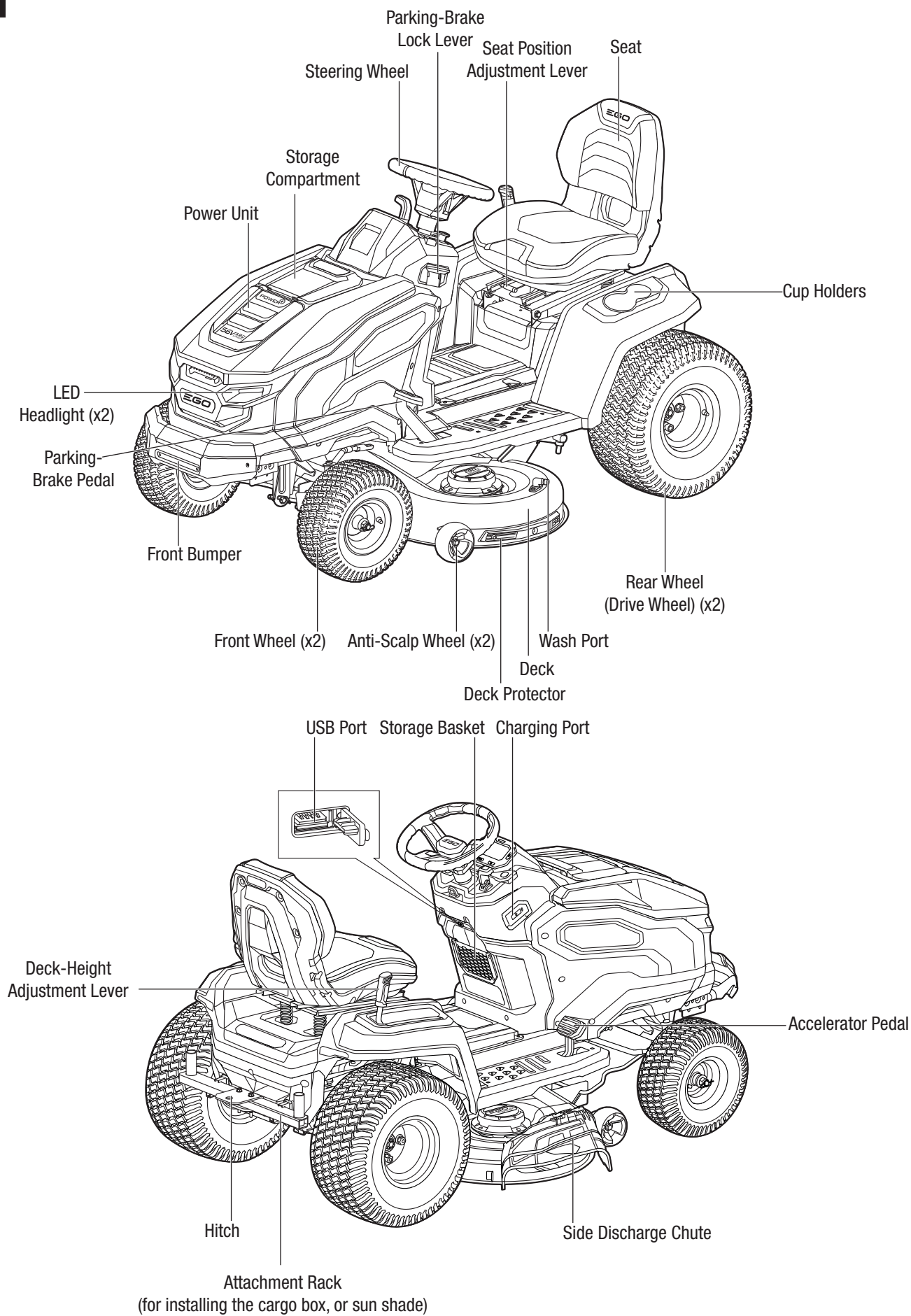


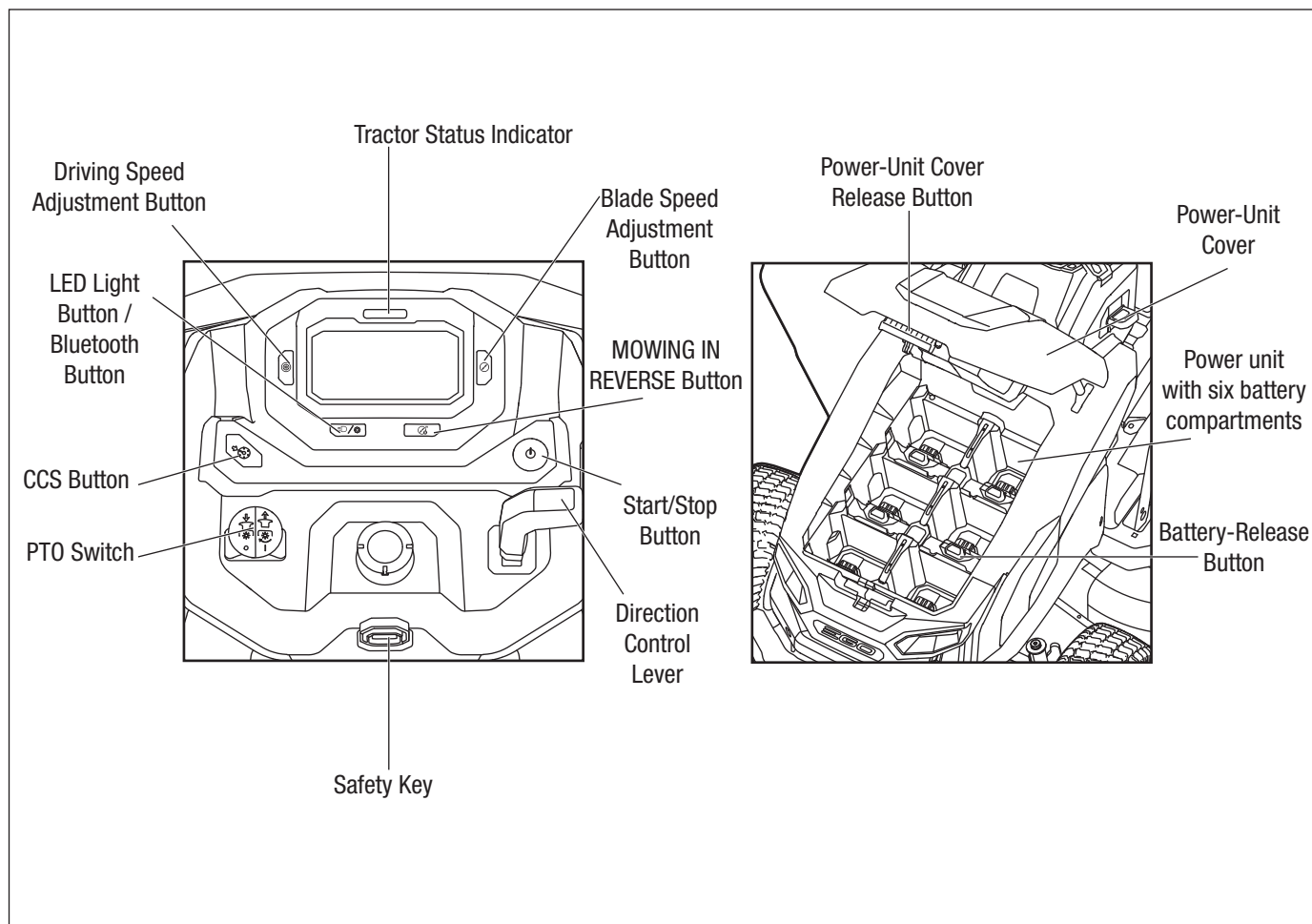
OPERATOR'S MANUAL

56 VOLT LITHIUM-ION ELECTRIC LAWN TRACTOR

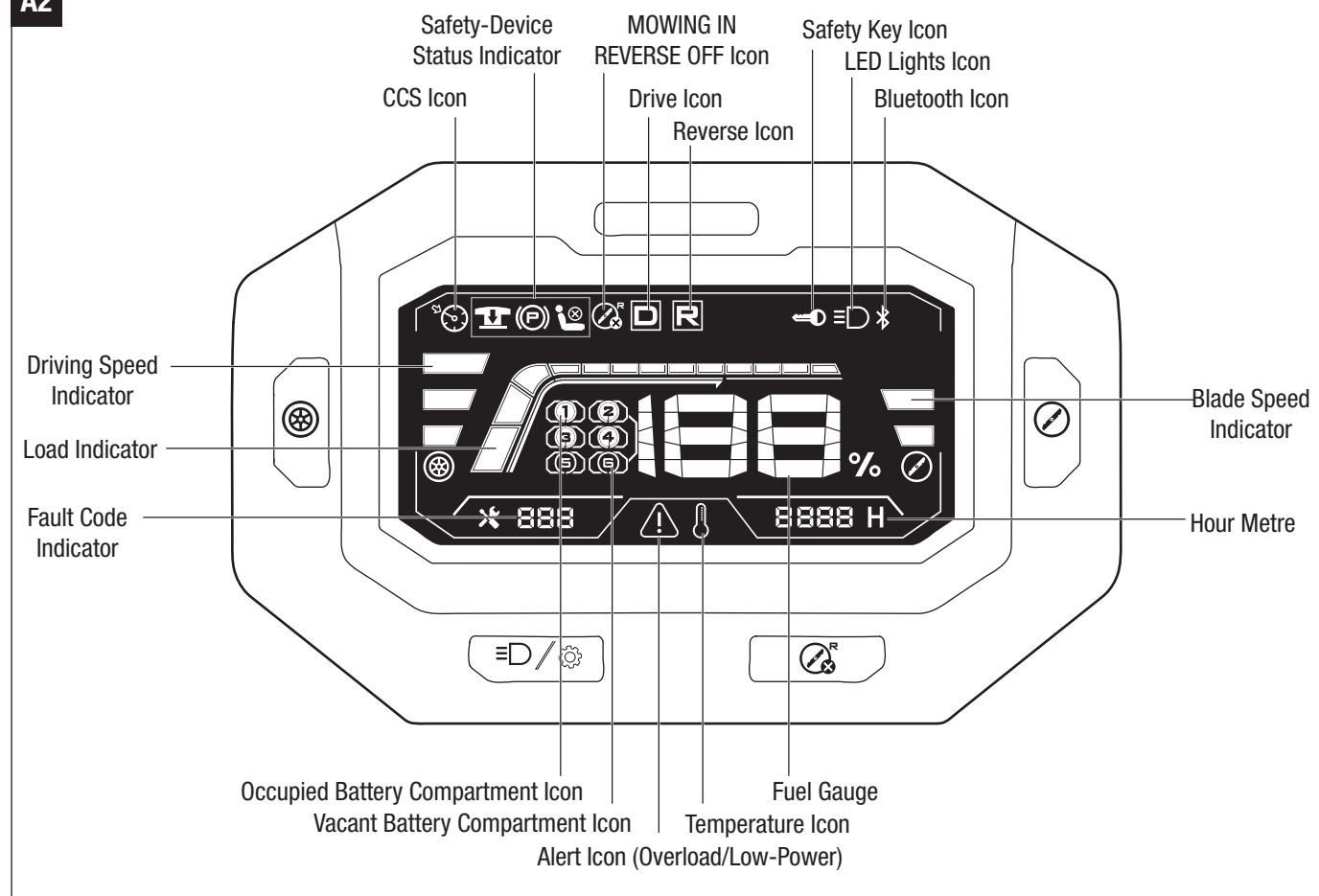
MODEL NUMBER TR4200E

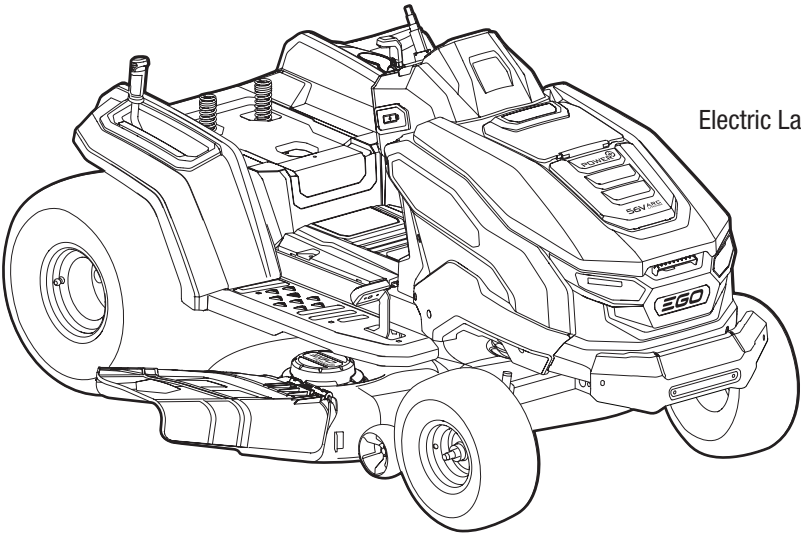
⚠ WARNING: To reduce the risk of injury, the user must read and understand the Operator's Manual before using this product. Save these instructions for future reference.





A2

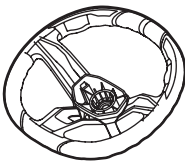




Electric Lawn Tractor

X 1

Steering Wheel



X 1

Dust Cap



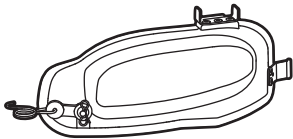
X 1

Seat



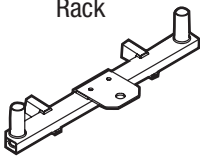
X 1

Mulching Plug



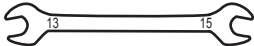
X 1

Attachment Rack



X 1

Combination Wrenches



X 2

18mm Socket Wrench



X 1

M12 Nuts
(1 for backup)



X 2

Washers
(1 for backup)



X 2

Step Bolts
(1 for backup)



X 3

M8 Nuts
(1 for backup)



X 5

M8x70 Bolts



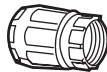
X 2

Safety Key



X 2

Wash-port
Quick Coupler

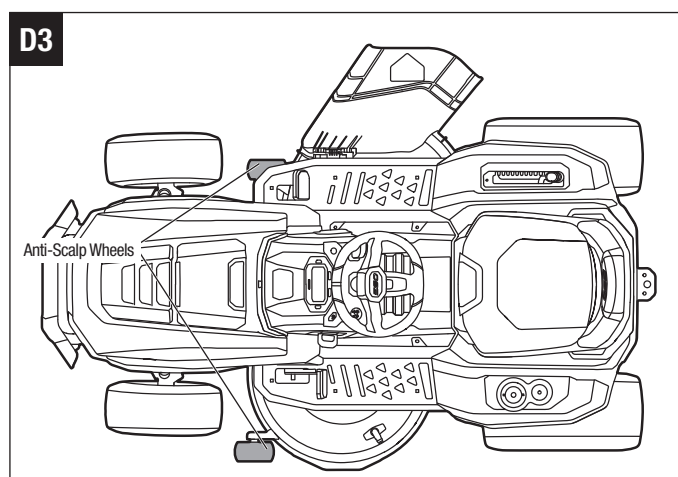
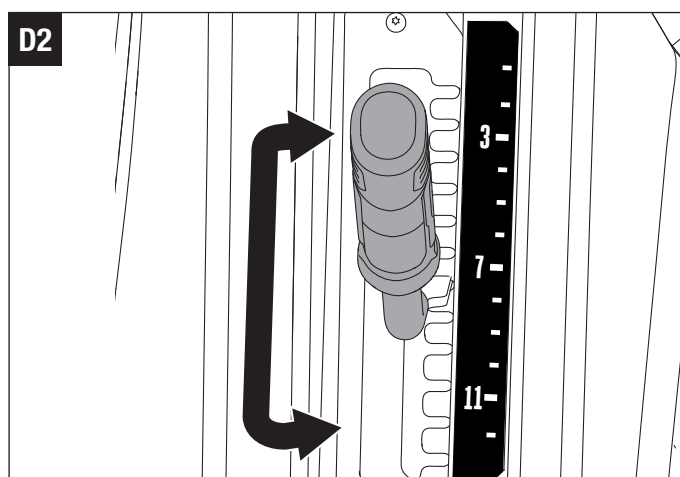
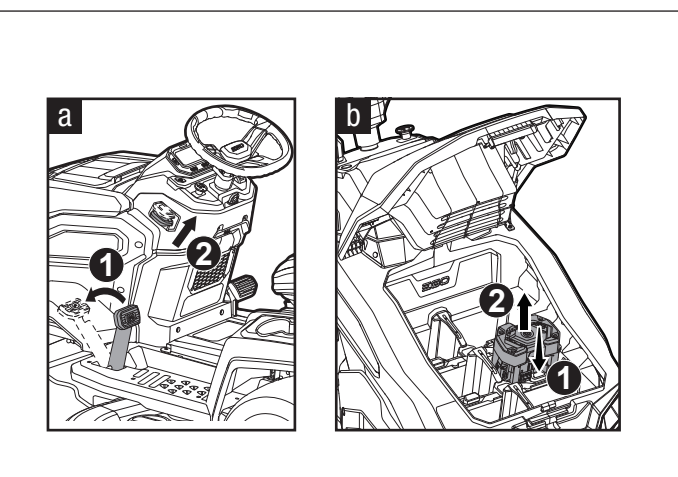
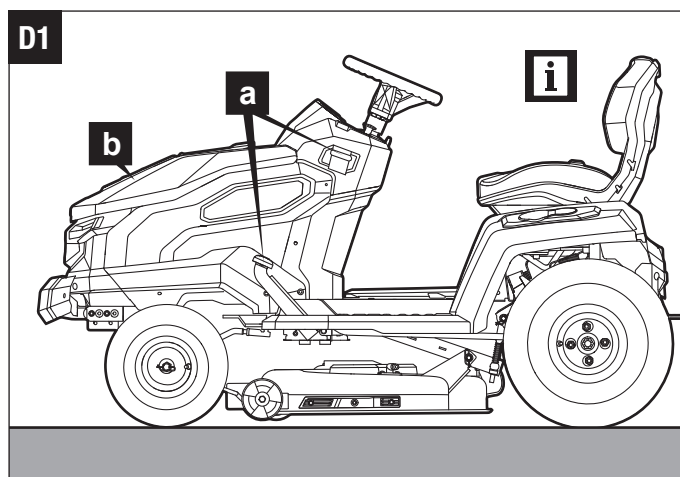
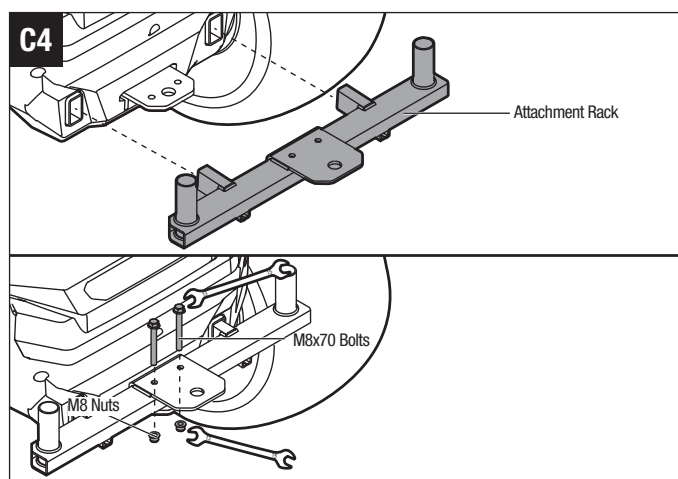
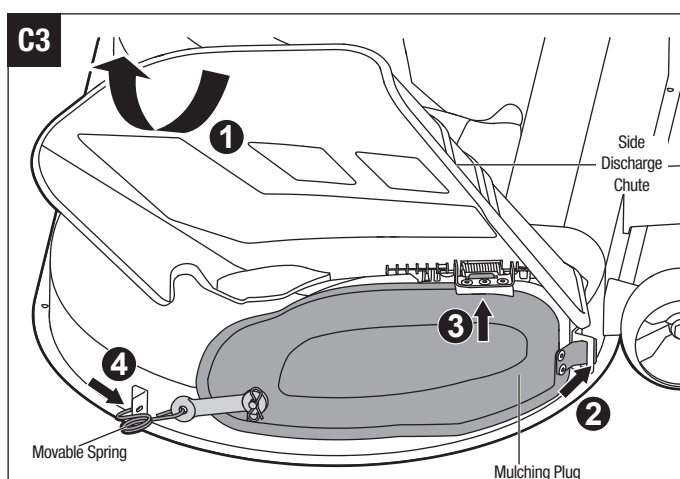
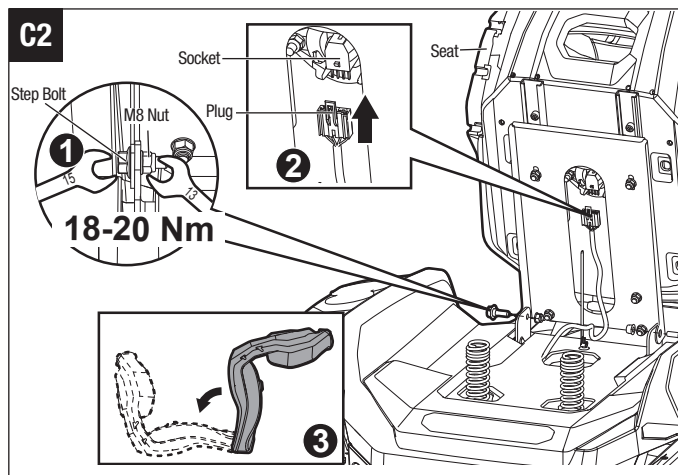
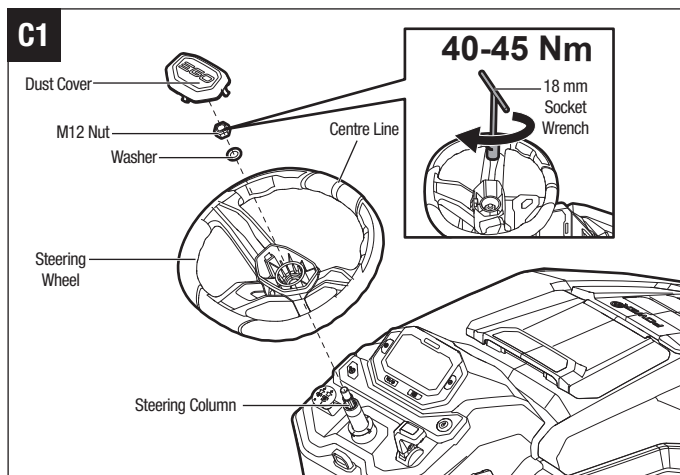


X 1

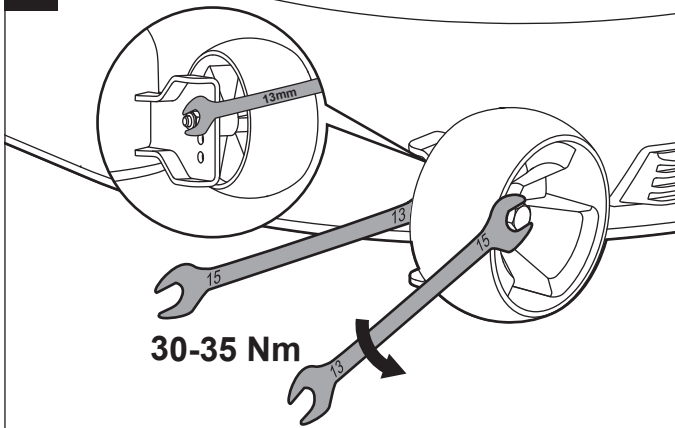
Operator's Manual



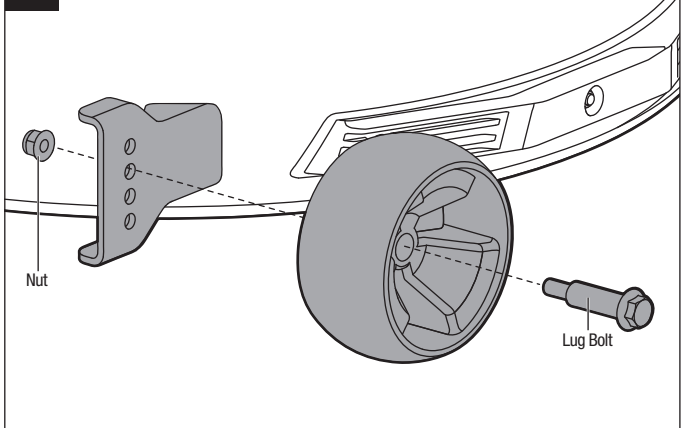
X 1



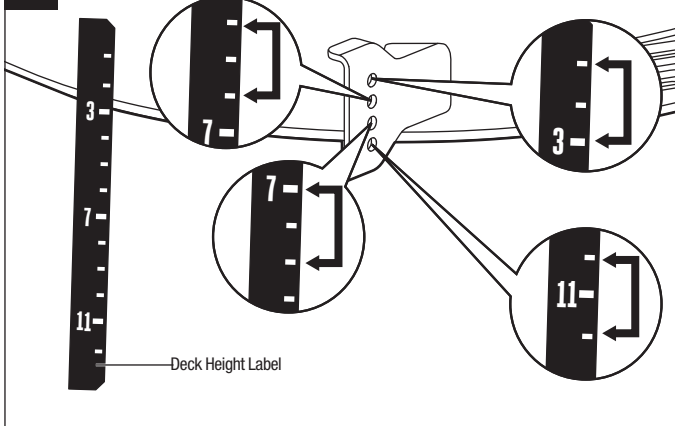
D4



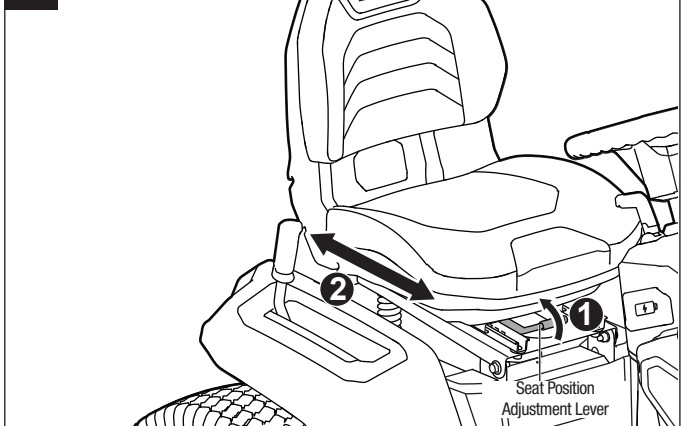
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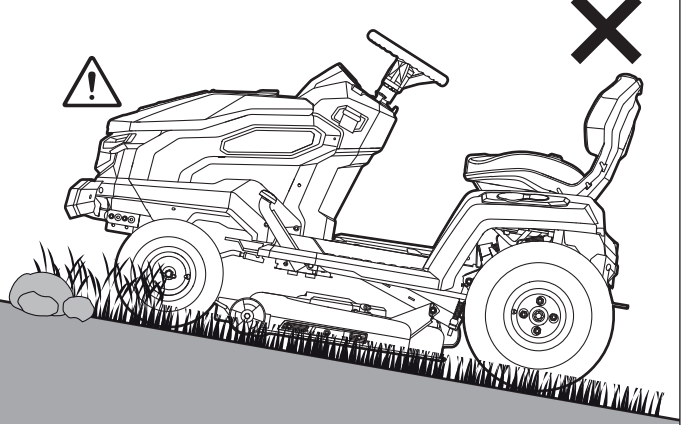
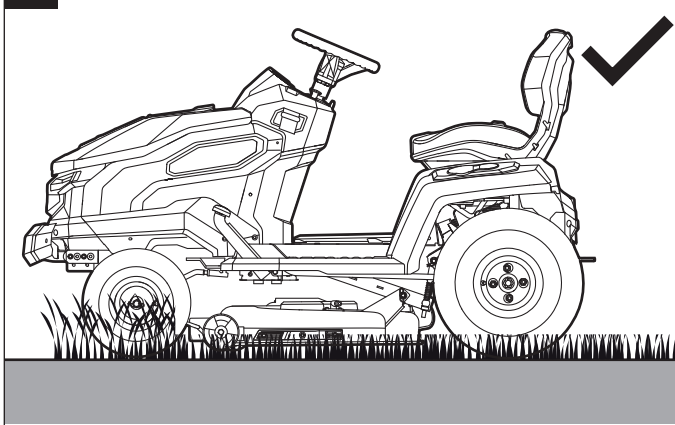
D6



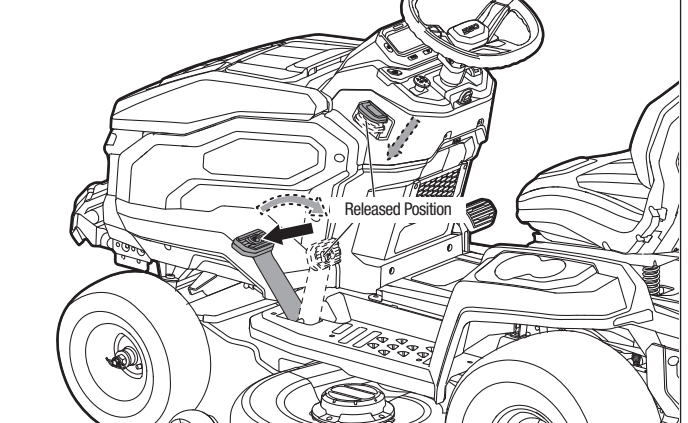
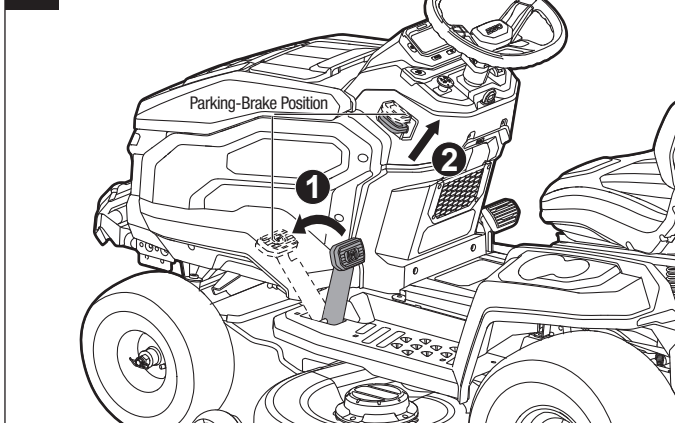
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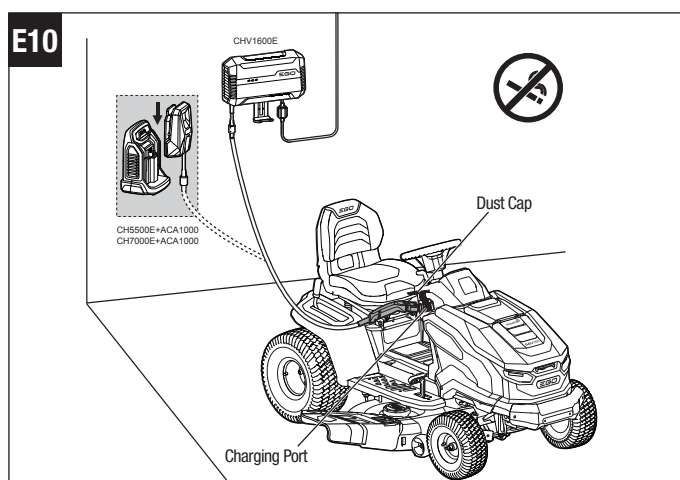
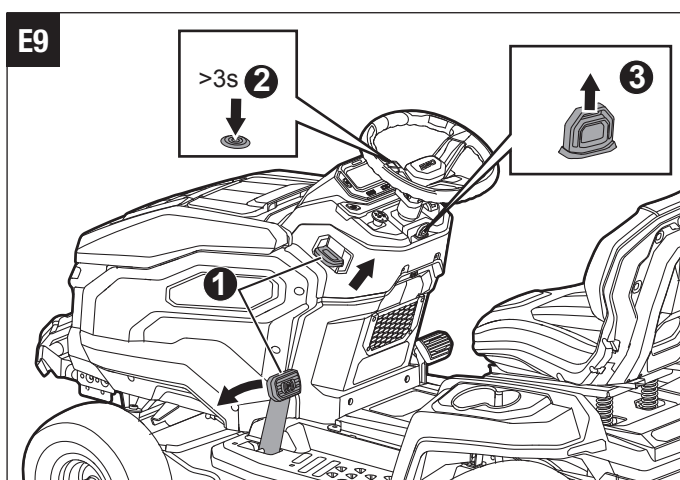
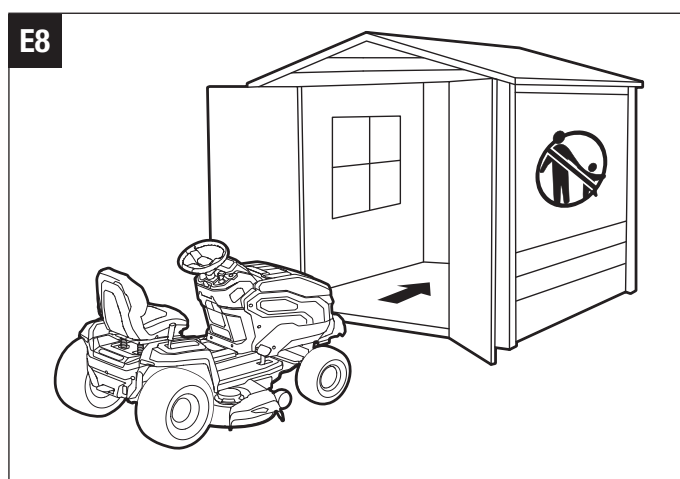
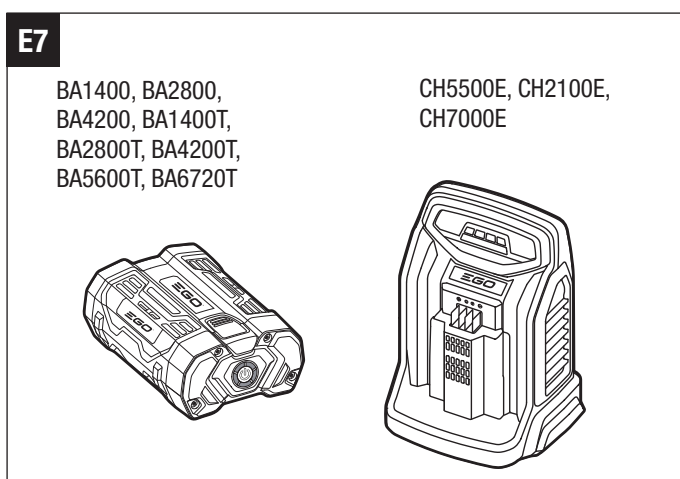
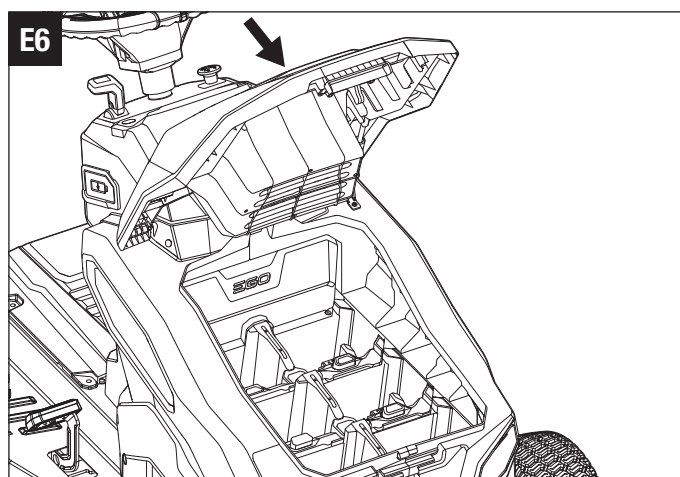
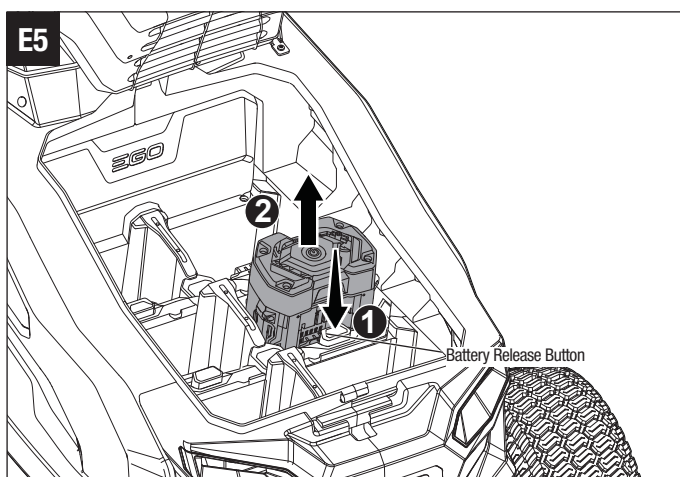
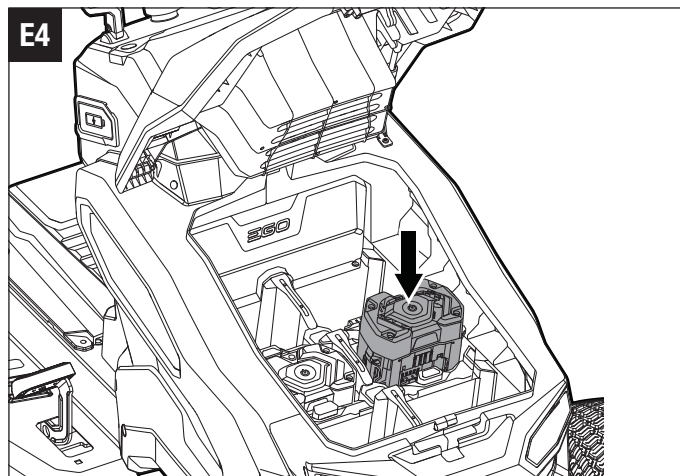
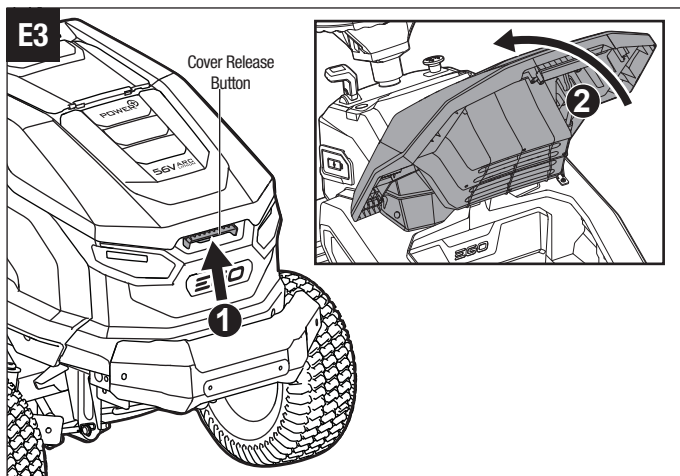


E1

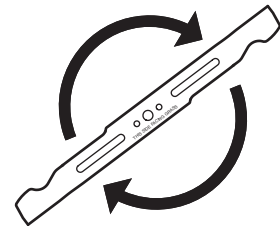
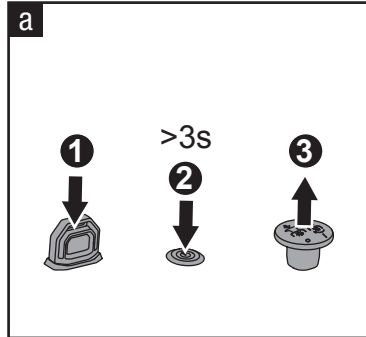
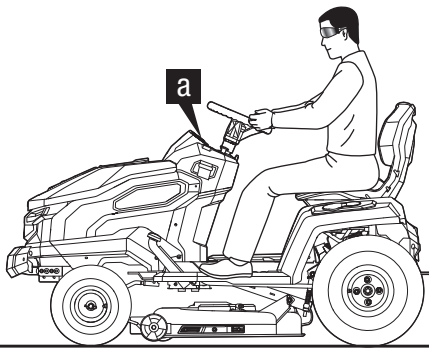


E2

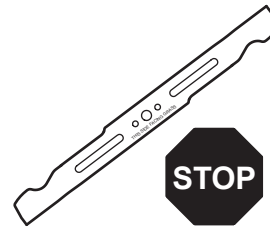
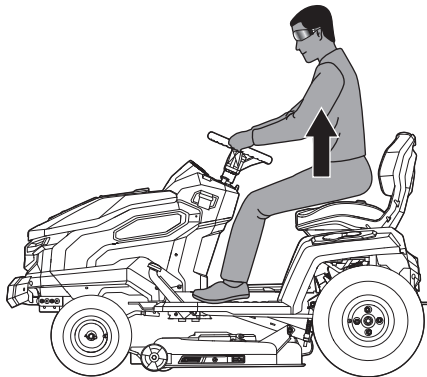




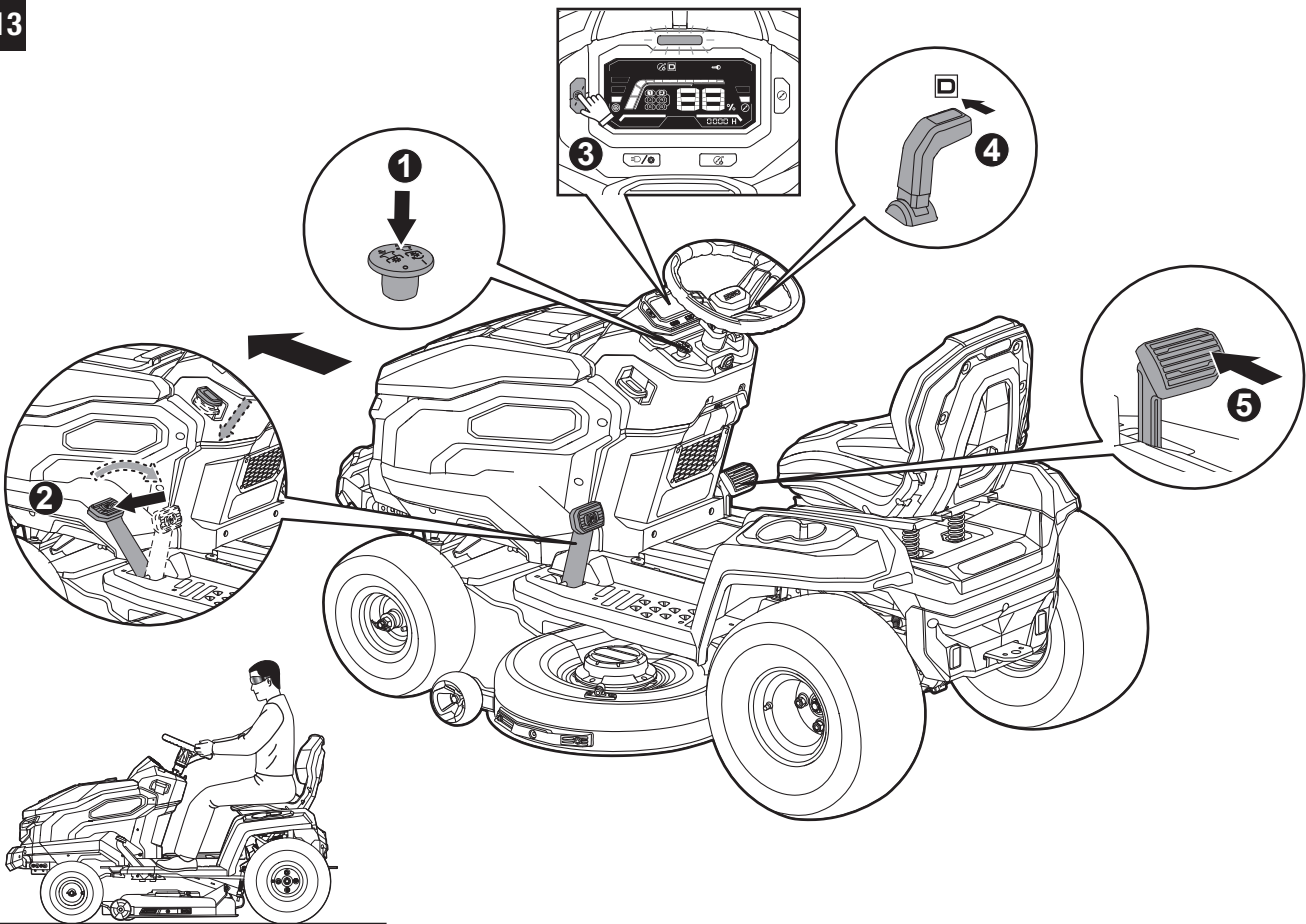
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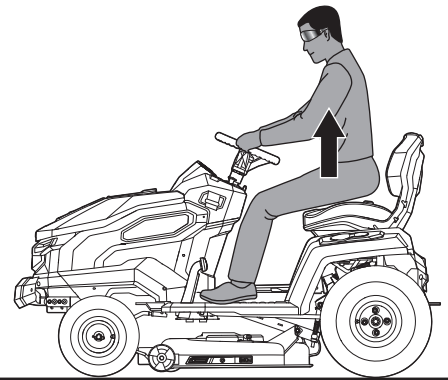
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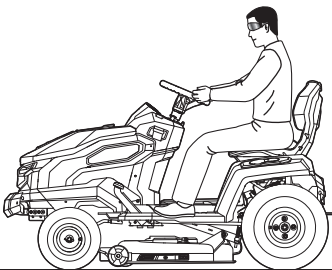
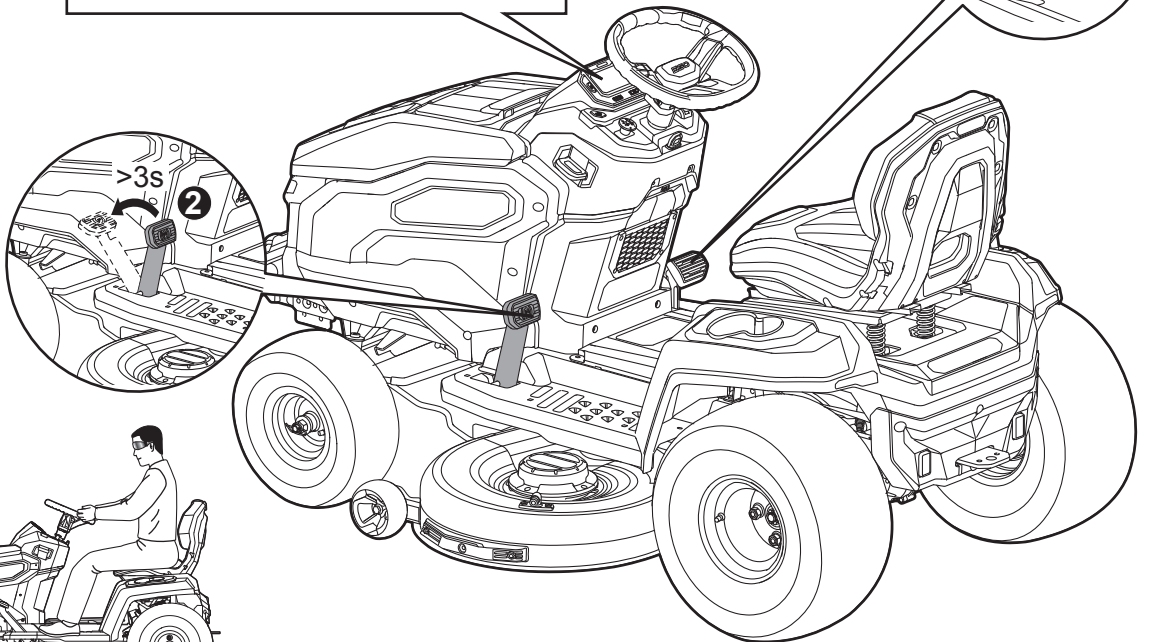
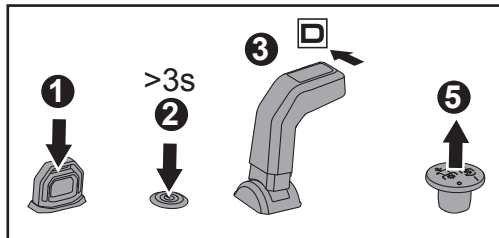
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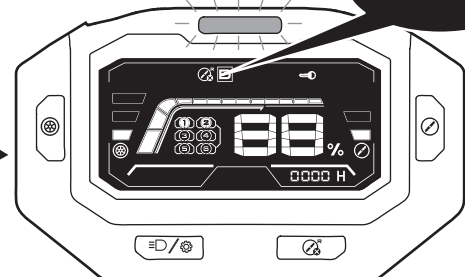
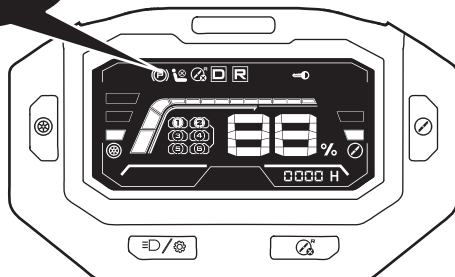
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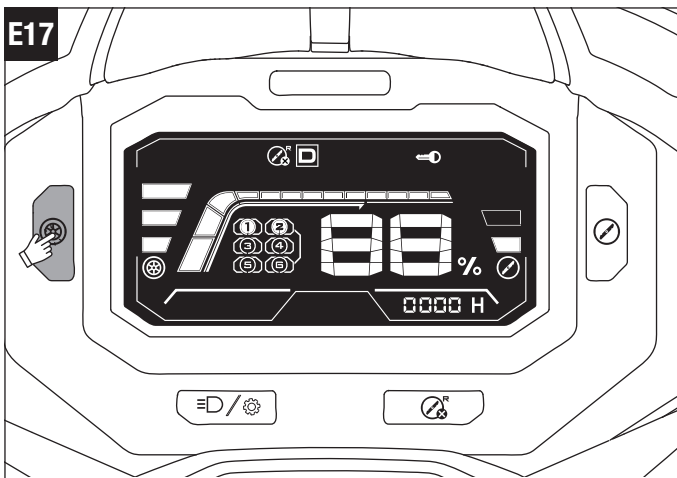
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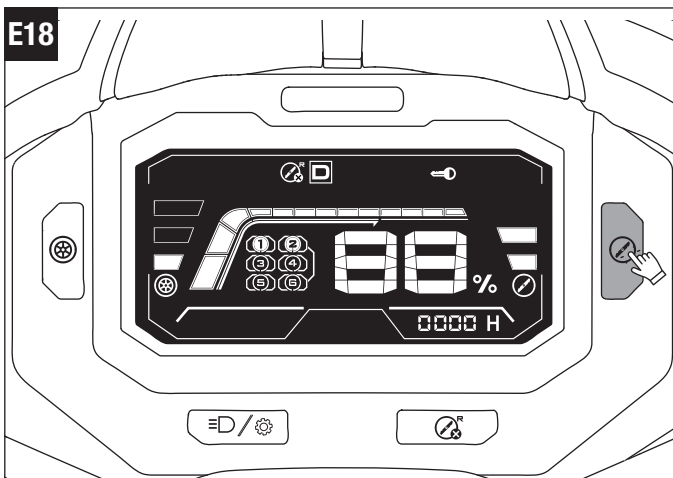
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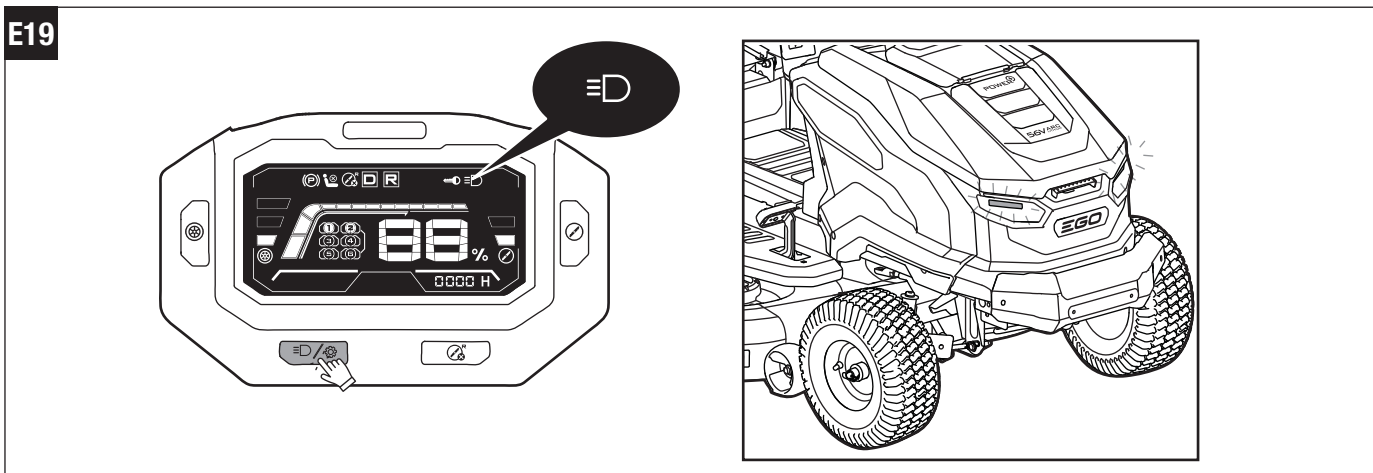
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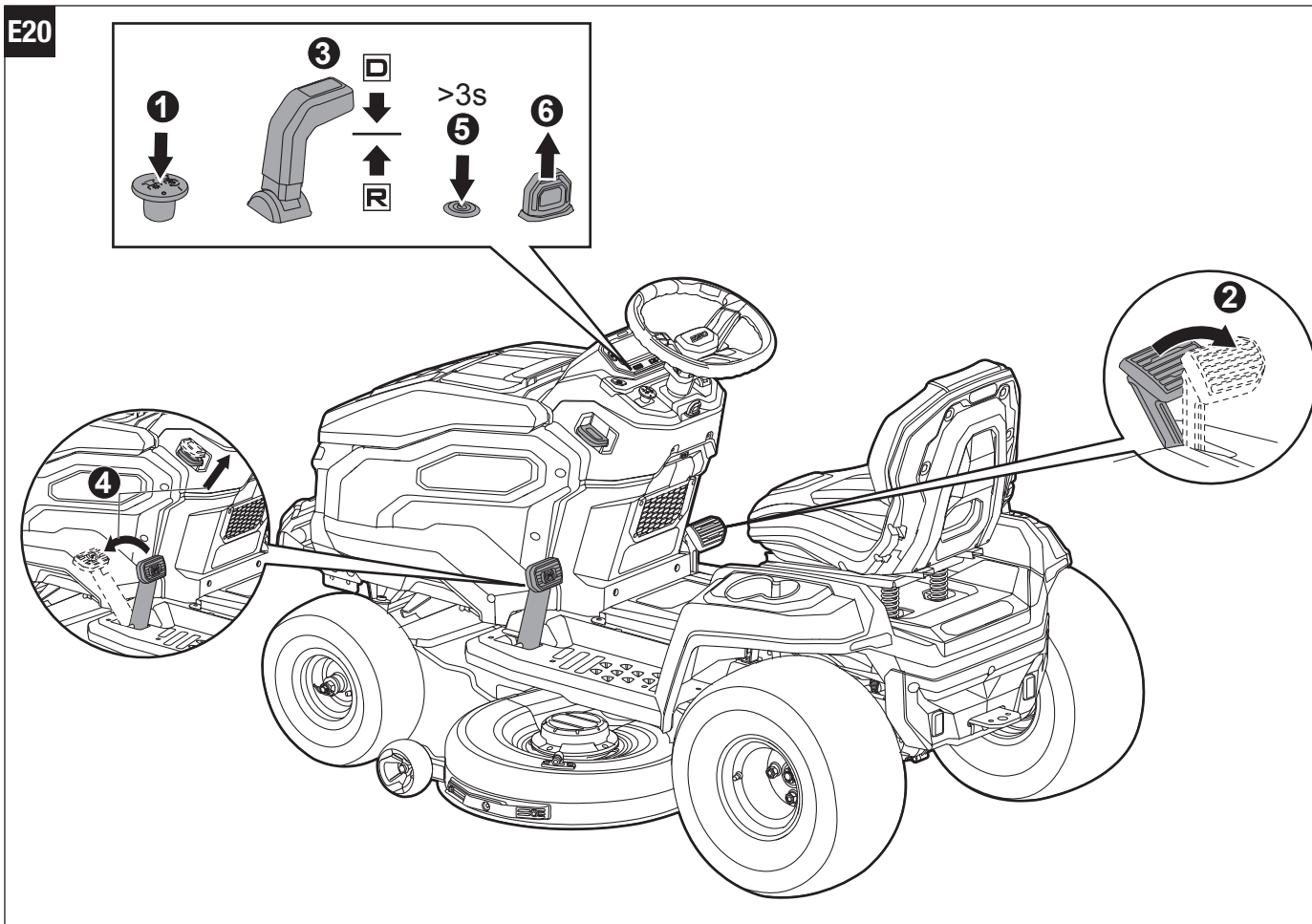
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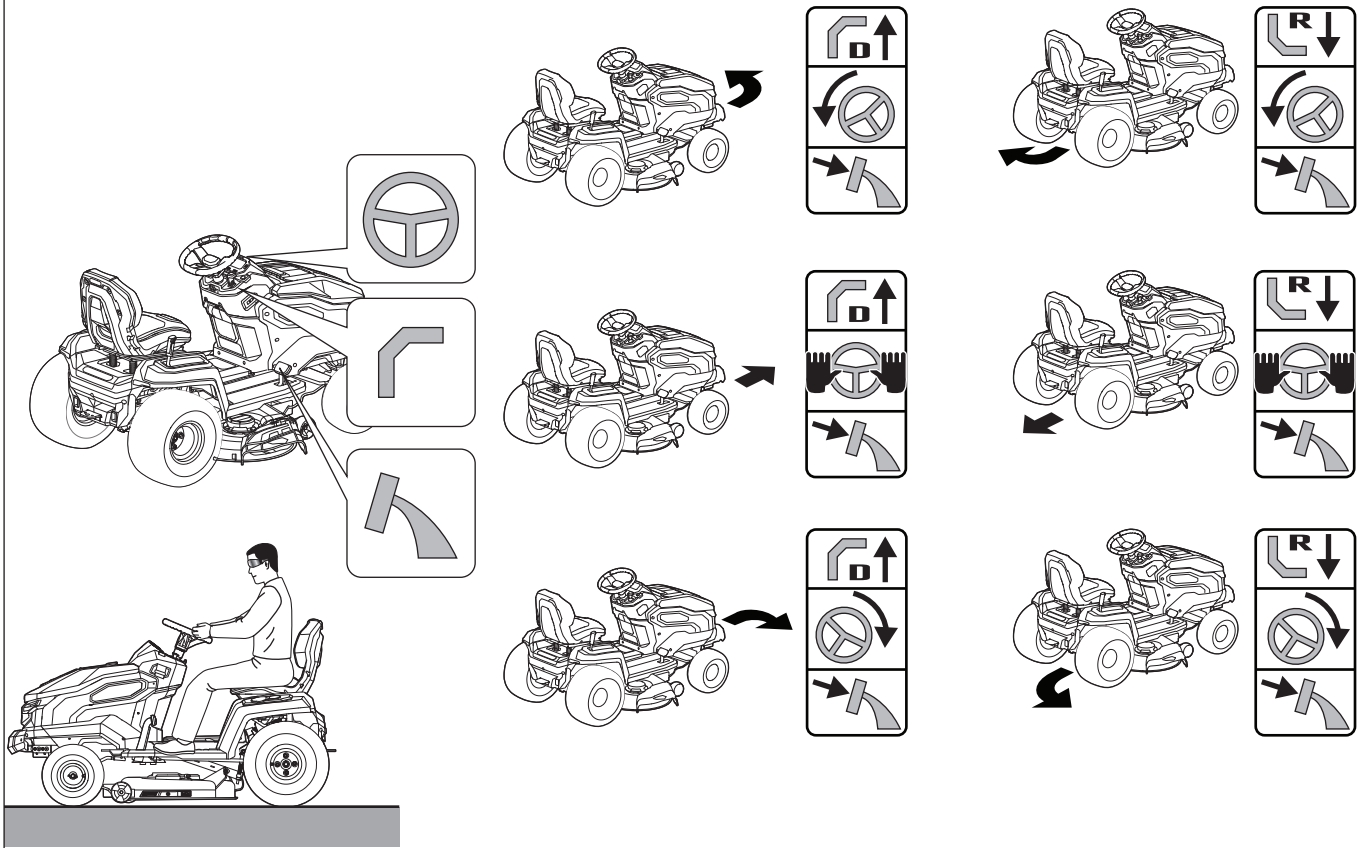
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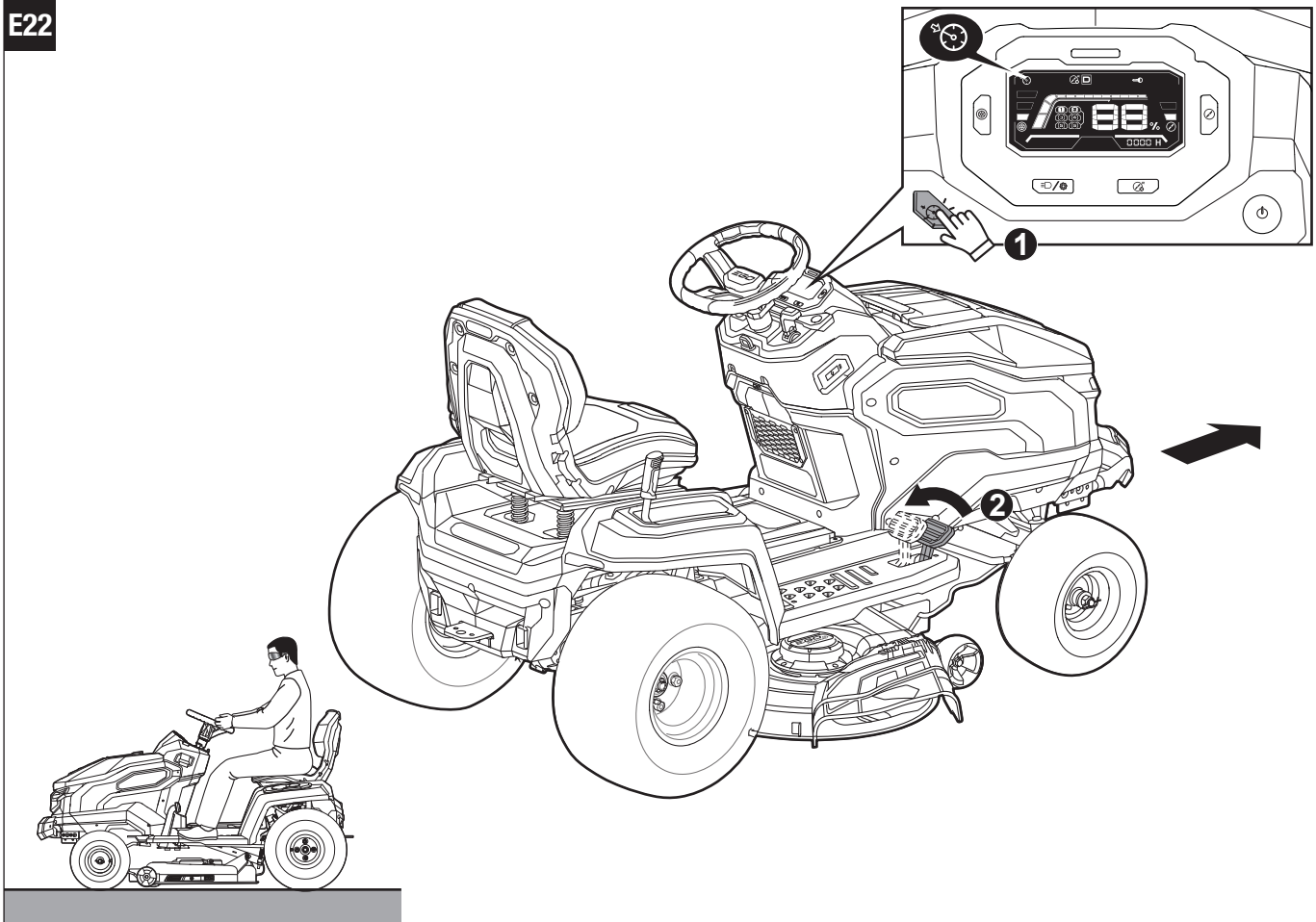
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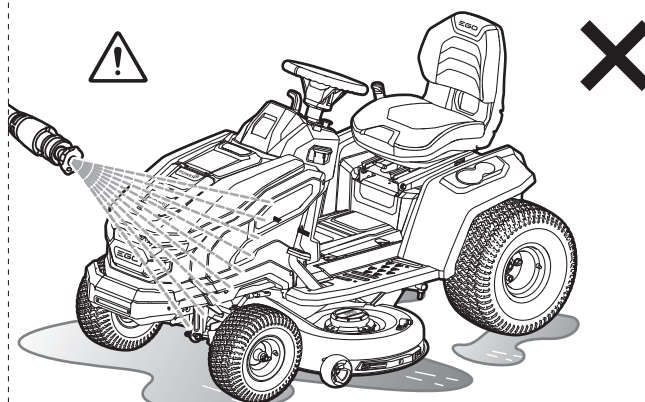
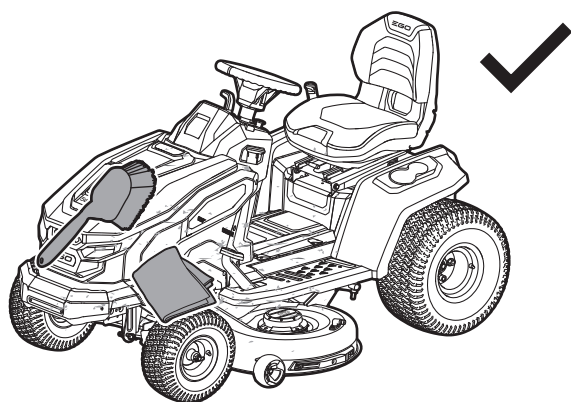
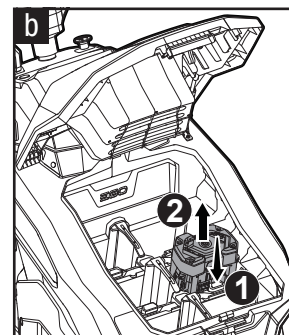
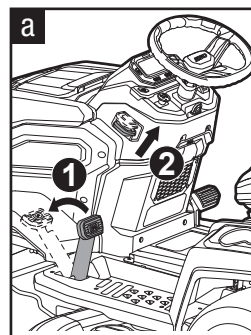
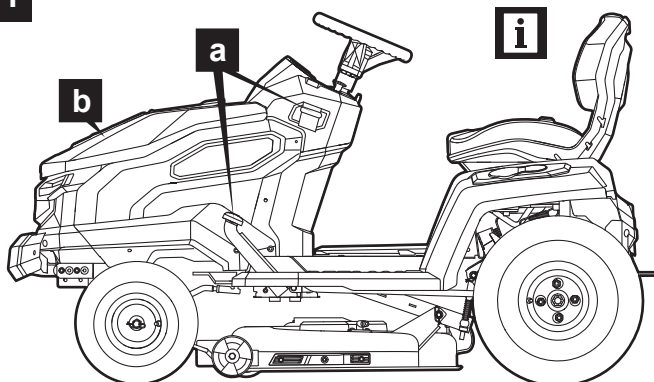
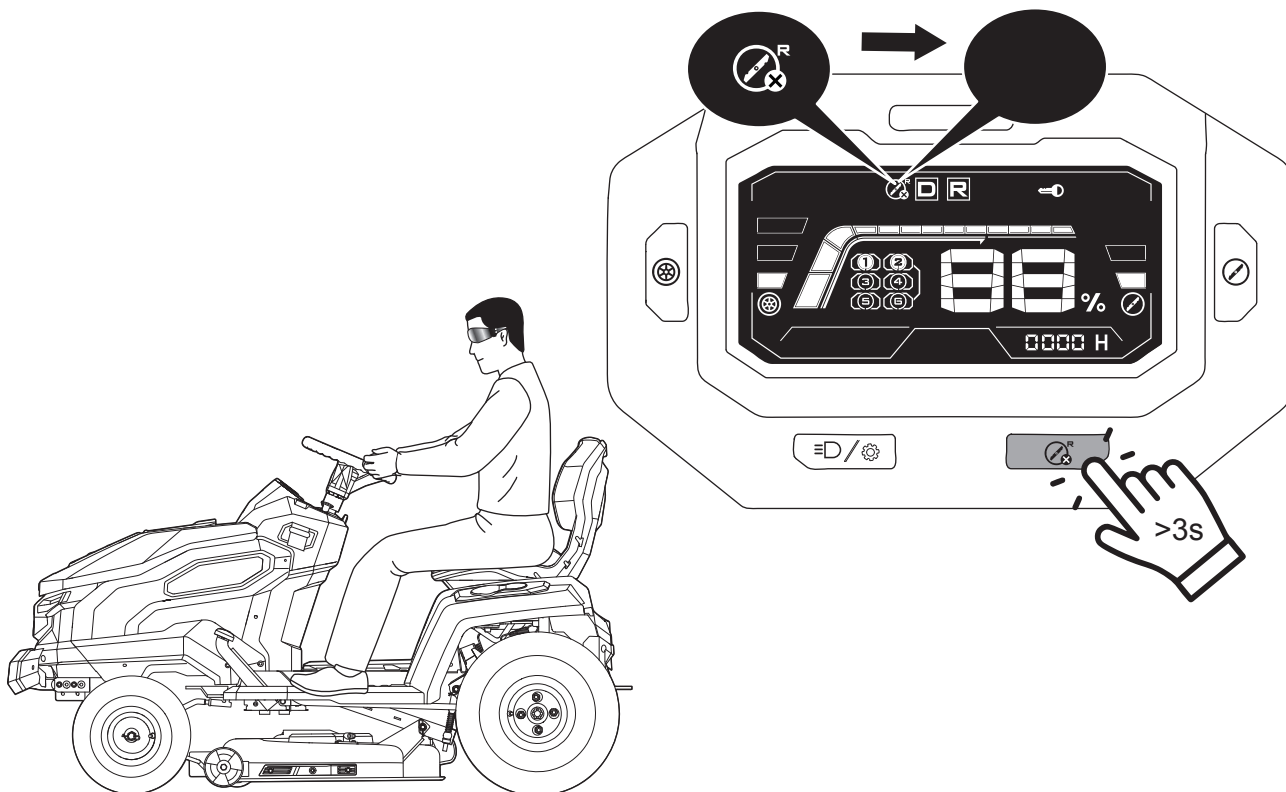


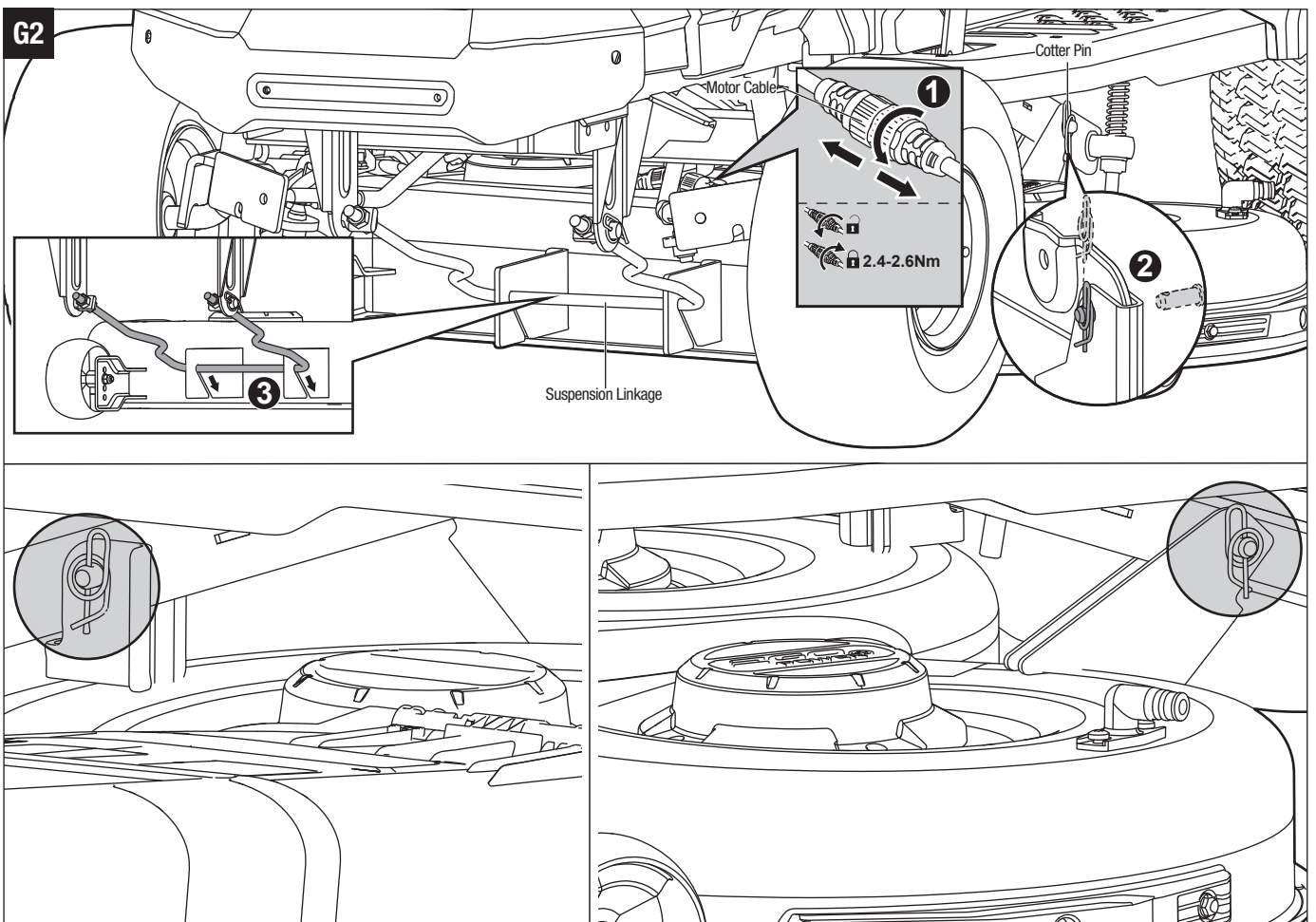
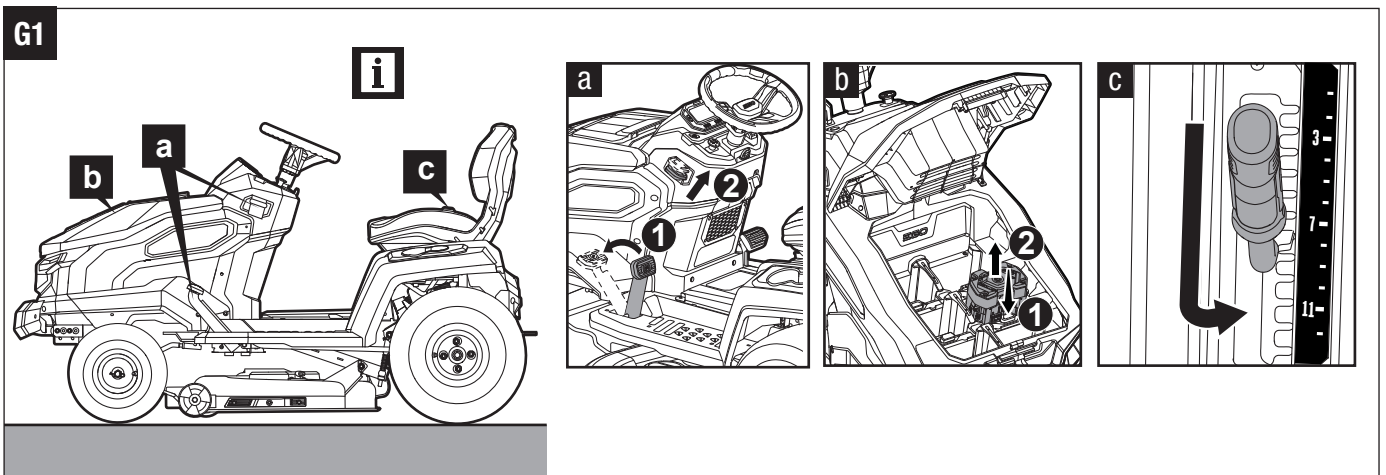
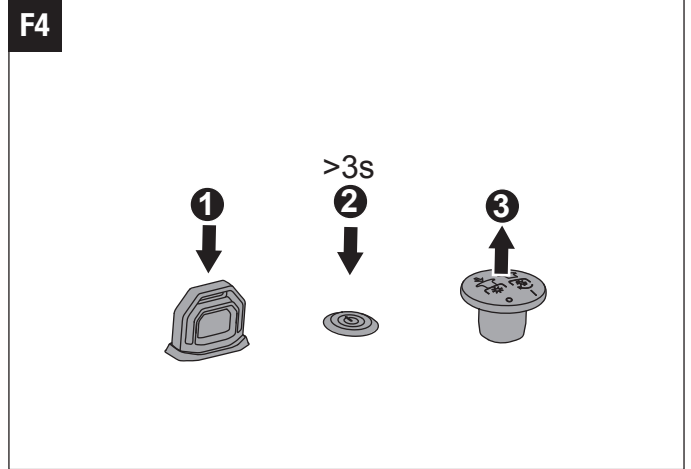
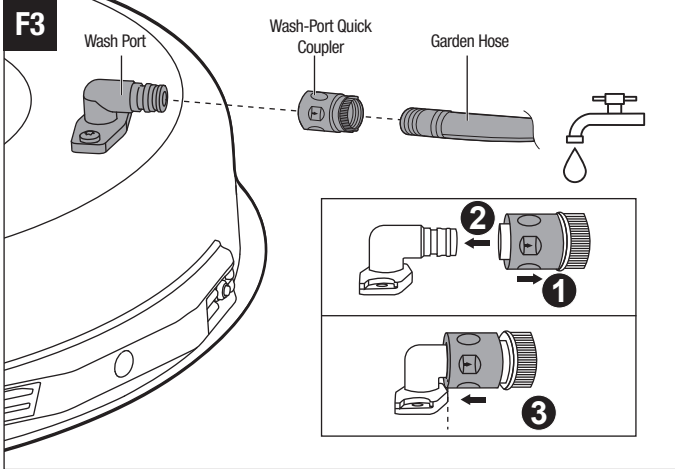
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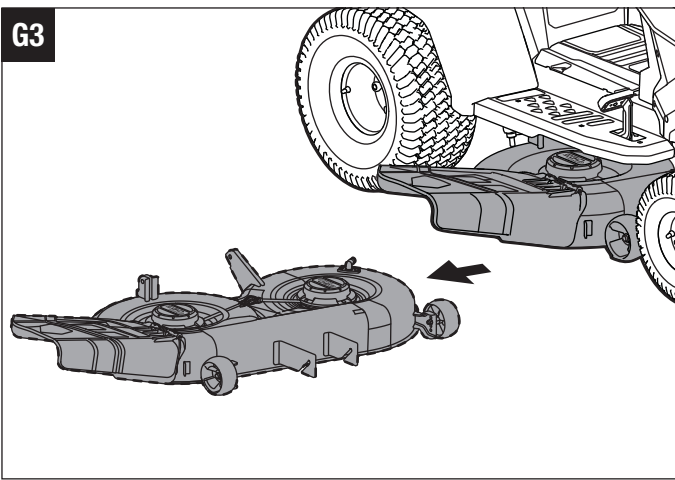
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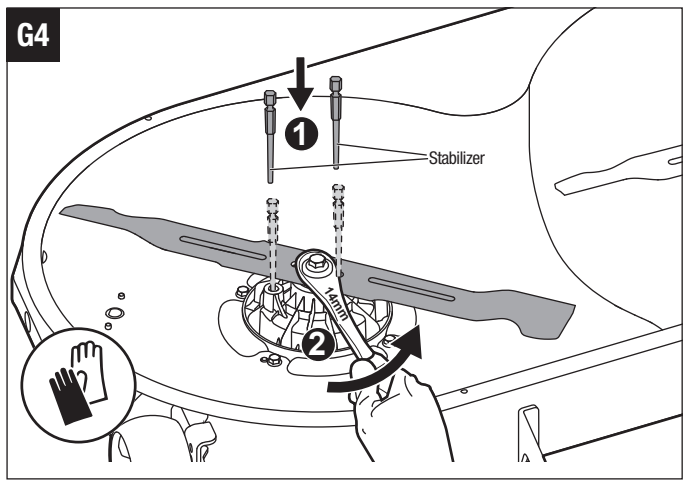




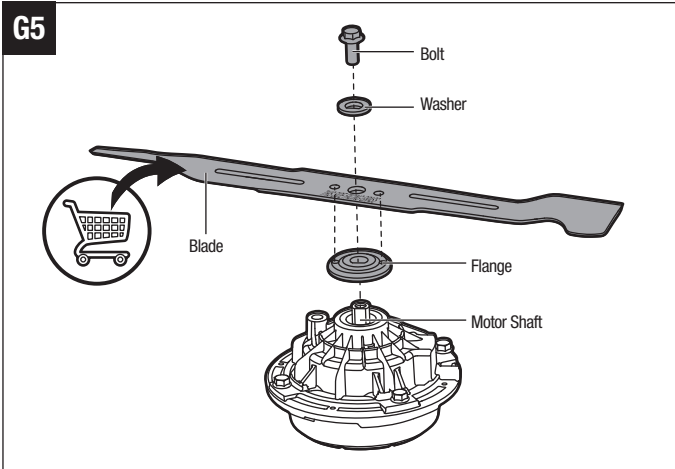
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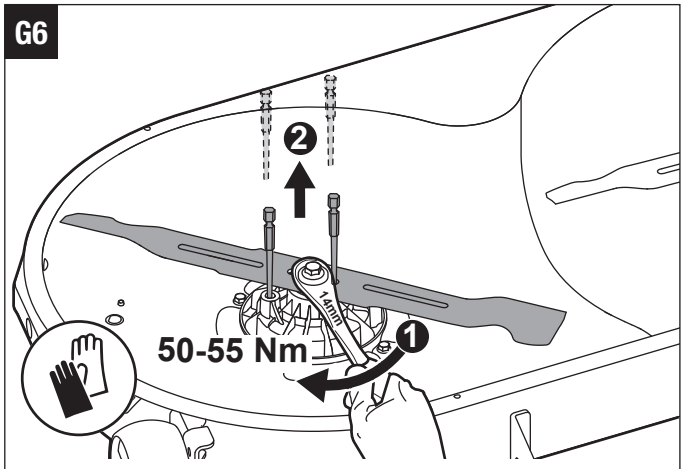
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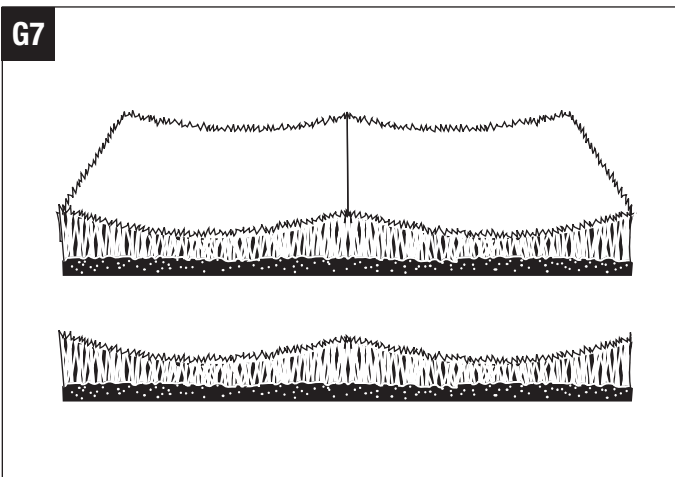
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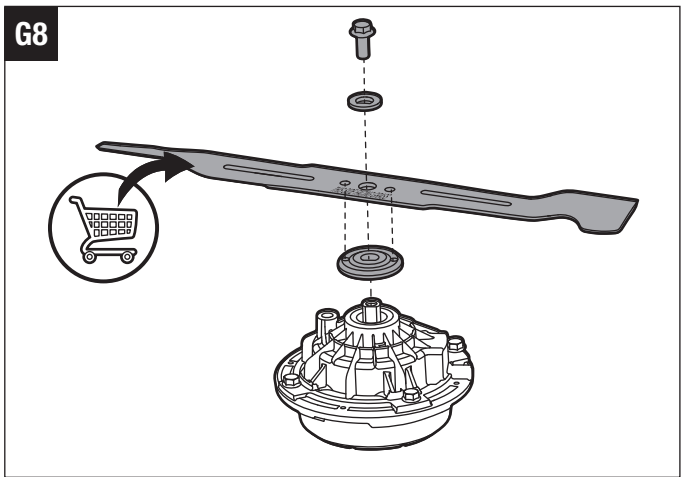
G6



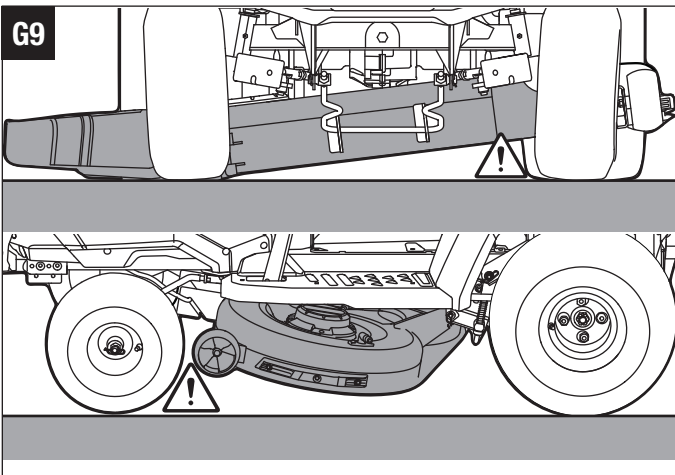
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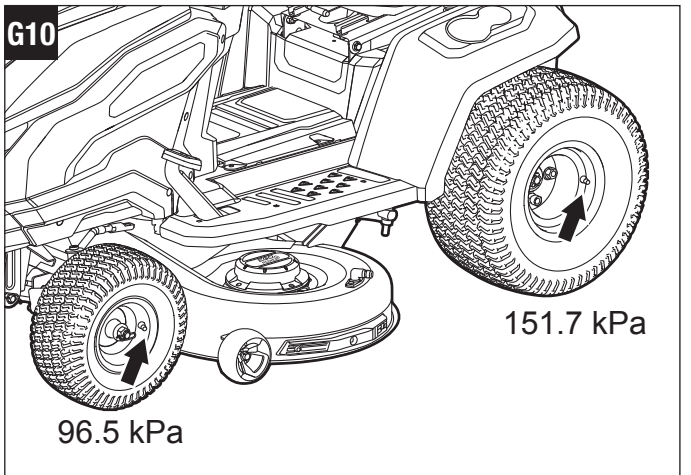
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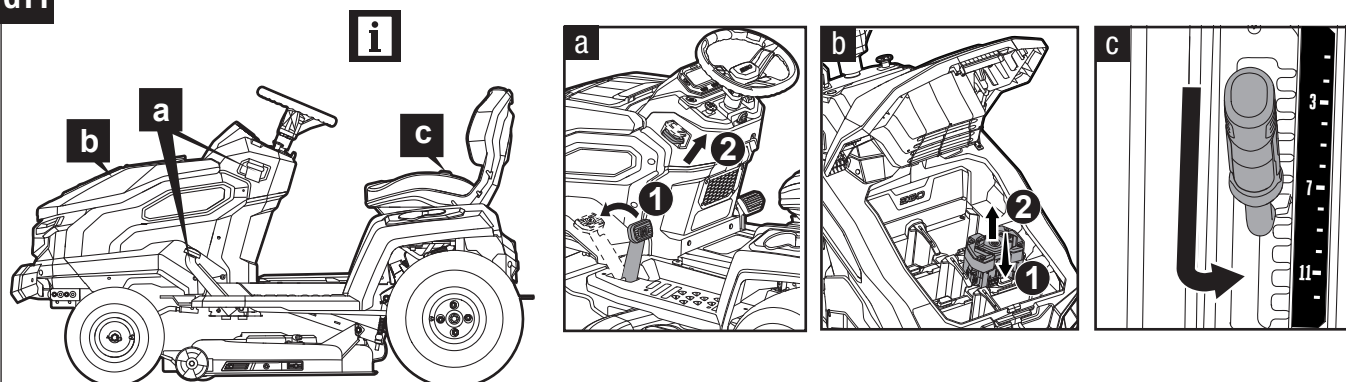
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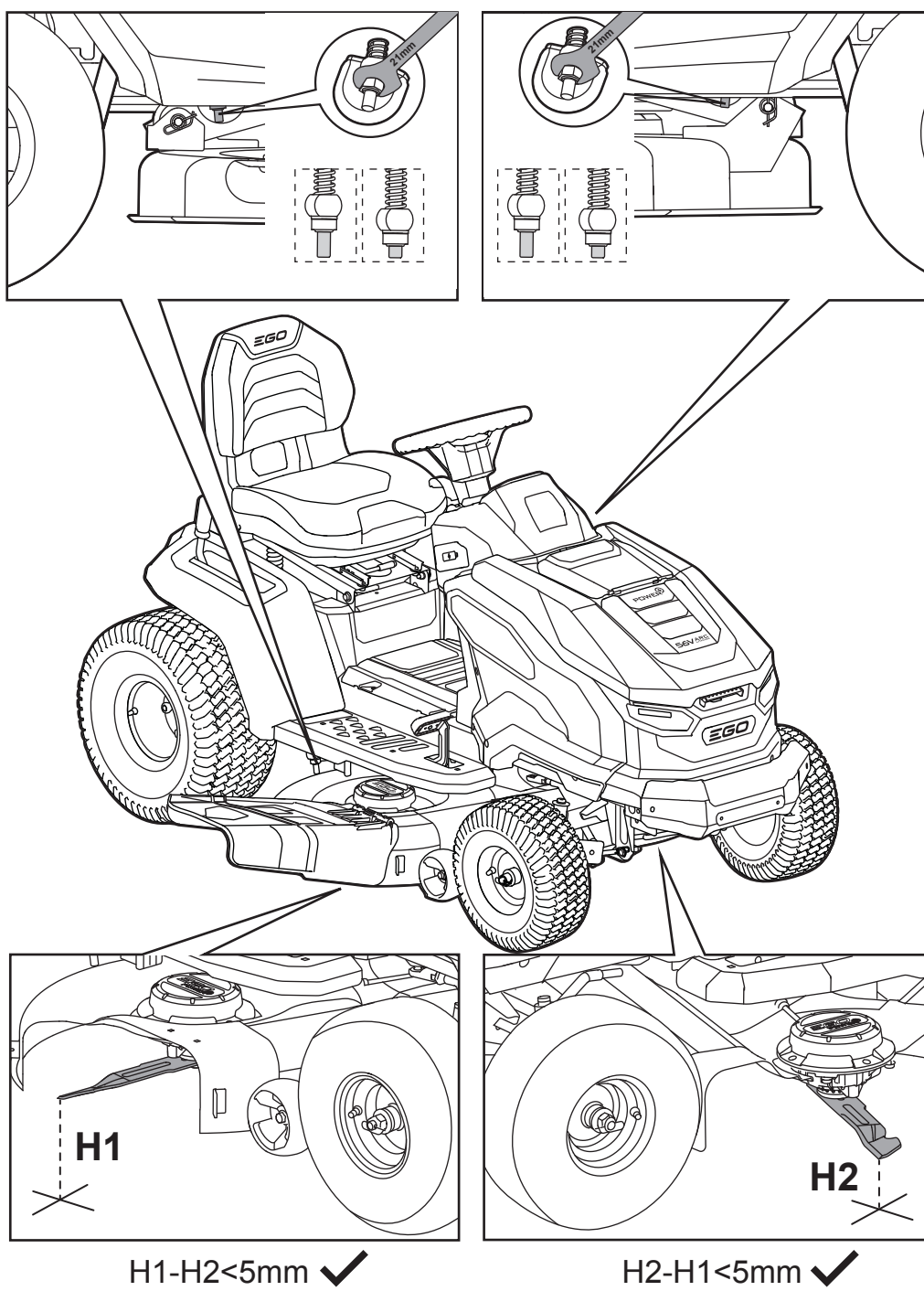
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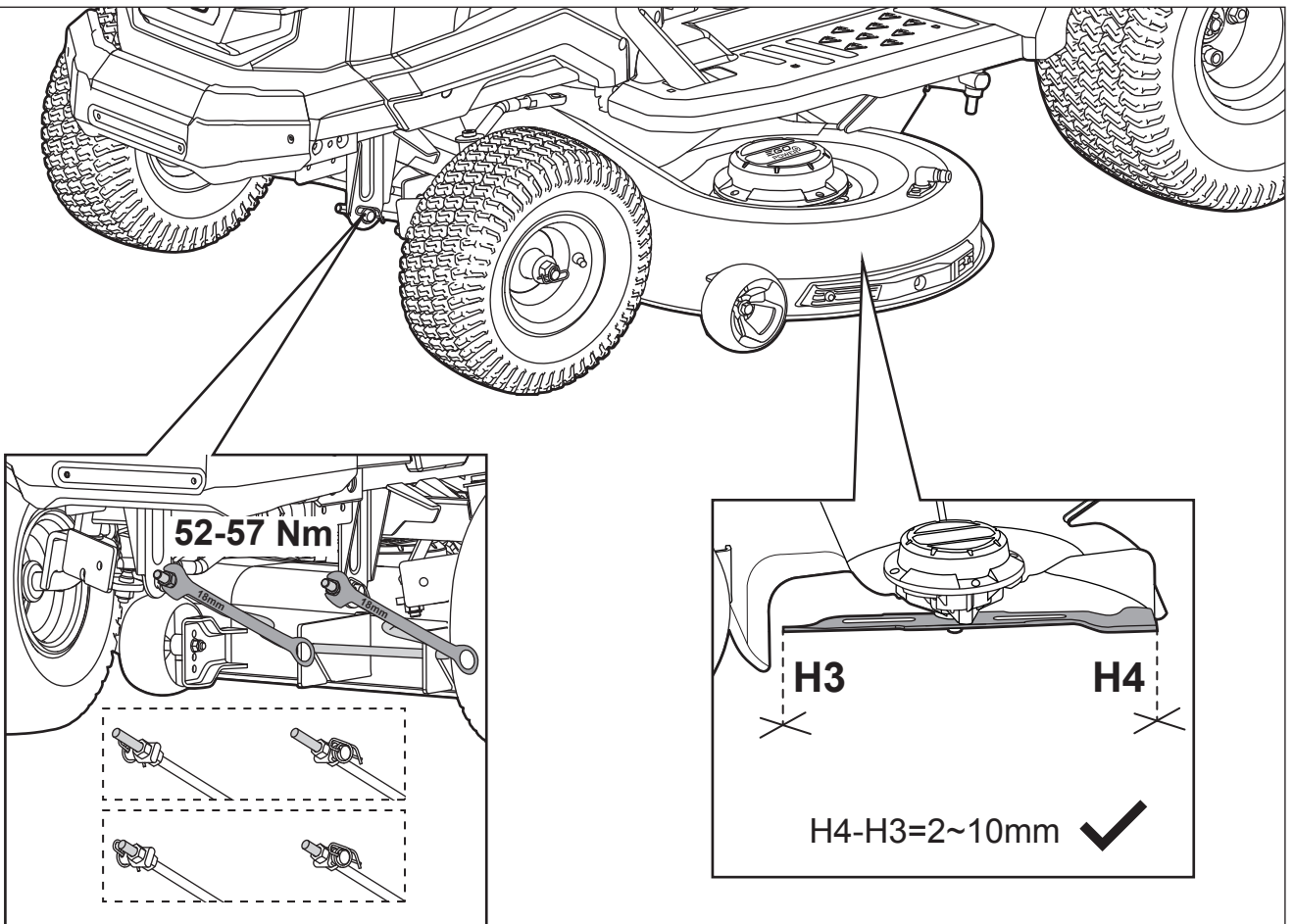
G11



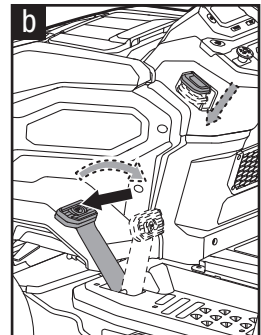
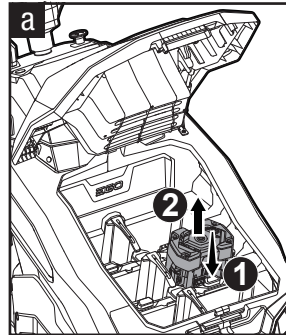
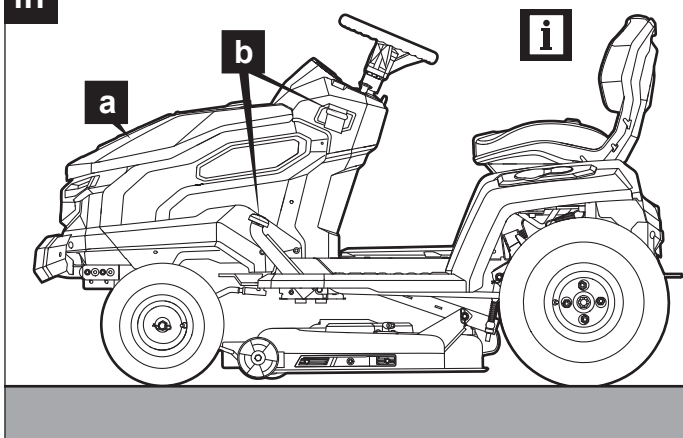
G12



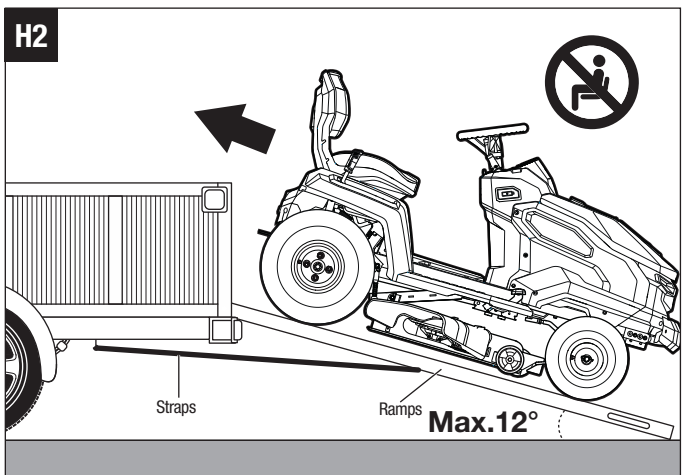
G13



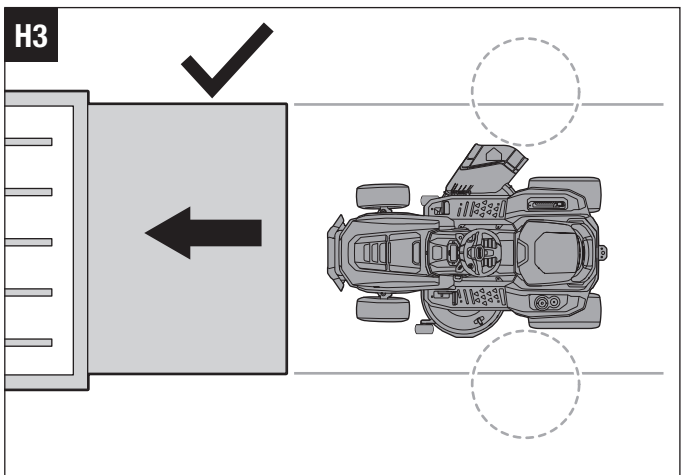
H1

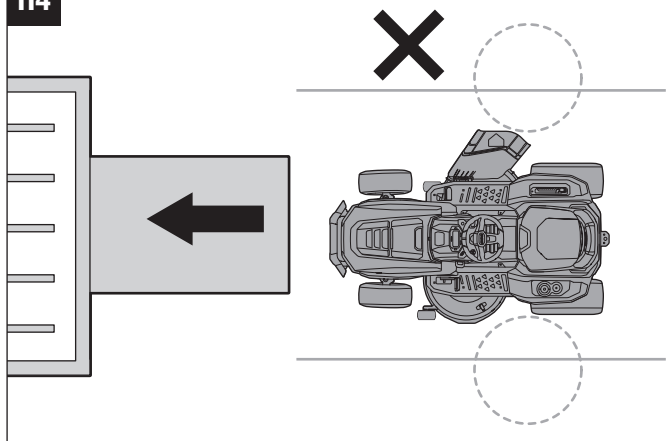
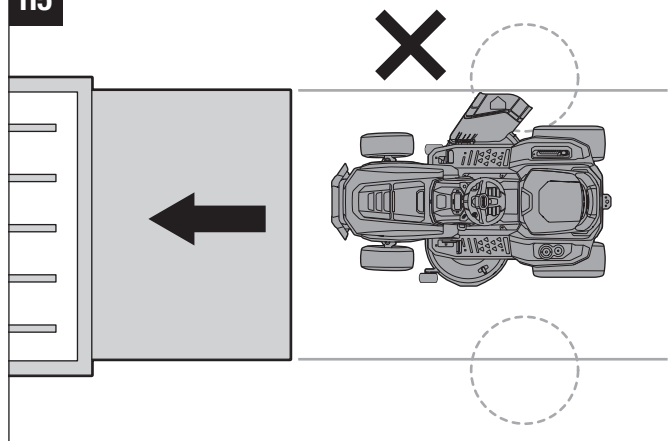
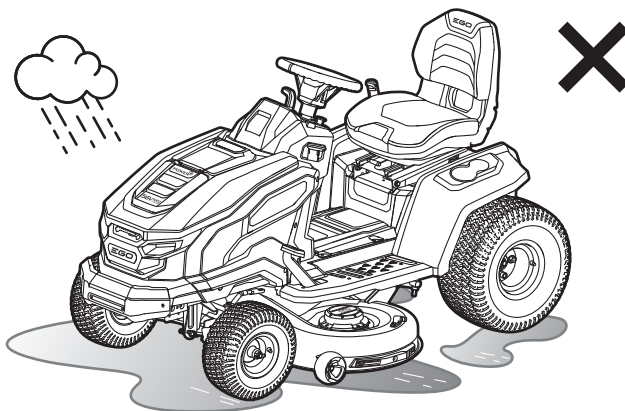
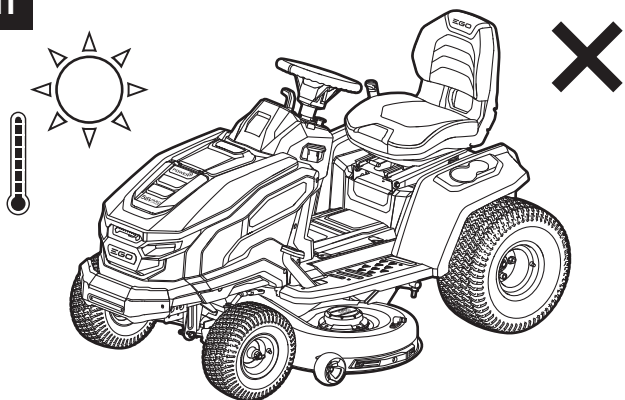
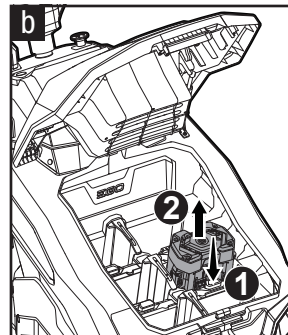
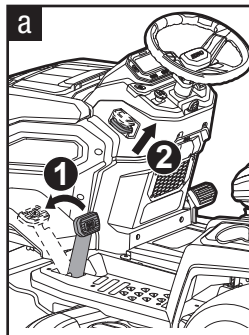
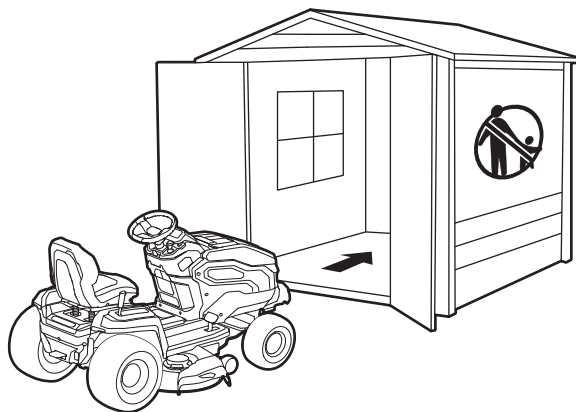


H2



H3



H4**H5****I1****I2**

READ ALL INSTRUCTIONS!



READ OPERATOR'S MANUAL

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

SAFETY SYMBOL

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.

SYMBOL MEANING

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

SAFETY SYMBOLS

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 it.

	Safety Alert	Indicates a potential personal injury hazard.
	Read & Understand Operator's Manual	To reduce the risk of injury, user must read and understand the operator's manual before operating this product.
	Eye Protection	Always wear safety goggles or safety glasses with side shields and a full face shield when operating this product.
	Maintain Safety Devices	Do not open or remove safety shield while the product is running.
	DANGER – Steep slope hazard	Use extra caution on slopes. Do not mow slopes greater than 12 degrees. Do not use on slopes near open water.
	DANGER – Keep Bystanders Away from the Blades	Do not mow when children or others are around.
	Never carry children	Never carry children or anyone, even when the blades are off.
	Look behind while backing	Always look down and behind you before and when maneuvering in reverse or turning around. Make sure children, bystanders, and pets are clear of the area.
	WARNING – Slopes	Do not use this machine on slopes greater than 12°.

	DANGER – Thrown objects	Remove objects that can be thrown by the blade in any direction. Wear safety glasses.
	WARNING – Keep hands and feet away.	To reduce the risk of injury, keep hands and feet away from rotating parts. Do not operate unless discharge cover or grass bag is in its proper place. If damaged, replace immediately.
	Do not Step	Do not step on the cutting deck or on the side discharge chute.
	WARNING – A lithium coin battery is fully enclosed under the LCD screen.	The battery is hazardous and is to be kept away from children (whether the battery is new or used); The battery can cause severe or fatal injuries in 2 hours or less if it is swallowed or placed inside any part of the body; Medical attention should be sought immediately if it is suspected the battery has been swallowed or placed inside any part of the body.
	Noise	Guaranteed sound power level.
	WEEE	Waste electrical products should not be disposed of with household waste. Take to an authorized recycler.
	Light Beam	CAUTION – Do not stare at operating lamp.
	Regulatory Compliance Mark	This product complies with applicable Australian standards.
	Direct Current	Type or a characteristic of current
IPX4	Ingress Protection Degree	Protection from splashing water
kPa	Kilopascal	Intensity of pressure
RPM	Revolutions per minute	Rotational speed
V	Volt	Voltage
in	Inch	Length or size
m	Metres	Length or size
cm	Centimetres	Length or size
mm	Millimetres	Length or size
Nm	Newton metre	Torque
°C	Celsius	Temperature
kg	Kilogram	Weight
km/h	Kilometres per hour	Velocity

SYMBOLS IN THIS MANUAL



The information needs to be noted



The indicated action stops

GENERAL POWER TOOL SAFETY WARNINGS

⚠ WARNING: Read all safety warnings, instructions, illustrations and specifications provided with this power tool. 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.

The term “power tool” in the warnings refers to your battery operated (cordless) power tool.

WORK AREA SAFETY

- **Keep work area clean and well lit.** Cluttered and dark areas invite accidents.
- **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
- **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

ELECTRICAL SAFETY

- **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- **Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
- **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
- **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

PERSONAL SAFETY

- **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
- **Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- **Prevent unintentional starting. Ensure the switch is in the off position before connecting to power source and /or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- **Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of these devices can reduce dust related hazards.
- **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.

POWER TOOL USE AND CARE

- **Do not force the power tool. Use the correct power for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
- **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
- **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.
- **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from intended could result in a hazardous situation.
- **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 tool in unexpected situations.

BATTERY TOOL USE AND CARE

- **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- **When battery pack is not in use, keep it away from other metal objects like paper clips, coins, keys, nails, screws, or other small metal objects that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.
- **Under abusive conditions, liquid may be ejected from the battery;** avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
- **Do not use a battery pack or tool 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 or tool to fire or excessive temperature.** Exposure to fire or temperature above 130 °C may cause explosion.
- **Follow all charging instructions and do not charge the battery pack or tool 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.

SERVICE

- **Have your power tool serviced by qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.
- **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorized service providers.

SAFETY RULES FOR EQUIPMENT

⚠ WARNING: This machine is capable of amputating hands and feet and throwing objects. Failure to observe the following safety instructions could result in serious injury or death.

GENERAL INFORMATION

- Read, understand, and follow instructions and warnings in this manual and on the machine and attachments.
- Only allow operators, who are responsible, trained, familiar with the instructions, and physically capable to operate the machine.
- Do not carry passengers and keep bystanders away.
- Do not operate the machine while under the influence of alcohol or drugs.
- Follow the manufacturer's recommendation for wheel weights or counterweights.



PREPARATION BEFORE OPERATING

- Clear the operating area of any objects which could be thrown by or interfere with operation of the machine.
- Keep the area of operation clear of all bystanders, particularly small children. Stop the machine and attachment(s) if anyone enters the area.
- Do not operate the machine without the entire grass catcher, discharge chute, or other safety devices in place and functioning properly. Check frequently for signs of wear or deterioration and replace as needed.
- Wear appropriate personal protective equipment such as safety glasses, hearing protection, and suitable slip-resistant footwear.

OPERATION

- Only operate the machine in daylight or good artificial light.
- Avoid holes, ruts, bumps, rocks, or other hidden hazards. Uneven terrain could overturn the machine, or cause operator to lose their balance or footing.
- Do not put hands or feet near rotating parts or under the machine. Keep clear of the discharge opening at all times.
- Do not direct discharge material toward anyone. Avoid discharging material against a wall or obstruction. Material may ricochet back toward the operator. Stop the blade(s) when crossing gravel surfaces.
- Do not leave a running machine unattended. Always park on level ground, disengage the attachment, set parking brake, and stop the motor.
- Do not mow in reverse unless absolutely necessary. Always look down and behind before and while backing.
- Avoid mowing wet grass. Poor footing could cause a slip and fall accident.
- If situations occur that are not covered in this manual, use care and good judgment. Contact EGO Customer Service for assistance.
- Do not use the product when there is a risk of lightning.

CHILDREN SPECIFIC

- Tragic accidents can occur if the operator is not alert to the presence of children. Children are often attracted to the machine and the mowing activity. Never assume that children will remain where you last saw them.
- Keep children out of the operating area and under the watchful care of a responsible adult other than the operator.
- Do not carry children, even with the blade(s) shut off. Children could fall off and be seriously injured or interfere with safe machine operation. Children who have been given rides in the past could suddenly appear in the mowing area for another ride and be run over or backed over by the machine.

SLOPE SPECIFIC

⚠ WARNING: Slopes are a major related to accidents. Operation on slopes requires extra caution.

- Travel in the manufacturer recommended direction on slopes. Use caution while operating near drop-offs.
- Do not operate machine under any condition where traction, steering, or stability is in question. Tires could slide even if the wheels are stopped.
- Always keep the machine in gear when going down slopes. Do not coast downhill.
- Avoid starting and stopping on slopes. Avoid making sudden changes in speed or direction. Make turns slowly and gradually.
- Use extra care while operating machine with a grass catcher or other attachment(s). They can affect the stability of the machine.

HAULING

- Use full width ramps for loading and unloading a machine for transport.

TRANSPORT

- The machine is heavy and can cause serious crushing injuries. Be extra cautious when it is loaded on or unloaded from a vehicle or trailer.
- Use full width ramps for loading machine into a trailer or truck.
- Use an approved trailer to transport the machine. Operate the park brake by securing the steering levers in the open position and set the park brake pedal at the braking position. Fasten the machine down with approved devices such as bands, chains or straps.
- Both front and rear tie down straps must be used and directed down and out from the machine.

⚠ WARNING: Use extreme caution when loading the machine into a truck or trailer using ramps. There is the possibility of serious injury or death if the machine falls off the ramps.

⚠ WARNING: The park brake is not sufficient to lock the machine in place during transport. Ensure that the machine is well fastened to the transport vehicle. Always reverse the machine onto the transport vehicle to avoid tipping it over.

- Do not operate this machine on public roadways.
- Check and abide by local traffic regulations before transporting the machine on roads.
- Do not tow this machine, it may cause damage to the drive system.
- Load the unit onto truck or trailer by driving up ramps of suitable strength using a slow speed. Do not lift! The machine is not intended to be lifted by hand.
- When loading or unloading this machine, do not use more than the maximum recommended operation angle of 12 degrees.

SERVICE

⚠ WARNING: Grass bag components, the side discharge cover, mulching insert are subject to wear and damage, which could expose moving 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.

- Keep machine in good working order. Replace worn or damaged parts. Periodic checking of the motor and brakes.
- Use caution when servicing blades. Wrap the blade(s) or wear gloves. Replace damaged blades. Do not repair or alter blade(s).
- Always stop the motor and remove or disconnect the battery pack before servicing, cleaning, or removing material from the ride-on equipment.
- After striking a foreign object, stop the motor, remove the battery pack, allow the blade to stop rotating, and thoroughly inspect the ride-on equipment for any damage. Repair the damage before operating the ride-on equipment.
- Have your ride-on equipment serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the ride-on equipment is maintained.
- Follow instructions for changing accessories.
- Keep the ride-on equipment free from accumulation of grease, dirt, and other possibly combustible materials.
- Keep all nuts, bolts, and screws tight to be sure the ride-on 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 the safety device.
- Maintain or replace safety and instruction labels, as necessary.
- Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- Do not charge ride-on equipment in rain, or in wet locations.
- Do not use battery-operated ride-on equipment in rain.
- Do not wash the ride-on equipment with a hose; avoid getting water in the motor and electrical connections.
- Store idle ride-on equipment indoors – When not in use, ride-on equipment should be stored in an indoor and locked-up place – out of reach of children.
- Turn off and remove key before servicing, cleaning, or removing material from the ride-on equipment.


⚠ Residual risks

- Even when the power tool is used as prescribed it is not possible to eliminate all residual risk factors. The following hazards may arise in connection with the power tool's construction and design:
 1. Damage to lungs if an effective dust mask is not worn.
 2. Damage to hearing if effective hearing protection is not worn.
 3. Damages to health resulting from vibration emission if the power tool is being used over longer period of time or not adequately managed and properly maintained.

⚠ WARNING: This power tool produces an electromagnetic field during operation. This field may under some circumstances interfere with active or passive medical implants. To reduce the risk of serious or fatal injury, we recommend persons with medical implants to consult their physician and the medical implant manufacturer before operating this machine.

SAVE THESE INSTRUCTIONS. Refer to them frequently and use them to instruct others who may use this product. If you lend this product to someone else, also lend these instructions to them to prevent misuse of the product and possibly injury.

SPECIFICATIONS

Voltage		56 V 
Deck Size		107 cm
Wheel Size	Front	15 x 6 – 6 in
	Rear	20 x 10 – 8 in
Cold Tire Pressure	Front	96.5 kPa
	Rear	151.7 kPa
Blade Speed (RPM)		Up to 2850
Maximum Driving Speed	Forward	Up to 9.6 km/h
	Reverse	Up to 4.8 km/h
Cutting-Height Adjustment (12 position)		25 – 100 mm
Charging Temperature Range		5°C – 40°C
Operating Temperature		0°C – 40°C
Storage Temperature		-20°C – 70°C
Weight (Without battery pack)		182 kg
Measured sound power level L_{WA}		95.72 dB(A) K=1.14 dB(A)
Sound pressure level at operator's ear L_{PA}		83.9 dB(A) K=3 dB(A)
Guaranteed sound power level L_{WA} (measured according to 2000/14/EC)		100 dB(A)
Vibration a_h	Hand	0.32 m/s ² K=1.5 m/s ²
	Body	0.18 m/s ² K=1.5 m/s ²

- The declared vibration total value has been measured in accordance with a standard test method and may be used for comparing one tool with another;
- The declared vibration total value may also be used in a preliminary assessment of exposure.

NOTICE: The vibration emission during actual use of the power tool can differ from the declared value in which the tool is used; In order to protect the operator, user should wear gloves and ear protectors in the actual conditions of use.

RECOMMENDED ACCESSORIES

⚠ WARNING: Use only accessories listed below. Use of accessories that do not meet the original equipment specifications may lead to improper performance and compromised safety.

PART NAME	MODEL NUMBER
Standard Blade	AB4200
High Lift Blade	AB4201
Mulching Plug	AMP4200
Cover	CRM001
Grass Bagger Kit*	ABK4200T
Cargo Box*	AMG1000
Sun Shade*	AMS1000

***NOTE:** Grass bagger kit, cargo kit and sun shade should be installed onto the tractor with the attachment rack.

DESCRIPTION

KNOW THE TRACTOR (Fig. A1)

KNOW THE LCD SCREEN (Fig. A2)

Refer to the section “TRACTOR STATUS REFERENCE” and “FAULT CODE REFERENCE” for more information about the icons and indicators on the LCD screen.

UNPACKING

NOTICE: Save the packing materials until you have carefully inspected and satisfactorily operated the product. If any parts in packing list assembled on the machine please instantly contact EGO service.

NOTICE: Except the tools in below packing list, all other tools mentioned in the manuals are just recommended but not provided.

PACKING LIST (Fig. B)

ASSEMBLY

INSTALLING THE STEERING WHEEL (Fig. C1)

INSTALLING THE SEAT (Fig. C2)

⚠ WARNING: The safety interlock system must not be disconnected or bypassed. Doing so could cause the tractor to operate unexpectedly, resulting in personal injury.

ATTACHING THE MULCHING PLUG (Fig. C3)

INSTALLING THE ATTACHMENT RACK (Fig. C4)

ADJUSTMENT

BEFORE ADJUSTMENT (Fig. D1)

ADJUSTING THE CUTTING-DECK HEIGHT (Fig. D2)

ADJUSTING THE ANTI-SCALP WHEELS (Fig. D3 – D6)

ADJUSTING THE SEAT (Fig. D7)

OPERATION

BEFORE OPERATION (Fig. E1)

SETTING THE PARKING BRAKE (Fig. E2)

⚠ WARNING: THE PARKING-BRAKE PEDAL CANNOT SLOW DOWN THE DRIVING SPEED. NEVER TRY TO DEPRESS THE PARKING-BRAKE PEDAL TO SLOW DOWN THE DRIVING SPEED DURING DRIVING. WHEN THE PARKING-BRAKE PEDAL IS DEPRESSED BUT IS NOT ENGAGED IN THE PARKING-BRAKE POSITION, THE ELECTRIC BRAKE IS NO LONGER EFFECTIVE AND THE TRACTOR WILL STOP MOVING ON A FLAT SURFACE. BUT IF THIS HAPPENS ON A SLOPE, THE TRACTOR MAY SLIDE DOWN THE SLOPE ONCE THE PARKING-BRAKE PEDAL IS RELEASED.

⚠ WARNING: PULL UP THE PARKING-BRAKE LOCK LEVER AND DEPRESS THE PARKING-BRAKE PEDAL IMMEDIATELY TO ENGAGE IT IN THE PARKING-BRAKE POSITION IN CASE ANY EMERGENCY OCCURS, THE TRACTOR WILL STOP IMMEDIATELY AND WILL NOT SLIDE DOWN THE SLOPE.

ATTACHING / DETACHING THE BATTERY PACK (Fig. E3 – E6)

In order to start this tractor, EGO batteries totaling 15 Ah (2 X BA4200/BA4200T) or more are required. For best performance, we recommended use of EGO batteries that total 30 Ah or more.

CHARGING THE TRACTOR

Use only with the recommended battery packs and chargers.

- Charge the battery pack(s) separately (Fig. E7)

NOTICE: Refer to corresponding battery and charger manuals for detail instructions.

- Charge the battery pack(s) via charging port (Fig. E8 – E10)

TESTING THE SAFETY INTERLOCK SYSTEM

- To test the deck-blade system (Fig. E11 – E12)
- To test the driving system (Fig. E13 – E14)

If the deck-blade system and/or the driving system fails to stop when the operator is off of the seat and if the cause cannot be determined after confirming the plug and socket connection of the seat is well connected, contact your EGO customer service centre immediately.

CHECKLIST BEFORE OPERATION

- Ensure that the work area is clear of children, bystanders, and pets.
- Clear the work area of objects that may be thrown by the tractor blades.
- Clean debris from the tractor.
- Check for loose fasteners.
- Check to make sure that all guards are in place and working properly.
- Visually check the tires whether they are inflated.
- Check the brake operation.
- Adjust the deck height to the desired cutting position best suited for the lawn, and adjust anti-scalp wheels accordingly.
- Adjust the seat position and make sure both pedals can be reached.
- Verify the battery charge level.
- Test the safety interlock system.

STARTING THE TRACTOR (Fig. E15 – Fig. E16)

⚠ WARNING: Avoid sudden starts, stops, and turns, as well as excessive speed, especially when first learning to operate the tractor. The tractor can spin rapidly, which may cause you to lose control and result in serious injury and/or damage.

⚠ WARNING: Before starting the tractor, check and make sure the blades are disengaged within 5s when pushing the PTO switch downward. If the blades fail to stop, do not use the tractor and contact your EGO customer service immediately.

NOTE:

- If the parking-brake pedal is set at the parking-brake position, you need to only press the start/stop button for 3 seconds to illuminate the LCD screen and then release the parking-brake pedal before driving the tractor.
- The cutting blades can be started at any time once the LCD screen is fully illuminated and the direction control lever is not pulled backward in the “R” direction. To turn on the blades while driving the tractor in reverse, refer to the section “**TURNING BLADES ON WHILE DRIVING IN REVERSE**” in this manual.

NOTICE: Follow Fig. E17 to get the lowest driving speed until you are fully capable of operating the tractor in all situations.

The electric lawn tractor does not memorize the driving speed and blade speed settings. The driving speed and blade speed will return to level 2 every time the tractor is turned off.

Driving Speed Adjustment (Fig. E17)

Blade Speed Adjustment (Fig. E18)

LED Lights (Fig. E19)

- The LED headlights could be turned on and off by the LED light switch.

USB Port

NOTICE: The USB port provides charging power of 5 Voltage DC at up a combined draw of 1.5 Amperes and is powered only when the tractor is startup.

STOPPING THE TRACTOR (Fig. E20)

⚠ WARNING: Always set the parking-brake pedal at parking-brake position when the tractor stops driving on a slope, otherwise, the tractor may slide down the slope, which may cause serious tractor damage or personal injury!

NOTE: In a situation when the parking-brake pedal is set to the parking-brake position and the operator is off the seat, but the battery packs are not removed:

- In case the LCD screen is turned off, the battery indicators, start/stop button, and CCS button will remain illuminated for 1 hour.
- In case the LCD screen shows the “fuel gauge” or operator interface, the tractor will automatically shut off after 1 hour.

Limp-Home Mode

When battery charge becomes critically low, the tractor will go into Limp-Home mode to preserve enough power to travel back to the charging area.

- The blades switch into low rotation speed, which could only cut very little amount of grass. Upon encountering tall and dense grass, the blades will stop rotating. The audio indicator will sound (beep) intermittently.
- The tractor status indicator will flash red every second, both the alert icon (low-power) and the icon of each occupied battery compartment will blink.

The operator should:

- Push the PTO switch downward to turn off the blade motors. The audio indicator will stop sounding when the blade motors stop.
- Stop working and get to the charging area as soon as possible. The maximum distance the tractor can travel is 1000m.

When the battery is nearly depleted, both the alert icon (low-power) and the icon of each occupied battery compartment will blink every half a second. The tractor will stop working immediately. The operator will have to transport the tractor to the charging area for charging.

NOTICE: If manual pushing is needed, be sure that the batteries are disconnected from the tractor and the parking-brake pedal is released from the parking-brake position.

DRIVING THE TRACTOR (Fig. E21)

⚠ DANGER: Stay at least two mowing widths away from any ditches, drop-offs, or water. Front wheels can rotate when the tractor is stopped, even with the brake applied, and cause the tractor to go over the edge or into the water and result in death or serious personal injury.

⚠ WARNING: Do not operate the tractor on public roadways.

⚠ WARNING: If blockage happens or you strike a foreign object, stop the motors and remove the batteries. Remove grass clippings, leaves, dirt and any other accumulated debris; thoroughly inspect the tractor for damage and repair the damage before restarting and operating the tractor.

NOTE:

- During driving, when you leave the seat, the tractor status indicator will turn off. When restarting driving again, sit back on the seat and fully depress the parking-brake pedal to make the tractor status indicator shine green.
- When switching between forward and reverse during driving, move the direction control lever directly from one end to the other without stopping in the neutral position, otherwise the tractor may stop moving.

USING CRUISE CONTROL (CCS)

To activate (enter) Cruise Control (CCS) (Fig. E22)



NOTE: The driving speed level shown on the LCD screen may not accurately represent the actual driving speed of the tractor in cruise control. Press the speed adjustment button to “refresh” the driving speed level on the LCD screen.

To stop (exit) Cruise Control (CCS), you may choose one of the three ways:

- Depress the accelerator pedal all the way and keep depressing. The CCS function will stop and the tractor will continue driving.

- Slightly depress the accelerator pedal and then release it. The tractor and the CCS function will stop.
- Press the CCS button. The tractor and the CCS function will stop.

NOTE: When the CCS is stopped, the “” icon will disappear from the LCD screen and beep will sound twice.

NOTE: If the parking-brake pedal is depressed, the tractor will stop but the “” icon will blink on the LCD screen to indicate the CCS is on standby. In this case, release the parking-brake pedal, press the CCS button. The tractor will resume driving automatically and the “” icon will stop blinking.

TURNING BLADES ON WHILE DRIVING IN REVERSE

NOTICE: Mowing in reverse is not recommended.


⚠ WARNING: Use extreme caution when mowing in reverse. Always make sure no individuals come into the work area, especially small children before and while mowing in reverse.

⚠ WARNING: The visibility of the operators could be impaired when operating the tractor attached with the bagger kit. Extreme caution and familiarity with the surroundings should always be taken into consideration before and while mowing in reverse.

To Activate (Enter) MOWING IN REVERSE (E23)

To Stop (Exit) MOWING IN REVERSE, you may choose one of the four ways:

- Press the MOWING IN REVERSE button once.
- Raise yourself off the tractor seat.
- Press the start/stop button for 3s to turn off the LCD screen.
- Remove the safety key or remove the battery pack(s) to shut down the tractor.

NOTE: When the MOWING IN REVERSE is stopped, the “” icon will illuminate on the LCD screen.

MAINTENANCE

⚠ WARNING: Always wear eye protection with side shields. Failure to do so could result in objects being thrown into your eyes resulting in possible serious injury.

⚠ 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 tractor blade. Always remove the safety key and battery packs when servicing or transporting the tractor.

RECOMMENDED MAINTENANCE SCHEDULE(S)

Maintenance Service Interval	Maintenance Procedure
Before each use or daily	<ul style="list-style-type: none"> Check the safety-interlock system. Visually check the tires whether they are inflated. Inspect the blades. Inspect the entire product for damaged, missing, or loose parts such as side discharge chute, screws, nuts, bolts, caps, etc., ensuring that all guards are in place and working properly. Check and make sure the accelerator pedal could be depressed and release properly. Check the steering wheel damper. The steering wheel should be rotated with certain resistance.
After each use	<ul style="list-style-type: none"> Clean the tractor and wash the deck.
Every 25h	<ul style="list-style-type: none"> Check the tire pressure.
Every 100h	<ul style="list-style-type: none"> Check the rear wheels, ensuring that all lug nuts are fastened at the recommended torque (101 – 103 Nm). Check the front wheels, ensuring that the nut is fastened at the recommended torque (90 – 92 Nm).
Every 200h	<ul style="list-style-type: none"> Check the front wheels, ensuring that they turn freely.
Every half a year	<ul style="list-style-type: none"> Check the parking-brake pedal. Remove the battery from the tractor, then pull up the parking-brake lock lever and depress the parking-brake pedal to set the parking-brake. Manually push the tractor forward to see if the tractor can be moved without the rear wheels rotating. If the tractor moves and the rear wheels rotate meanwhile, please contact EGO customer service centre for repair.
Before storage	<ul style="list-style-type: none"> Remove the batteries from the tractor. Remove the safety key from the tractor. Perform all maintenance procedures listed above and thoroughly clean the tractor. Inspect the entire product for damaged, missing, or loose parts, replace or tighten the corresponding ones before storage.
Annually	<ul style="list-style-type: none"> Lubricate the shaft sleeves of the front wheels.

GENERAL MAINTENANCE

Cleaning the tractor housing (Fig. F1 – F2)

Using wash port to clean tractor deck (Fig. F3 – F4)

NOTICE: When finishing cleaning, turn off the tractor completely and then remove the garden hose and quick-coupler.

MAINTAINING THE TRACTOR DECK AND THE CUTTING BLADES

Preparation (Fig. G1)

Removing the deck (Fig. G2 – G3)

Replacing the cutting blades (Fig. G4 – G6)

Leveling the deck

- a. When to level (Fig. G7 / Fig. G8 / Fig. G9)
- b. Before leveling
 - Checking the cold tire pressure (Fig. G10).
 - Check the cutting blades. Remove and replace worn, cracked, and/or bent blades as necessary.
- c. Preparation for leveling (Fig. G11)
- d. How to level
 - To make side-to-side adjustment (Fig. G12)
 - To make front-to-rear adjustment (Fig. G13)

STORAGE AND TRANSPORT

TRANSPORTING THE TRACTOR (Fig. H1 – H5)

NOTICE: Secure the tractor as needed, using straps or cables to prevent movement during transport.

STORAGE (Fig. I1 – I2)

NOTICE: Remove and store the battery pack(s) separately refer to the corresponding manuals.

Clean and check the tractor before storage refer to the sections “**GENERAL MAINTENANCE**” and “**RECOMMENDED MAINTENANCE SCHEDULE(S)**”.


Protecting the environment



WEEE (Waste Electrical and Electronic Equipment) Do not dispose of electrical equipment, used battery and charger into household waste! Take this product to an authorized recycler and make it available for separate collection. Electric tools must be returned to an environmentally compatible recycling facility.

TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
The electric lawn tractor fails to drive when the accelerator pedal is depressed.	<ul style="list-style-type: none"> ■ The combined Ah of the inserted batteries does not meet the requirement. 	<ul style="list-style-type: none"> ■ In order to start this tractor, use enough EGO batteries following the instructions in section “ATTACHING/ DETACHING THE BATTERY PACK” in this manual.
	<ul style="list-style-type: none"> ■ The parking brake pedal is set in the braking position. 	<ul style="list-style-type: none"> ■ Fully depress the parking-brake pedal to release it from the parking-brake position.
	<ul style="list-style-type: none"> ■ The tractor status indicator does not shine green. 	<ul style="list-style-type: none"> ■ Depress the parking-brake pedal and then release. The tractor status indicator will shine green, which means the tractor is ready to start.
	<ul style="list-style-type: none"> ■ The operator is not sitting on the seat. 	<ul style="list-style-type: none"> ■ The tractor can only be operated, when the operator is properly sitting on the seat.
	<ul style="list-style-type: none"> ■ The seat safety interlock system is not connected properly. 	<ul style="list-style-type: none"> ■ Remove the batteries from the tractor and lift the back of the seat up to make sure that the cable plug is properly connected to the socket on the bottom of the seat (see chapter “INSTALLING THE SEAT”). Follow the instructions in “STARTING THE TRACTOR” to restart the tractor to see if the tractor can be started. If not, please contact EGO customer service centre for repair.
	<ul style="list-style-type: none"> ■ Under extreme cold weather, the driving function may not start successfully due to the low temperature protection. 	<ul style="list-style-type: none"> ■ Always store the tractor and batteries in warm environment. Restart the tractor when it is warmed up. Please do not make repeated attempts under extreme cold weather which may damage the machine.
	<ul style="list-style-type: none"> ■ The travel path of the accelerator pedal is clogged with debris. 	<ul style="list-style-type: none"> ■ Check and remove the debris
	<ul style="list-style-type: none"> ■ Failure of mechanical or electronic components of the accelerator pedal. 	<ul style="list-style-type: none"> ■ Contact EGO customer service centre for repair.
The electric lawn tractor stops driving.	<ul style="list-style-type: none"> ■ The direction control lever is placed in the neutral position. 	<ul style="list-style-type: none"> ■ Push/pull the direction control lever in the “D” or “R” direction.
	<ul style="list-style-type: none"> ■ When switching between forward and reverse during driving, the direction control lever stays in the neutral position for long time. 	<ul style="list-style-type: none"> ■ Release the accelerator pedal and then depress it again.
	<ul style="list-style-type: none"> ■ Failure of electronic components of the accelerator pedal. 	<ul style="list-style-type: none"> ■ Contact EGO customer service centre for repair.
	<ul style="list-style-type: none"> ■ The seat safety interlock system got disconnected during driving on a rough terrain. 	<ul style="list-style-type: none"> ■ Remove the batteries from the tractor and lift the back of the seat up to make sure that the cable plug is properly connected to the socket on the bottom of the seat (see chapter “INSTALLING THE SEAT”). Follow the instructions in “STARTING THE TRACTOR” to restart the tractor to see if the tractor can be started. If not, contact EGO customer service centre for repair.
	<ul style="list-style-type: none"> ■ The operator’s weight is not evenly distributed on the seat. The weight of the operator on the seat must be at least 20 kg for the seat safety interlock system to function properly. 	<ol style="list-style-type: none"> 1. Sit on the seat properly, fully depress the parking-brake pedal and release it, then the tractor is ready for driving. 2. Disconnect and attach the batteries again if necessary.
	<ul style="list-style-type: none"> ■ The parking-brake pedal is depressed enough but not locked to the parking position, the tractor will stop. 	<ul style="list-style-type: none"> ■ Follow the instructions in “STARTING THE TRACTOR” to restart the tractor.








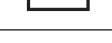



PROBLEM	CAUSE	SOLUTION
<p>The electric lawn tractor fails to start the blades when the PTO switch is activated.</p>  PTO Switch icon blinks	<ul style="list-style-type: none"> The combined Ah of the inserted batteries does not meet the requirement. 	<ul style="list-style-type: none"> In order to start this tractor, use enough EGO batteries following the instructions in section “ATTACHING/ DETACHING THE BATTERY PACK” in this manual.
	<ul style="list-style-type: none"> The PTO switch was not pushed down when the tractor was turned off last time. 	<ul style="list-style-type: none"> Push the PTO switch down and then up to restart the blade motors.
	<ul style="list-style-type: none"> The tractor is overloaded at the moment the blades are starting to rotate, triggering the blade motors self-protection. 	<ul style="list-style-type: none"> Start the grass cutting in lower blade speed first and do not accelerate the blade speed until the blades are rotating successfully.
	<ul style="list-style-type: none"> Under extreme cold weather, the blade motor may not start successfully due to the low temperature protection. 	<ul style="list-style-type: none"> Always store the tractor and batteries in warm environment. Restart the tractor when it is warmed up. Please do not make repeated attempts under extreme cold weather which may damage the machine.
	<ul style="list-style-type: none"> The blade interferes with the deformed tractor deck 	<ul style="list-style-type: none"> Contact EGO Customer Service Centre for repair.
<p>The blades stop rotating during grass cutting.</p>	<ul style="list-style-type: none"> The tractor is overloaded. 	<ul style="list-style-type: none"> Raise the deck cutting height or slow down the driving speed to reduce the load of the tractor.
	<ul style="list-style-type: none"> The deck is clogged with grass and debris. 	<ul style="list-style-type: none"> Clean the deck and make certain that the blades have freedom of movement.
	<ul style="list-style-type: none"> The tractor is overheated. 	<ul style="list-style-type: none"> Reduce the load of the tractor, by raising the deck cutting height or slowing down the blade/driving speed and allow the tractor to cool.
	<ul style="list-style-type: none"> The battery pack(s) in the tractor's battery compartment is overheated, resulting in combined Ah rating of all inserted batteries to not meet the requirement 	<ol style="list-style-type: none"> The tractor can continue working if the combined battery Ah rating, overheated battery excluded, meets the requirement. Once the overheated battery returns to normal temperature, it will join in powering the tractor immediately. If the combined battery Ah rating does not meet the requirement, the tractor will not work until more battery packs are inserted into the vacant battery compartments. Reduce the load of the tractor by raising the deck cutting height or slowing down the driving speed when resuming operation.
	<ul style="list-style-type: none"> The tractor is in Limp-Home mode. 	<ul style="list-style-type: none"> When the tractor is in Limp-Home mode, the blades are automatically switched into low rotation speed. The operator should stop working and drive to the battery charging area as soon as possible.
	<ul style="list-style-type: none"> The tractor is hit by a foreign object, resulting in motor self-protection. 	<ul style="list-style-type: none"> Push the PTO switch down and then up to restart the blade motors.
	<ul style="list-style-type: none"> The tractor moves in reverse with the MOWING IN REVERSE OFF icon illuminated on the LCD screen. 	<ul style="list-style-type: none"> Press the PTO switch down and restart the blade motors following the instructions in the section “TO Active (Enter) MOWING IN REVERSE”.
<p>The audio indicator continues sounding.</p>	<ul style="list-style-type: none"> The tractor is in Limp-home mode and the blades are not turned off. 	<ul style="list-style-type: none"> Push the PTO switch down to turn off the blade motors. The audio indicator will stop sounding when the blade motors are turned off.
	<ul style="list-style-type: none"> The tractor stops driving on a slope and the operator is off the seat without setting the parking-brake pedal at the parking-brake position. 	<ul style="list-style-type: none"> Set the parking-brake pedal in the parking-brake position before leaving the tractor on the slope.

PROBLEM	CAUSE	SOLUTION
The power indicators on battery packs are still illuminated when the tractor is turned off.	<ul style="list-style-type: none"> When the tractor is turned off on level ground without removing the battery pack(s) from the tractor, the power indicators will remain illuminated for a period. 	<ul style="list-style-type: none"> No action is needed. The battery indicators will go off when the tractor shuts off after a period. Refer to the section "STOPPING THE TRACTOR" for specific time
	<ul style="list-style-type: none"> When the tractor is turned off on a slope without setting the parking brake, the power indicators on battery packs will stay on until the battery charge is depleted. The audio indicator keeps sounding at the same time. 	<ul style="list-style-type: none"> Set the parking-brake pedal at the parking-brake position before leaving the tractor on the slope. Otherwise, the tractor may slide down the slope.
The LCD screen fails to be illuminated with all icons on.	<ul style="list-style-type: none"> Start/stop button is not pressed for sufficient time. 	<ol style="list-style-type: none"> The LCD screen will only display the "fuel gauge" when the start/stop button is pressed briefly. The LCD screen will turn on after fully depressing the parking-brake pedal and pressing the start/stop button for sufficient time simultaneously.
	<ul style="list-style-type: none"> When the safety key icon "🔑" flashes on the LCD screen, the safety key is not inserted. 	<ul style="list-style-type: none"> Insert the safety key, then fully depress the parking-brake pedal and press the start/stop button for sufficient time simultaneously to turn on the LCD screen.
	<ul style="list-style-type: none"> When the parking-brake icon "Ⓟ" flashes on the LCD screen, the parking-brake pedal is not fully depressed. 	<ul style="list-style-type: none"> Insert the safety key, then fully depress the parking-brake pedal and press the start/stop button for sufficient time simultaneously to turn on the LCD screen.
The tractor cuts unevenly, with significant height difference front to rear.	<ul style="list-style-type: none"> The blades are dull. 	<ul style="list-style-type: none"> Sharpen or replace the cutting blades as instructed in this manual.
	<ul style="list-style-type: none"> The blades are bent. 	<ul style="list-style-type: none"> Replace the bent cutting blades following the instructions in section "Replacing the cutting blades".
	<ul style="list-style-type: none"> The deck is not leveled, resulting in different cutting blade height 	<ul style="list-style-type: none"> Level the deck following the instructions in section "Leveling the deck".
The actual grass cutting height is not aligned with the claimed height.	<ul style="list-style-type: none"> The deck nuts are loosened on the suspension linkage. 	<ul style="list-style-type: none"> Follow the instructions in section "Leveling the deck" to make correct front-to-rear adjustment for the tractor deck and securely tighten the nuts on the suspension linkage.
	<ul style="list-style-type: none"> The deck is damaged or seriously worn. 	<ul style="list-style-type: none"> Follow the instructions in section "Removing the deck" to have tractor deck replaced.
The tractor does not mulch properly.	<ul style="list-style-type: none"> Wet grass clippings are sticking to the underside of the deck. 	<ul style="list-style-type: none"> Wait until the grass dries before mowing.
	<ul style="list-style-type: none"> The tractor is set to cut too much grass at once. 	<ul style="list-style-type: none"> Raise the deck cutting height.
Excessive vibration.	<ul style="list-style-type: none"> The cutting blades are loose. 	<ul style="list-style-type: none"> Tighten the blade bolt to the recommended torque.
	<ul style="list-style-type: none"> The blades are bent. 	<ul style="list-style-type: none"> Replace the bent cutting blades following the instructions in section "Replacing the cutting blades".
	<ul style="list-style-type: none"> The deck is not leveled. 	<ul style="list-style-type: none"> Level the tractor deck following the instructions in section "Leveling the deck".
	<ul style="list-style-type: none"> The deck nuts are loosened on the suspension linkage. 	<ul style="list-style-type: none"> Tighten the nuts on the suspension linkage.
	<ul style="list-style-type: none"> The deck is set to cut too much grass at once. 	<ul style="list-style-type: none"> Raise the deck cutting height.

PROBLEM	CAUSE	SOLUTION
There are grass or debris remaining on the ground after mowing.	<ul style="list-style-type: none"> The deck is set to cut too much grass at once when the grass is tall. 	<ul style="list-style-type: none"> Begin with a high cutting height and reduce it until the desired mowing result is attained. Grass over 152 mm tall should be mowed twice, at successively lower cutting heights.
	<ul style="list-style-type: none"> The grass is wet. 	<ul style="list-style-type: none"> Do not mow when the grass is wet. Wait until the grass dries.
	<ul style="list-style-type: none"> The driving speed is high. 	<ul style="list-style-type: none"> Slow down the driving speed.
	<ul style="list-style-type: none"> The blade speed is low. 	<ul style="list-style-type: none"> Increase the blade speed gradually.
Short run time of the tractor with included batteries.	<ul style="list-style-type: none"> Lawn terrain, grass conditions, cutting-height setting, driving speed, blade speed, etc. will greatly affect the running time. 	<ul style="list-style-type: none"> Raise the deck cutting height and slow down the blade speed to reduce the cutting load.
The tractor is not tracking straight.	<ul style="list-style-type: none"> The tire pressures for the left and right wheels are different. 	<ul style="list-style-type: none"> Check and adjust the air pressure in both front rear wheel tires, according to the recommendation in section “SPECIFICATIONS” in this manual.
The parking-brake pedal cannot be released from the parking-brake position or is slow to spring back.	<ul style="list-style-type: none"> The travel path of the parking-brake pedal is clogged with debris. 	<ul style="list-style-type: none"> Check and remove the debris.
The tractor cannot be charged via charging port with the tractor status indicator shining solid red.	<ul style="list-style-type: none"> The plug of the charger is not inserted correctly into the charging port on the tractor. 	<ul style="list-style-type: none"> Reconnect the charger plug to see whether the tractor can be charged normally.
	<ul style="list-style-type: none"> There is no power in the wall outlets. 	<ul style="list-style-type: none"> No action is needed. Wait until the power recovers.
	<ul style="list-style-type: none"> Charger malfunction. 	<ul style="list-style-type: none"> Please contact EGO customer service centre and have the charger inspected and/or repaired if needed by a qualified service technician.
	<ul style="list-style-type: none"> The charger port on the tractor is faulty. 	<ul style="list-style-type: none"> Please contact EGO customer service centre for repair.
The charging time via the tractor charging port is too long.	<ul style="list-style-type: none"> Using EGO Adapter ACA1000 for charging requires long time. 	<ul style="list-style-type: none"> Use EGO charger CHV1600E for charging the electric lawn tractor directly.
The batteries cannot be fully charged via the tractor charging port.	<ul style="list-style-type: none"> Firmware bug of the tractor or the battery pack or the charger failure. 	<ul style="list-style-type: none"> Reset the charger by unplugging the charger and waiting for several minutes. Then reconnect the plug to the power supply. If this does not solve the problem, call EGO Customer Service Centre.
The tractor cannot be started after cleaning.	<ul style="list-style-type: none"> Improper cleaning, such as water getting on the electric components, LCD screen etc. 	<ol style="list-style-type: none"> Follow the instructions in section “GENERAL MAINTENANCE” to clean the tractor correctly. If the tractor caught in rain accidentally, leave it to dry or use compressed air to dry it.
The deck gets clogged fast.	<ul style="list-style-type: none"> The deck was not properly cleaned after previous use. 	<ul style="list-style-type: none"> Clean the tractor deck after each use, following the section “Using wash port to clean the deck”.
The tractor easily loses traction when climbing up on the slope.	<ul style="list-style-type: none"> The tires of the rear wheels are worn. 	<ul style="list-style-type: none"> Seek local service to replace the wheel tires.
	<ul style="list-style-type: none"> Mowing on a steep slope. 	<ul style="list-style-type: none"> The tractor should not be used to mow slopes steeper than required degrees.
When the tractor is stopped on a slope with the parking-brake pedal engaged, the tractor can roll down the slope.	<ul style="list-style-type: none"> The brake components are excessively worn due to improper operation of the tractor. 	<ul style="list-style-type: none"> Contact EGO customer service centre for repair.

PROBLEM	CAUSE	SOLUTION
There is no water coming from the wash port when attempting to wash the deck.	<ul style="list-style-type: none"> The wash-port quick coupler is not properly mounted onto the wash port. 	<ul style="list-style-type: none"> Re-attach the wash-port quick coupler until you hear a clear click after firmly pushing. If it does not work, call EGO Customer Service Centre.
An abnormal sound is heard when manually pushing the tractor without starting it.	<ul style="list-style-type: none"> The sound comes from the magnets inside the driving motor. 	<ul style="list-style-type: none"> It is normal and no action is needed.
The steering wheel cannot be rotated.	<ul style="list-style-type: none"> The steering wheel assembly is clogged with debris. 	<ul style="list-style-type: none"> Check and remove the debris.
The tractor does not turn left/right when the steering wheel is rotated.	<ul style="list-style-type: none"> Failure of electronic or mechanical components. 	<ul style="list-style-type: none"> Contact EGO Customer Service Centre for repair.
The tractor fails to stop when releasing the accelerator pedal.	<ul style="list-style-type: none"> The return path of the accelerator pedal is clogged with debris. 	<ul style="list-style-type: none"> Check and remove the debris.
	<ul style="list-style-type: none"> The CCS button is pressed unintentionally while driving. The tractor is in cruise-control mode 	<ul style="list-style-type: none"> Check if the CCS icon is illuminated on the LCD screen, and exit the CCS as necessary. Refer to chapter "USING CRUISE CONTROL (CCS)".
The CCS function cannot be activated or turned off.	<ul style="list-style-type: none"> The CCS button is not pressed properly. 	<ul style="list-style-type: none"> Press the CCS button until the CCS icon is illuminated on the LCD screen, or disappears from the LCD screen.
The front wheels of the tractor rotate with abnormal noise	<ul style="list-style-type: none"> The shaft sleeves of the front wheels require lubrication. 	<ul style="list-style-type: none"> Remove the battery packs and then fill the injection ports with grease until the grease overflows the upper edge or lower edge of the shaft sleeves of the front wheels.

TRACTOR STATUS REFERENCE

LCD Display	Description	Tractor Status Indicator	Audio Indicator	Cause	Solution
	Fuel Gauge Icon	OFF	No	It indicates the average charge capacity of inserted batteries	This is normal operation. No action is needed.
	Hour Metre Icon	OFF	No	It shows the total driving time of tractor, in hours and cannot be reset.	This is normal operation. No action is needed.
	Load Indicator Icon	OFF	No	It indicates the current load of the tractor.	This is normal operation. No action is needed.
	LED lights icon illuminates on the LCD screen.	OFF	No	The headlights are turned on by the LED light switch.	This is normal operation. No action is needed.
	Bluetooth icon illuminates on the LCD screen	OFF	No	The tractor is connected to a mobile device via Bluetooth.	This is normal operation. No action is needed.
	MOWING IN REVERSE OFF Icon illuminates on the LCD screen.	OFF	No	It indicates the blades cannot be turned on when the tractor moves in reverse.	This is normal operation. If needed, turn the blades on while driving in reverse following the section "TURNING BLADES ON WHILE DRIVING IN REVERSE" in the manual.
	Drive Icon illuminates on the LCD screen.	OFF	No	It indicates the tractor can be driven or is driving forward.	This is normal operation. Place the direction control lever in "D", neutral, or "R" position according to the need.
	Reverse Icon illuminates on the LCD screen.	OFF	No	It indicates the tractor can be driven or is driving backward.	
	Drive icon and reverse icon blink alternately	OFF	No	It indicates the tractor could not be driven.	
	Safety key icon illuminates	OFF	No	The safety key is inserted correctly.	This is normal operation. No action is needed.
	Safety key icon blinks when the LCD screen displays "fuel gauge".	OFF	No	The safety key is not inserted.	Insert the safety key then fully depress the parking-brake pedal and press the START/STOP button simultaneously for more than 3 seconds to turn on the tractor.
				Key Control Panel Box Assembly is broken.	Contact EGO customer service centre for repair.
	Parking-brake icon blinks when the LCD screen displays the "fuel gauge".	OFF	No	The parking-brake pedal is not depressed.	With the safety key inserted, fully depress the parking-brake pedal and press the START/STOP button simultaneously for more than 3 seconds to turn on the tractor.
	Parking-brake icon blinks when the LCD screen displays operator interface.	OFF	No	Depress the accelerator pedal before depressing the parking-brake pedal to make the tractor indicator shine green.	Start the tractor properly following the section "STARTING THE TRACTOR" .
	Parking-brake icon illuminates	OFF	No	The parking-brake pedal is set at the parking-brake position.	Release it before starting the tractor.

LCD Display	Description	Tractor Status Indicator	Audio Indicator	Cause	Solution
	Seat sensor icon illuminates	OFF	No	The operator leaves the seat or the seat safety interlock system is disconnected.	If with the operator is seated on the seat and the icon is on, stop operating the tractor immediately and check the seat connection. If the seat connection with the tractor is confirmed correct, please contact a qualified service technician for repairs.
	PTO Switch icon blinks	OFF	No	The blade motor was interrupted in operation and the PTO switch is not set to off position.	Before restarting the tractor, push the PTO switch down to turn off the blade motors. Please see “TROUBLESHOOTING” section in this manual for reference.
	The icon of a certain battery compartment blinks.	OFF	No	A certain battery during discharging is over-current.	No action is needed. The tractor can continue working if the combined battery Ah rating, over-current battery excluded, is equal to or more than 15Ah. Once the over-current battery returns to normal, it will join in powering the tractor immediately and the icon will disappear.
	The icon of the empty battery compartment blinks	OFF	No	Battery capacity is not sufficient to allow the tractor to work.	In order to start this tractor, use enough EGO batteries following the instructions in section “ATTACHING/DETACHING THE BATTERY PACK” in this manual.
	The temperature icon and the exact occupied battery compartment blink at the same time.	OFF	No	The battery pack in the corresponding numbered battery compartment is overheated.	<ol style="list-style-type: none"> 1. The tractor can continue working if the combined battery Ah rating, overheated battery excluded, meets the requirement. Once the overheated battery returns to normal temperature, it will join in powering the tractor immediately. 2. If the combined battery Ah rating does not meet the requirement, the tractor will not work until more battery packs are inserted into the vacant battery compartments. 3. Reduce the load of the tractor by raising the deck cutting height or slowing down the driving speed when resuming operation.
	The temperature icon blinks.	OFF	One beep	The tractor is overheated.	Reduce the load of the tractor by raising the deck cutting height or slowing down the blade/driving speed. Take a break and allow the tractor to cool.
				The tractor is too cold.	Please do not make repeated attempts which may damage the machine. Always store the tractor and batteries in warm environment. Restart the tractor when it is warmed up.

LCD Display	Description	Tractor Status Indicator	Audio Indicator	Cause	Solution
	The alert icon blinks	Flashes red	One beep	The blade motor is overloaded.	Raise the deck cutting height or slow the driving speed to reduce the load of the tractor.
				The side discharge chute is clogged with grass and debris.	Clean the side discharge chute after each use.
				There is an interference between the blade and the tractor deck.	Call EGO Customer Service Centre
	The icons of each occupied battery compartment and alert icon blink every 1 second at the same time on the LCD screen.	Flashes red	Keeps beeping until the PTO switch is pushed downward.	The battery packs are low on charge and the tractor is in Limp Home mode.	Stop working and return to the battery charging area. NOTE: When the tractor is in Limp-Home mode, the blades are automatically switched into low rotation speed and meanwhile the audio indicator will keep beeping. The operator should push the PTO switch downward to turn off the blade motors. The audio indicator will stop beeping after the blades stop.
	The icon of each occupied battery compartment and alert icon blink every half a second.	Flashes red	Keeps beeping	The blade motor was interrupted in operation and the PTO switch is not set to off position.	The tractor will stop working immediately. The operator should transport the tractor to the battery charging area for charging.
	CCS icon illuminates on the LCD screen	Solid green	No	The tractor continues forward at a set speed without needing to step on the accelerator pedal.	This is normal operation. If needed, turn the CCS function off following the section “ To stop (exit) Cruise Control (CCS) ” in the manual.
	CCS icon blinks on the LCD screen.	OFF	No	The CCS (cruise control system) function has failed. Parking-brake pedal is depressed to stop the tractor.	The CCS function could not be set when the tractor is driving at very low speed or is driving in reverse. After the parking-brake pedal is released, press the CCS button and the CCS icon will illuminate on the LCD, or exit the CCS function following the instructions in the section “ To stop (exit) Cruise Control (CCS) ”.
n/a	n/a	OFF	Keeps beeping	The tractor is parked on a slope and the operator leaves the tractor without setting the parking-brake pedal at the parking-brake position.	Set the parking-brake pedal at the parking-brake position. The parking-brake icon will illuminate and the sound indicator will stop beeping.
OFF	Charging Port Fault	Solid RED	n/a	There is no power supply.	Check the wall outlet whether there is 220 V-240 V supplied or the socket is good.
		Solid RED	n/a	Electronic faults, such as the charging port is in open circuit, the fuse is blown, etc.	Contact EGO customer service centre for repair.

FAULT CODE REFERENCE

Description	Fault Code on LCD	Audio Indicator	Solution
Left blade motor fails in rotation	509	One beep	Inspect the blade first. If it is loosened, tighten the bolt with recommended torque. Otherwise, Please contact EGO customer service centre for repair.
Right blade motor fails in rotation	609	One beep	

NOTICE: For any other fault codes appeared on the LCD screen, which may indicate PCBA failure, loosen connection, motor failure of the driving motor, blade motors, etc., please remove all battery packs and re-insert them a few minutes later to restart the tractor. If this doesn't solve the problem, please record the fault code and contact EGO customer service centre for repair.



WARRANTY POLICY

For warranty service or to make a claim, please visit our Warranty Portal at egopowerplus.com.au/warranty-policy, alternatively you can contact EGO customer service via the following: **Australia 1300 000 346, New Zealand 0508 000 346.**

Chervon Australia Pty Ltd ABN 36 165 077 501 and Chervon New Zealand Subsidiary Ltd NZBN 9429049277616 ("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.

Warranty for commercial use is 1 year on all product, battery and chargers. The Commercial Range Product Warranty for commercial users is 2 years for commercial tools, commercial batteries and commercial chargers. Please refer to product warranty table below for further clarification.

The warranty period for routine accessories, consumables or maintenance parts, such as, but not limited to, ride-on mower seat, wheels, tyres, anti-scalp wheels, brake discs, blades, trimmer heads, chain bars, saw chains, augers, blower nozzles, and all other EGO accessories is 90 days for residential purpose, 30 days for industrial, professional or commercial purpose. These parts are covered for 90/30 days from manufacture defects in normal working conditions.

To make a claim, call 1300 000 346 for AU or 0508 000 346 for NZ or lodge a claim via our portal link above. 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 (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 the damage resulting from modification, alteration or unauthorised repair. 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 discolouring by heat, abrasive and chemical cleaners. This warranty is void if the product has been used for rental purpose. 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 and the New Zealand Consumer Guarantee Act 1993. 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. The warranty applies to the original purchaser and applies only to purchases made from authorised EGO Dealers, which can be confirmed on the website store locator. For avoidance of doubt, 3rd party online stores such as eBay, Gumtree, Amazon, etc. are excluded.

Chervon Australia Pty Ltd, Unit 14, 5 Kelletts Rd, Rowville, VIC. 3178.

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Ph New Zealand; 0508 000 346. Email: support@egopowerplus.co.nz

PRODUCT OR MODEL #	LIMITED WARRANTY FOR CONSUMER USE (PERSONAL, HOUSEHOLD USE)	LIMITED WARRANTY FOR PROFESSIONAL USE (ANY COMMERCIAL, AGRICULTURAL, INSTITUTIONAL, OR INCOME-PRODUCING USE)
EGO Power+ Outdoor Power Equipment and Portable Power Products	5 years	1 year
EGO Power+ Battery Packs and Chargers	3 years	1 year
Specific warranties apply to the products below:		
Commercial Tools*	5 years	2 years
Commercial Batteries & Chargers**	3 years	2 years
Mini Bike (MB1000E)	1 Year	N/A
Accessories / Consumables	90 Days	30 Days

*Commercial Tools include: BCX3800, BCX4500, BHX1001, CSX3000, CSX5000, EDX2000, HTX5300-P, HTX5300-PA, HTX7500, LBPX8000, LBX1000, LBX6000, LMX5300SP, PPX1000, PTX5100, PSX2500, PSX2510, STX3800, STX4500.

**Commercial Batteries & Chargers include: BAX1501, CHU6000E, CHX5500E, HC2240T, PGX1400PB, PGX1600E-H, PGX3000D.