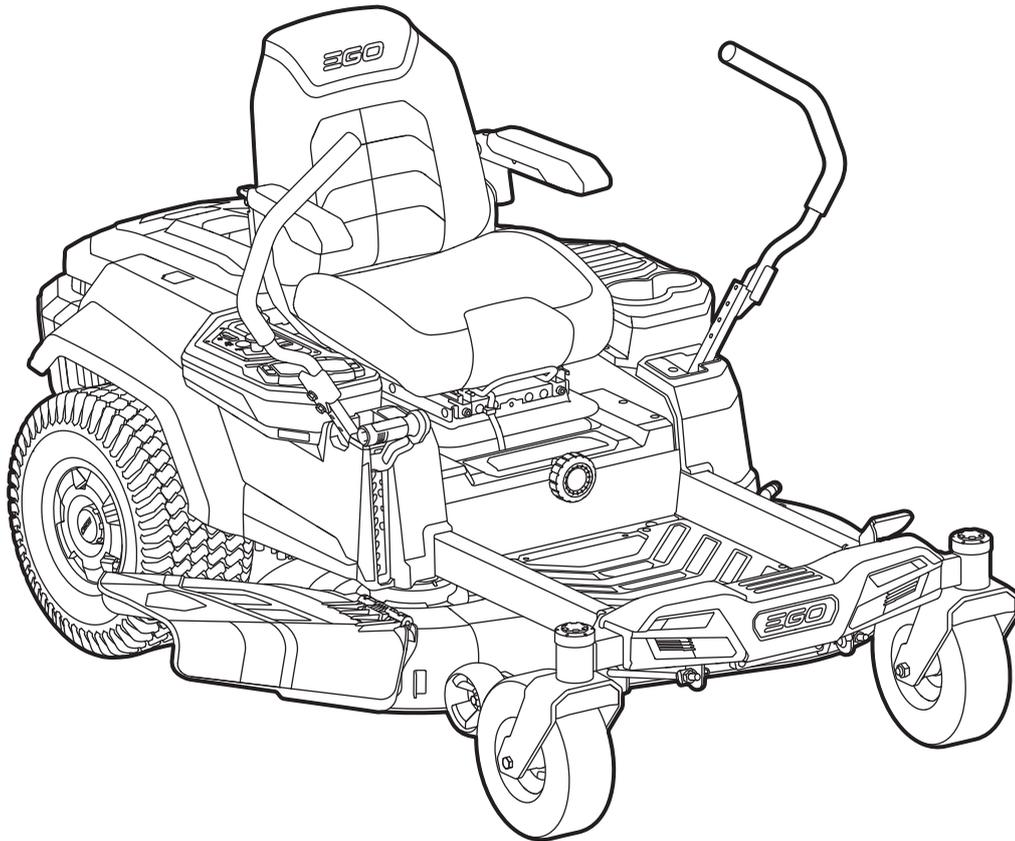


EGO™

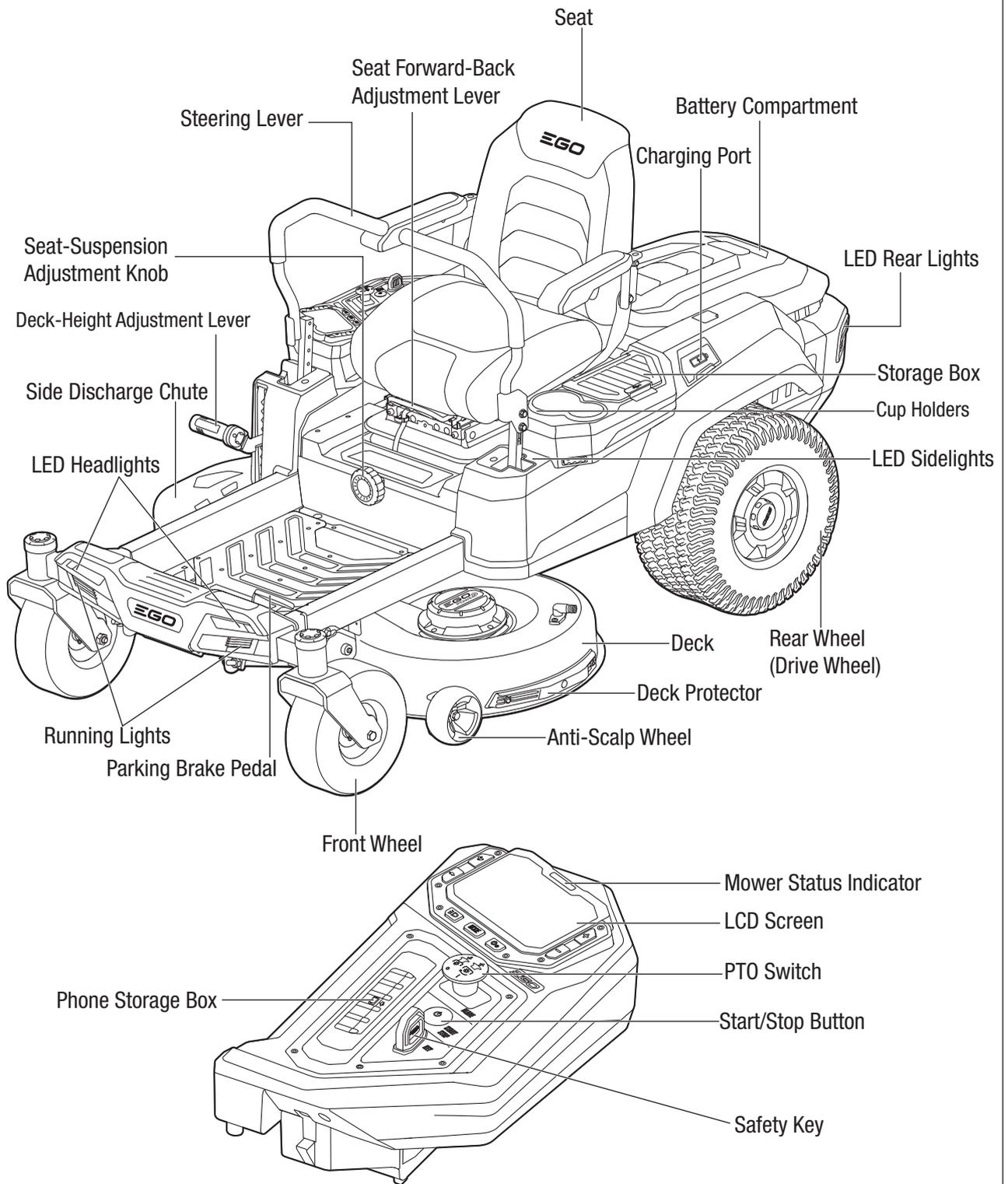
POWER⁺ Z6 ZTR
RIDING MOWER



OPERATOR'S MANUAL
**56 VOLT LITHIUM-ION
ZERO TURN RIDING MOWER**

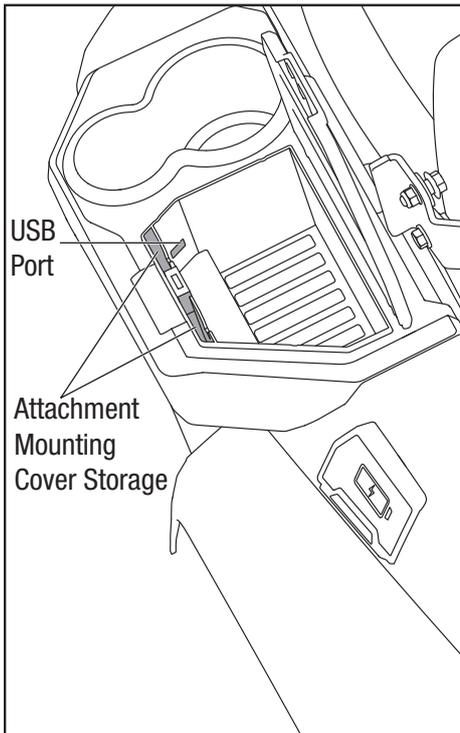
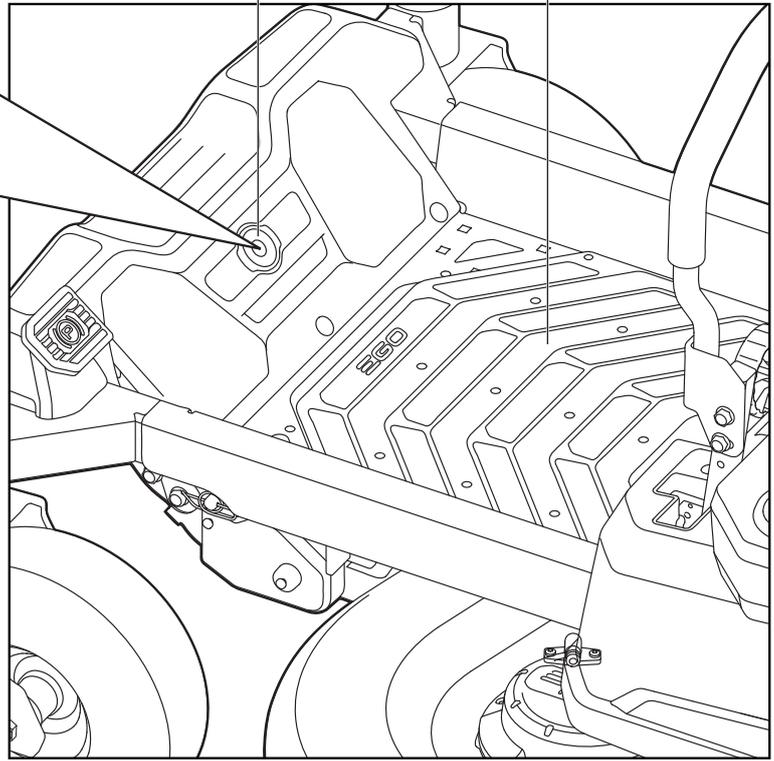
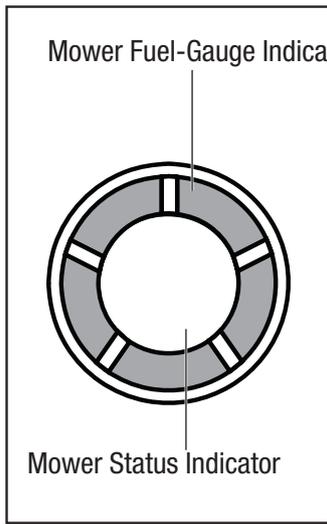
MODEL NUMBER ZT4200E-L

⚠ 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.

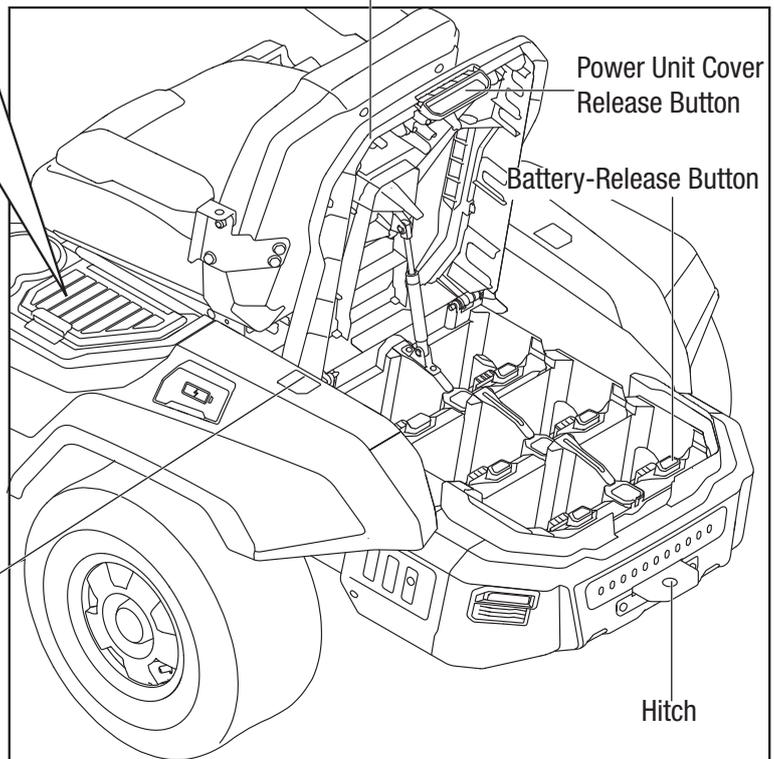


Mower Fuel-Gauge & Status Indicator

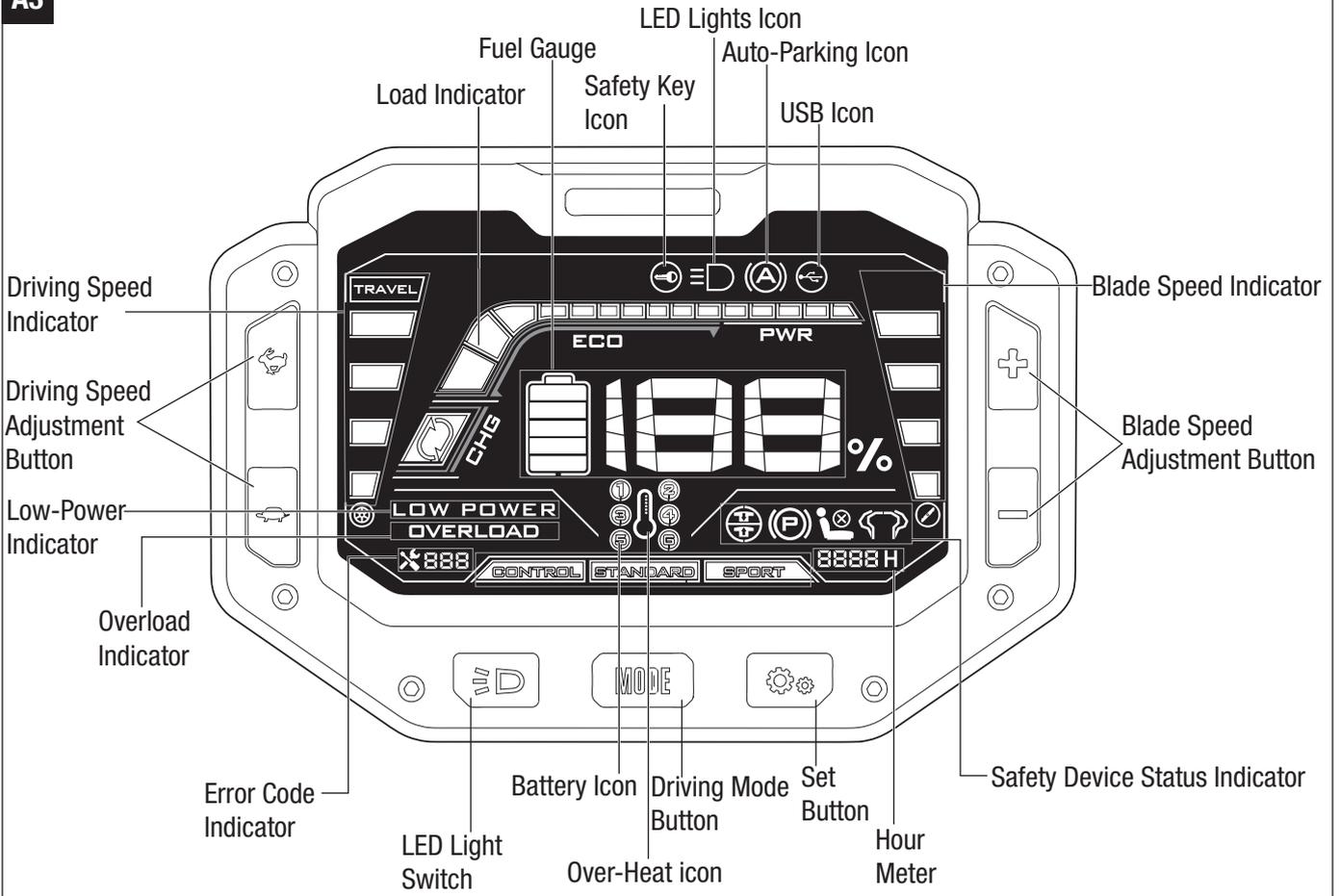
Foot-Rest Area



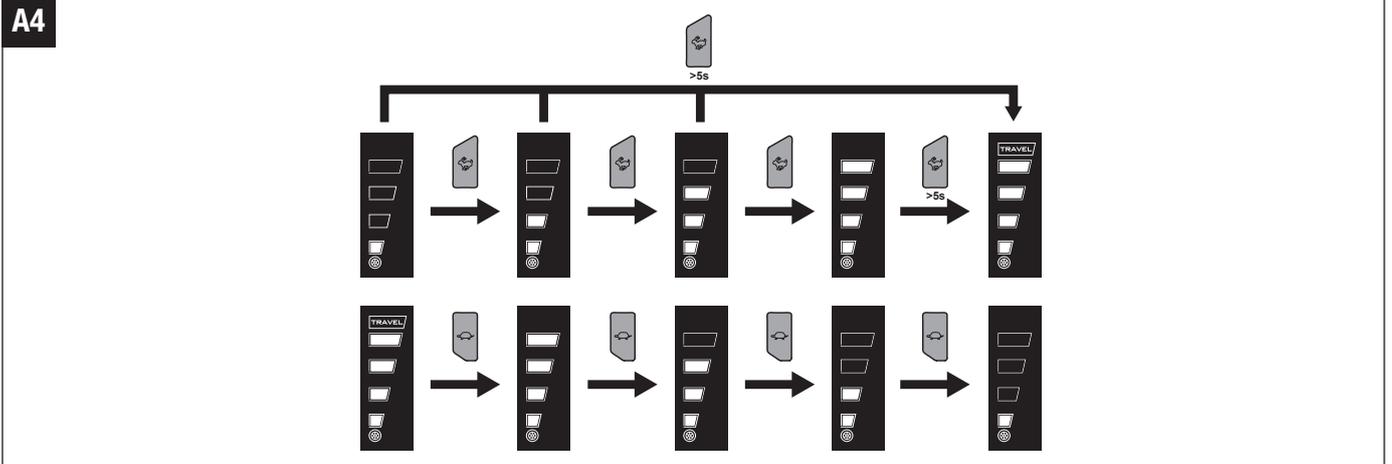
Power Unit Cover



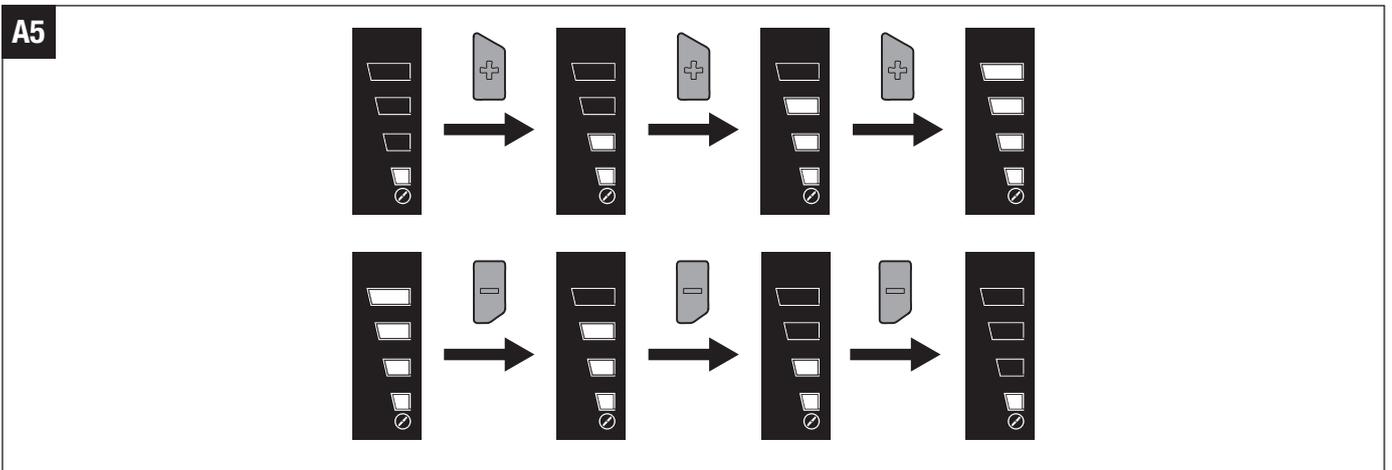
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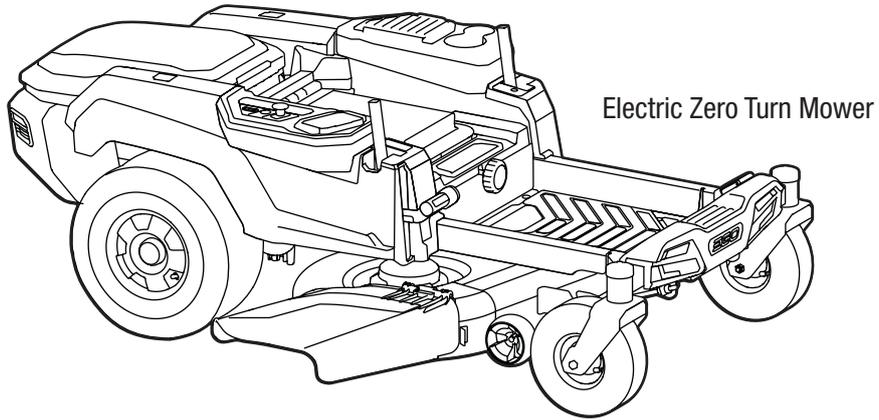


A4



A5

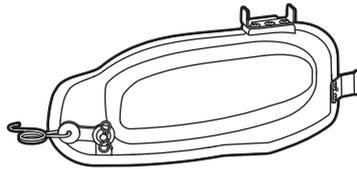




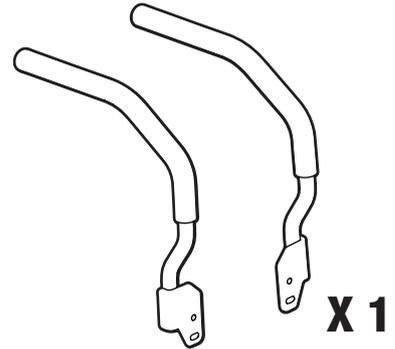
Seat



Mulching Plug



Steering Lever



Socket-Head Screws
(2 for backup)



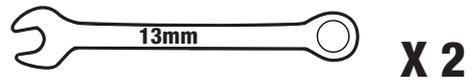
Hex Bolts
(2 for backup)



Safety Keys



Open-End Wrenches (13mm)



Alley Key



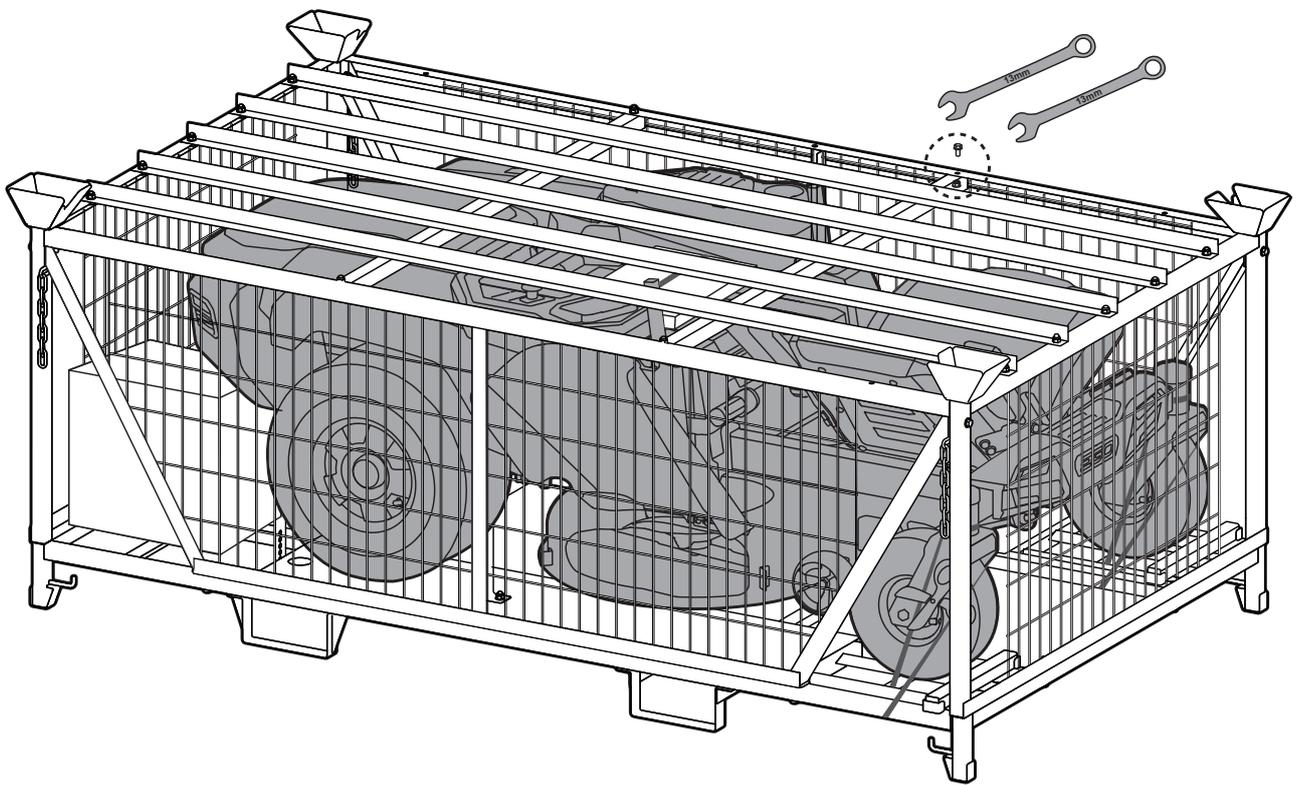
Wash-Port Quick Coupler



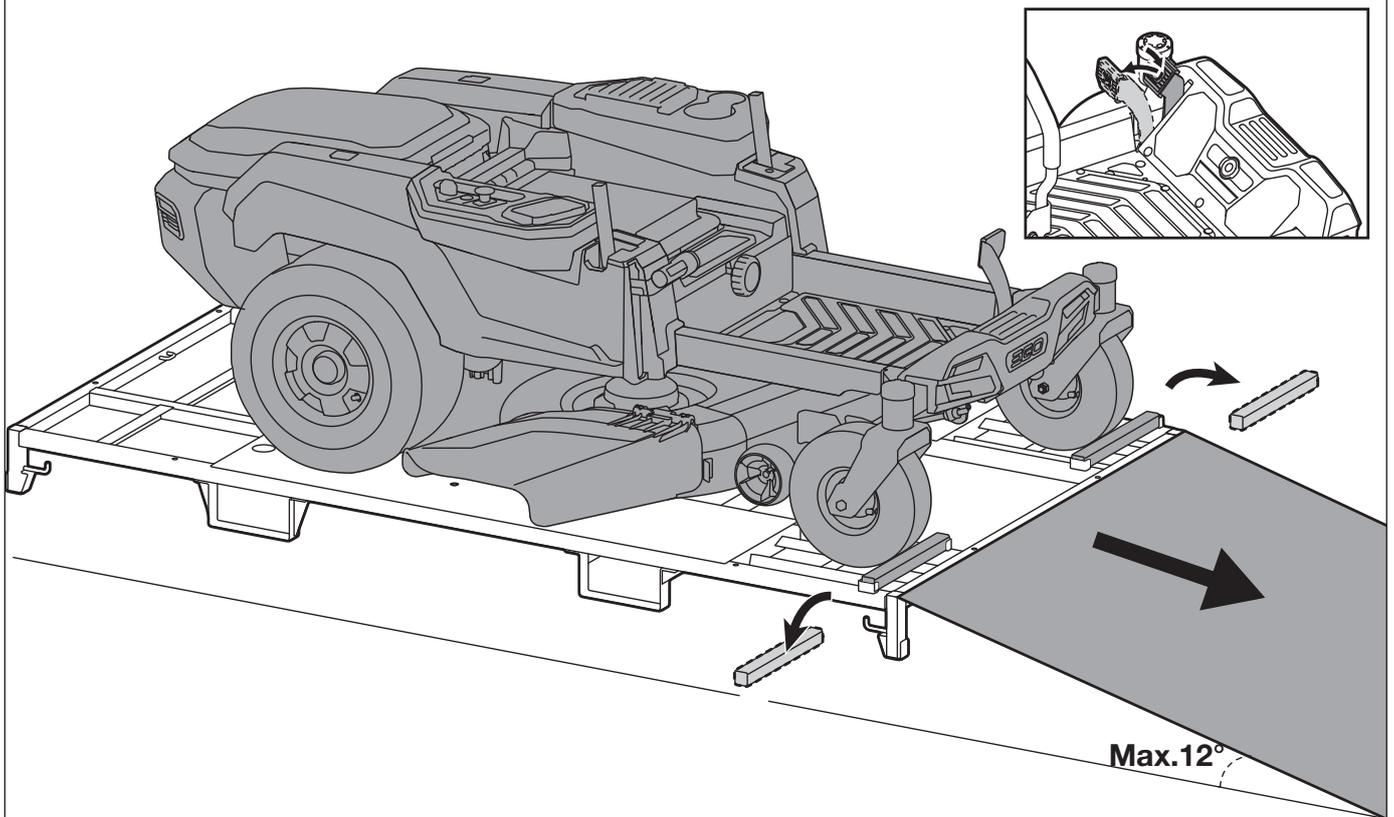
Operator's Manual

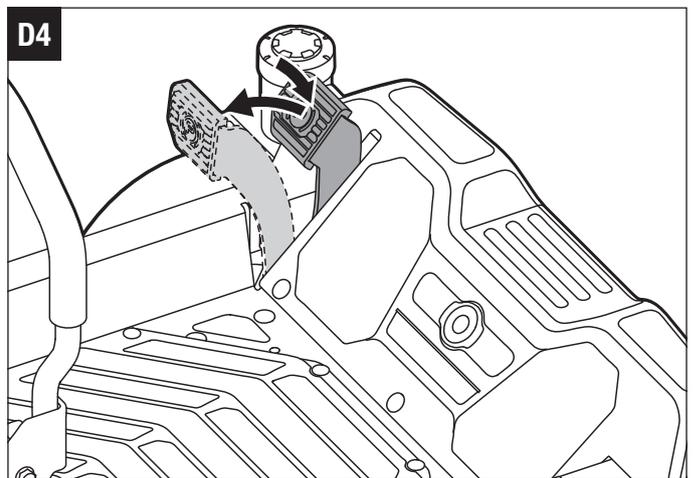
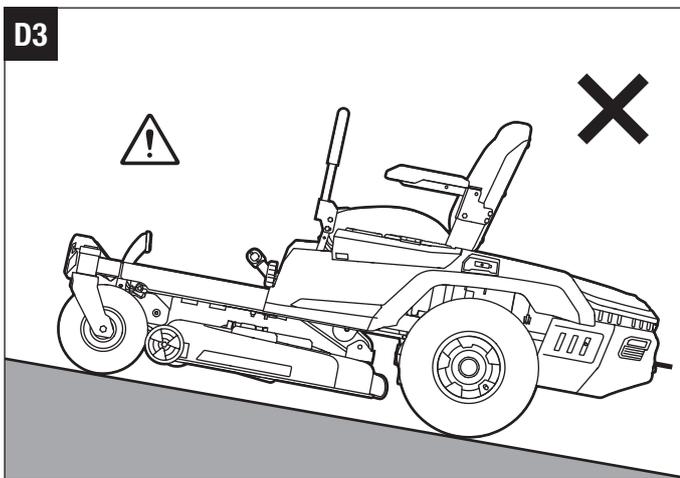
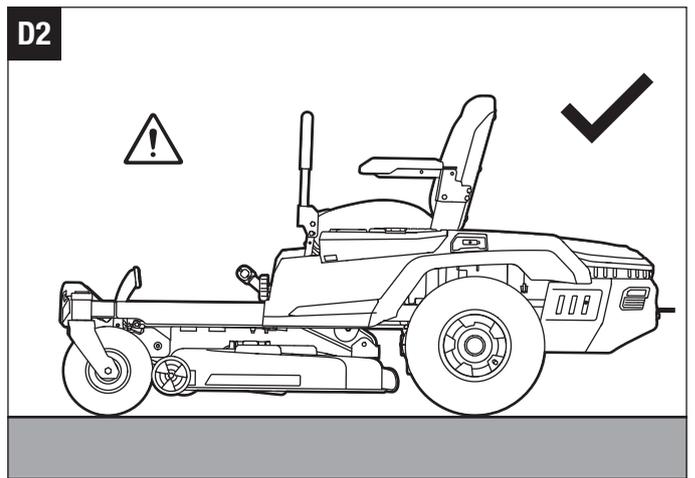
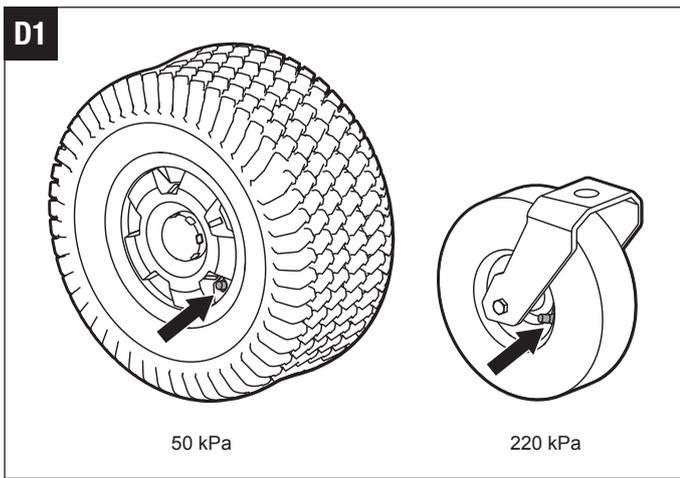
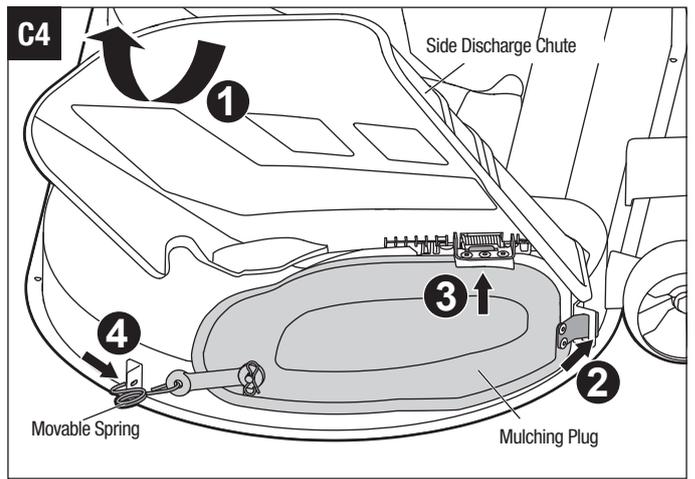
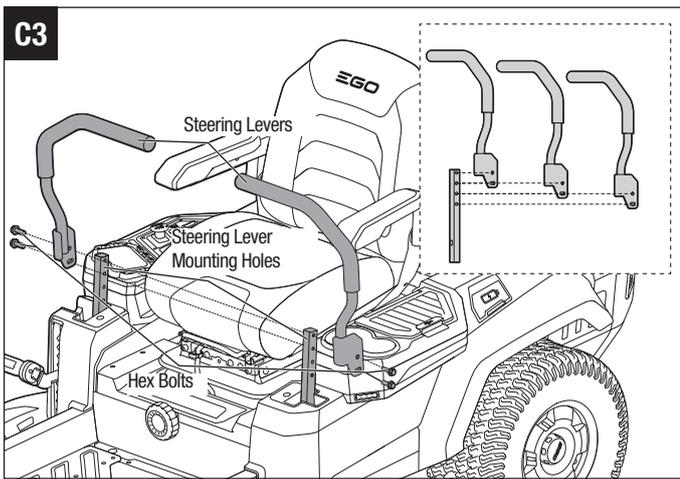
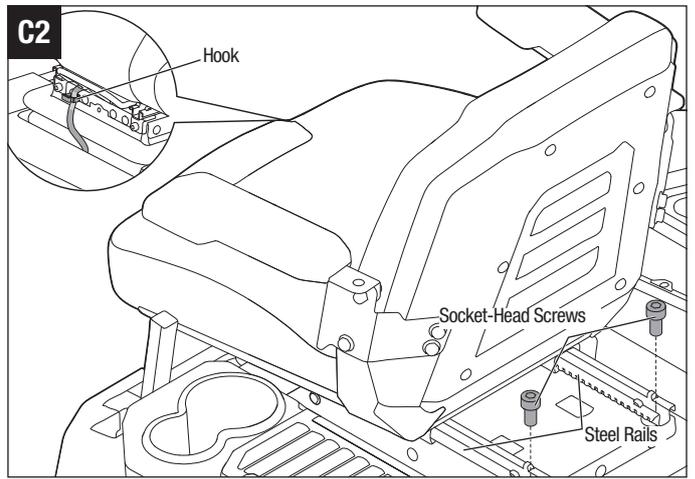
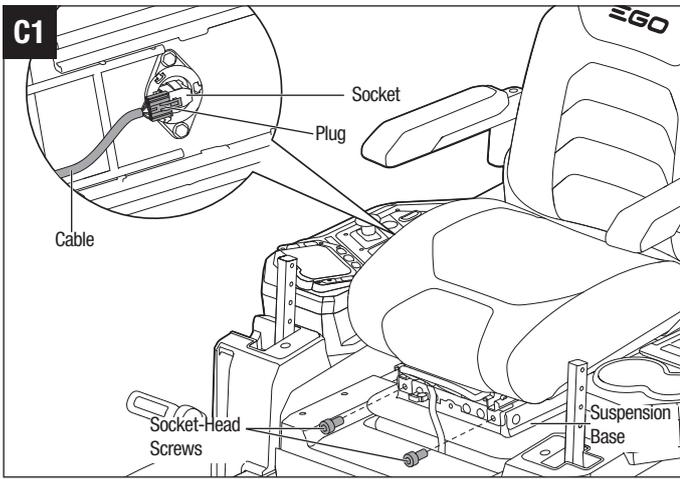


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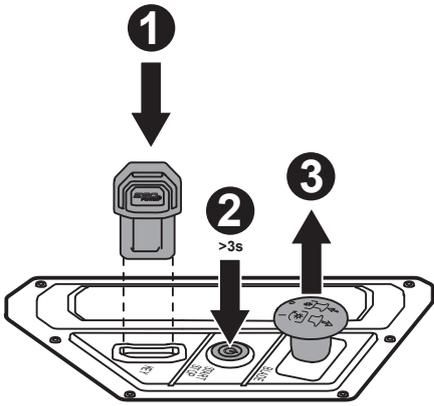


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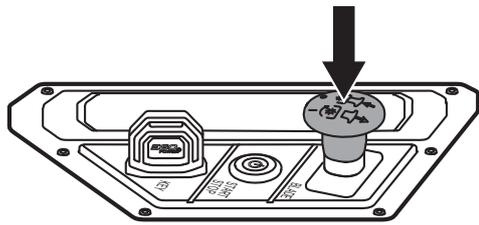




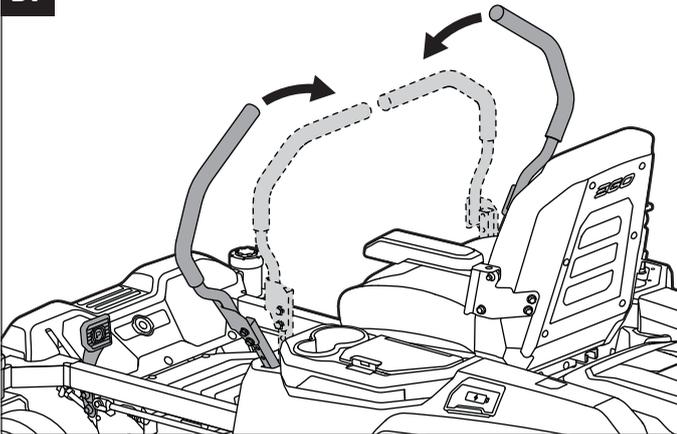
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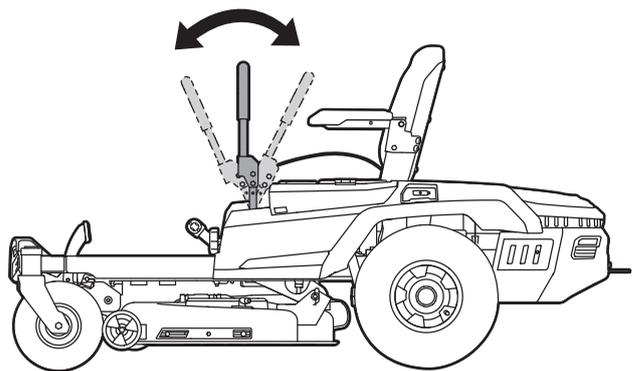
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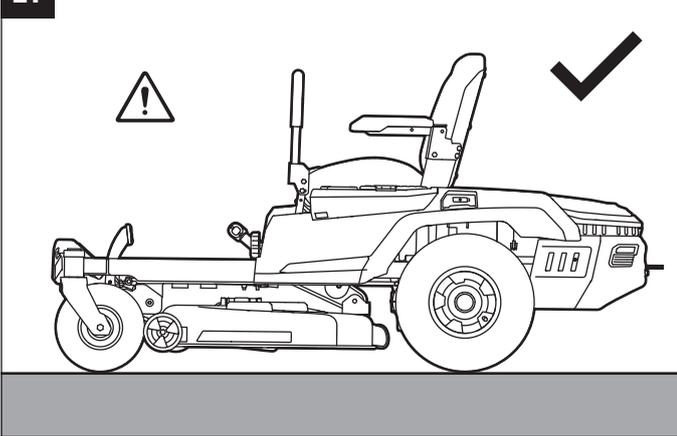
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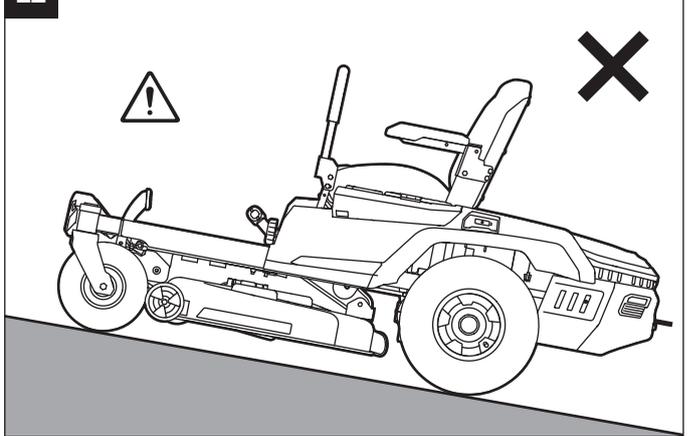
D8



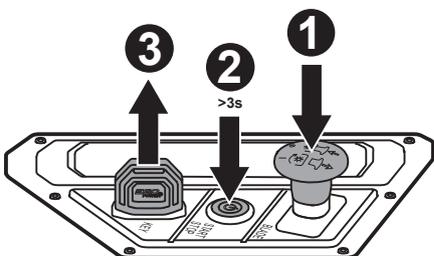
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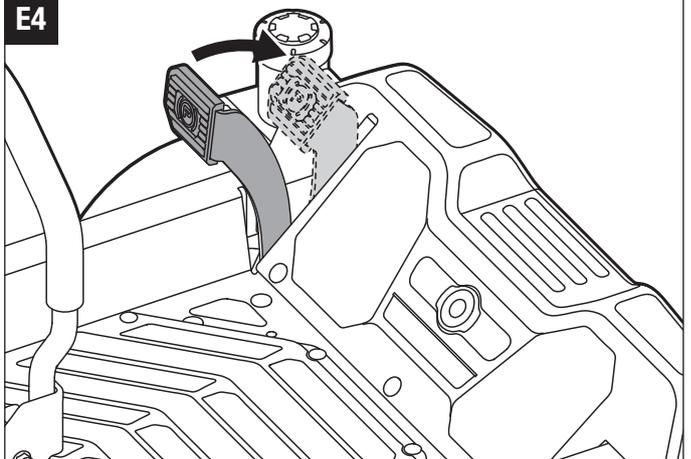
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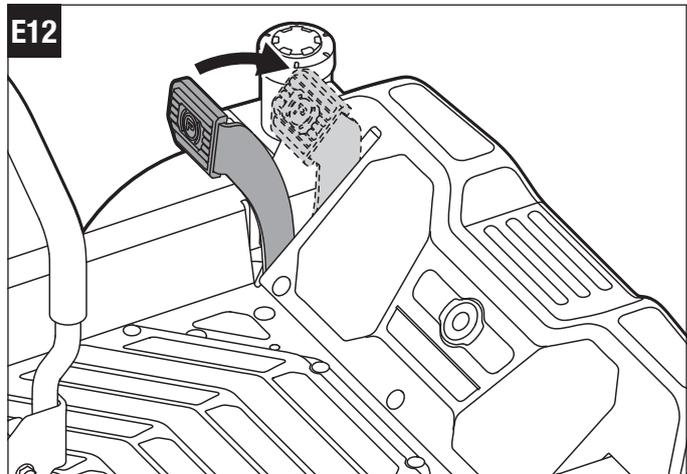
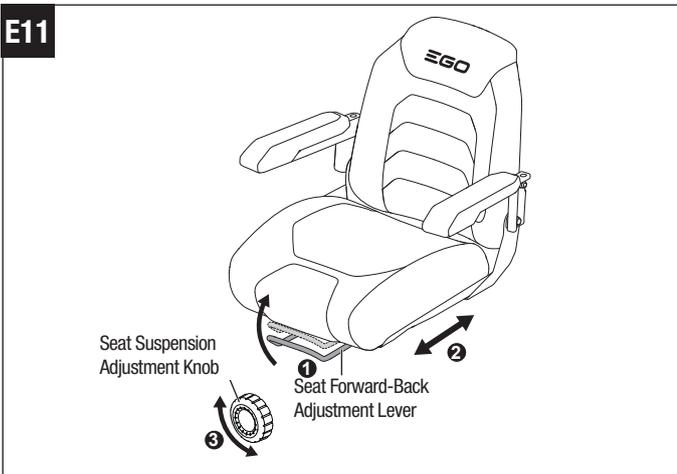
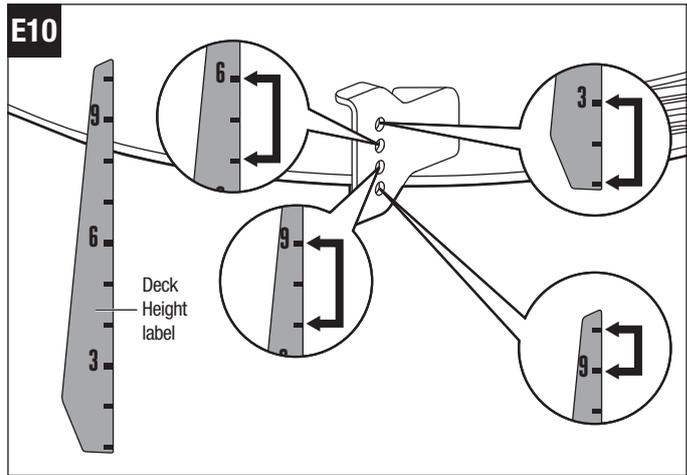
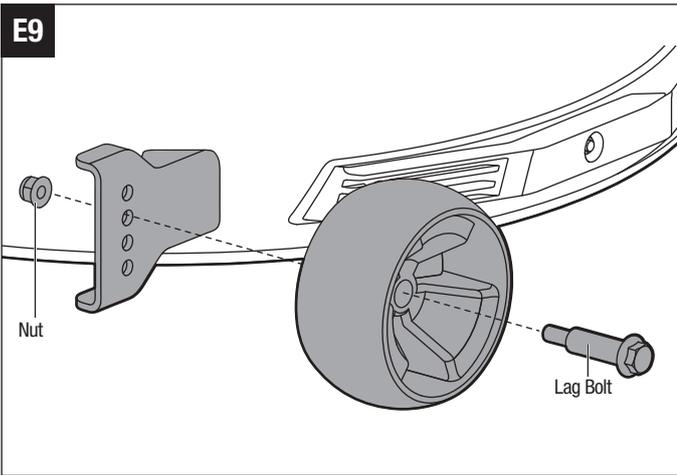
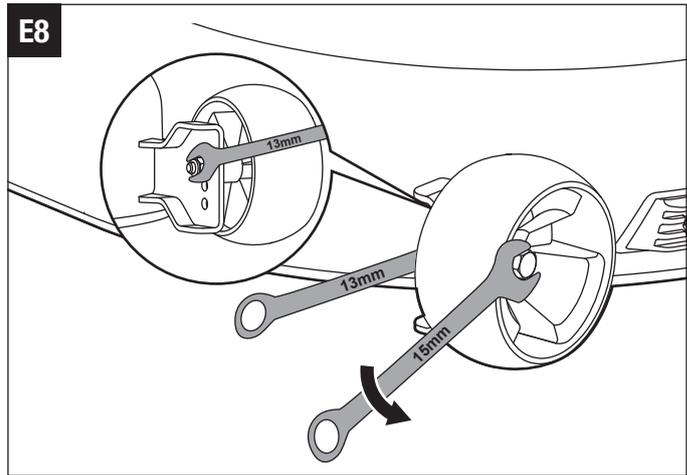
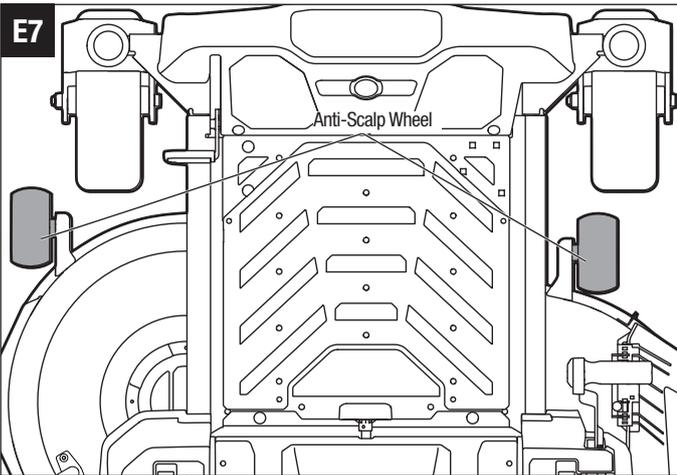
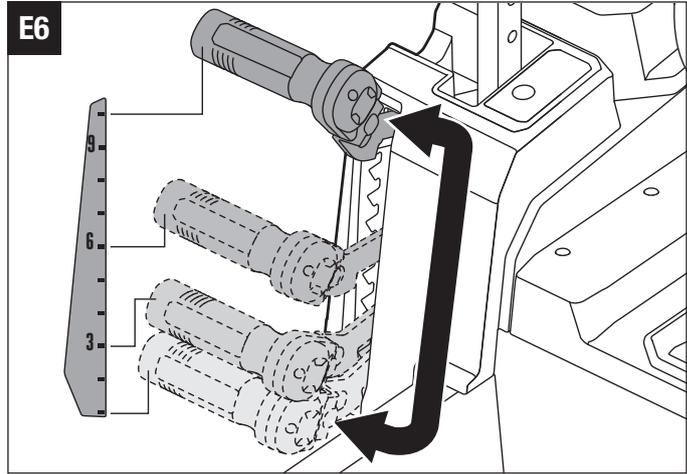
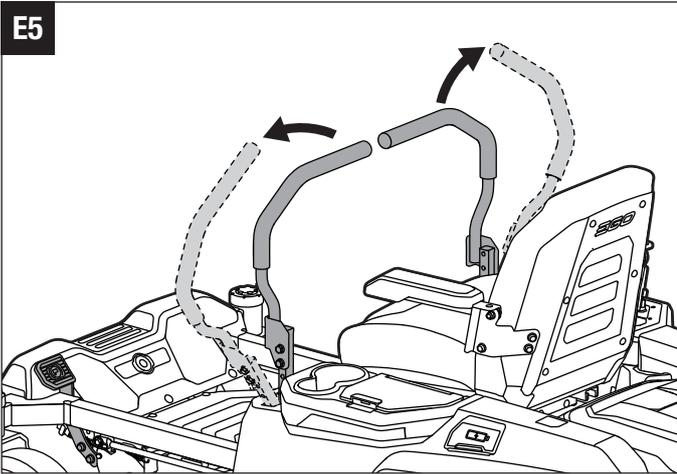


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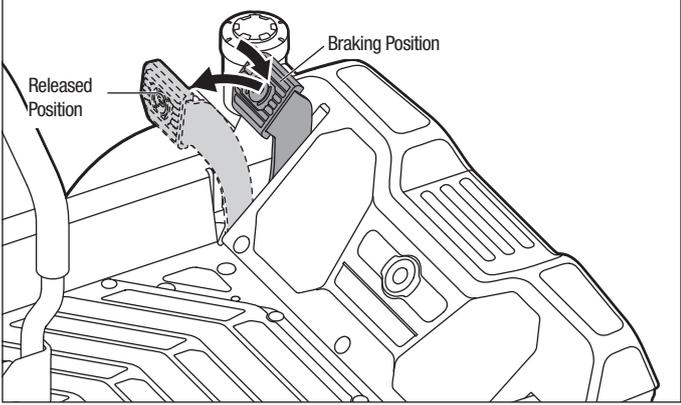


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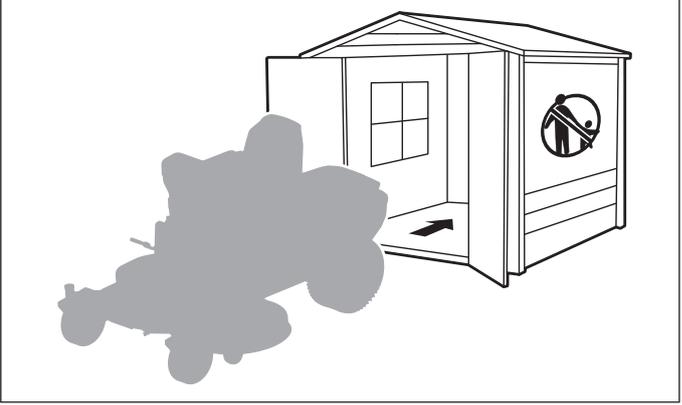




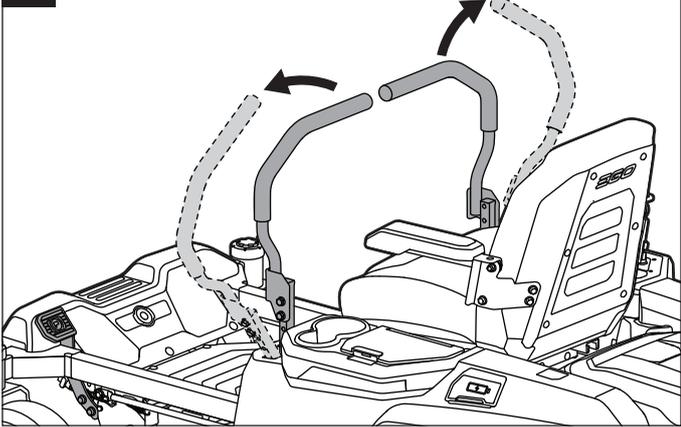
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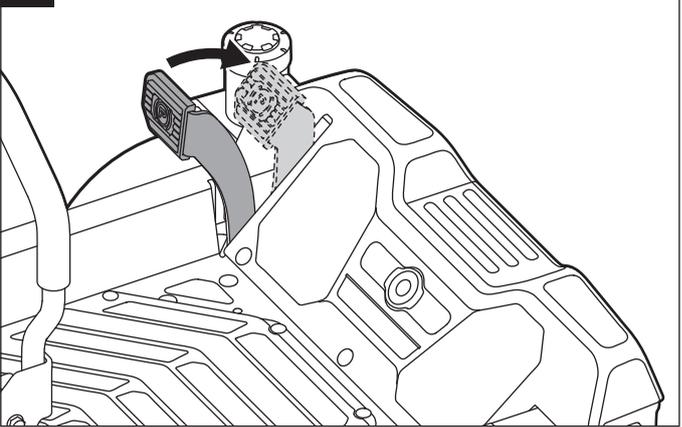
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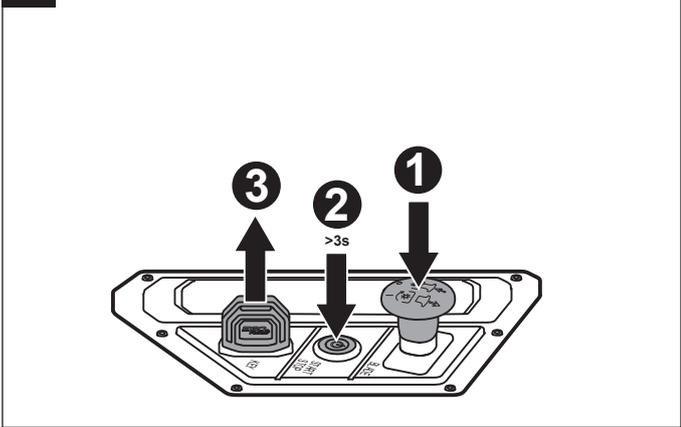
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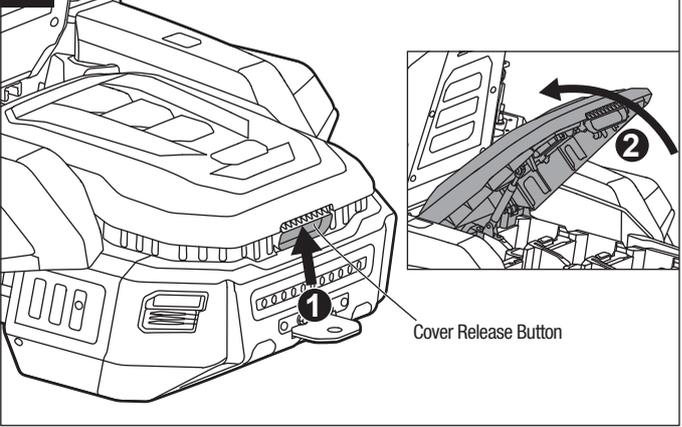
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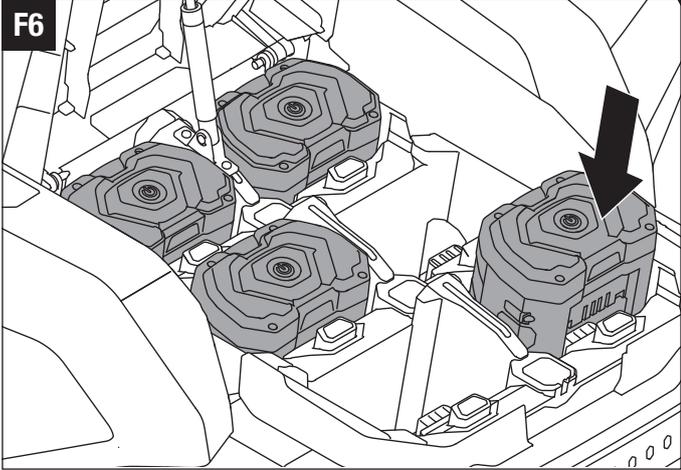
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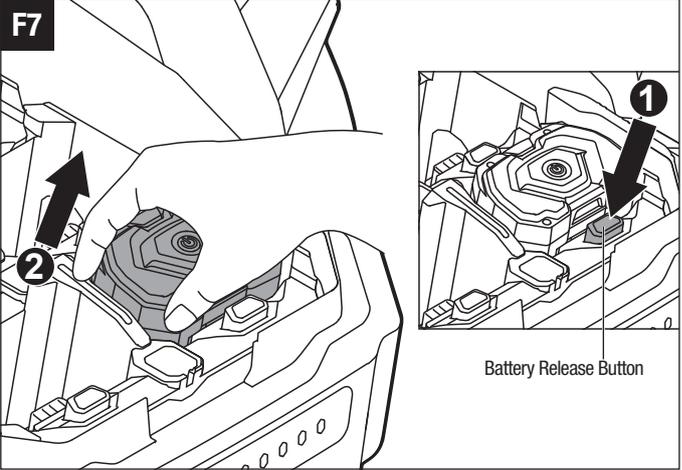
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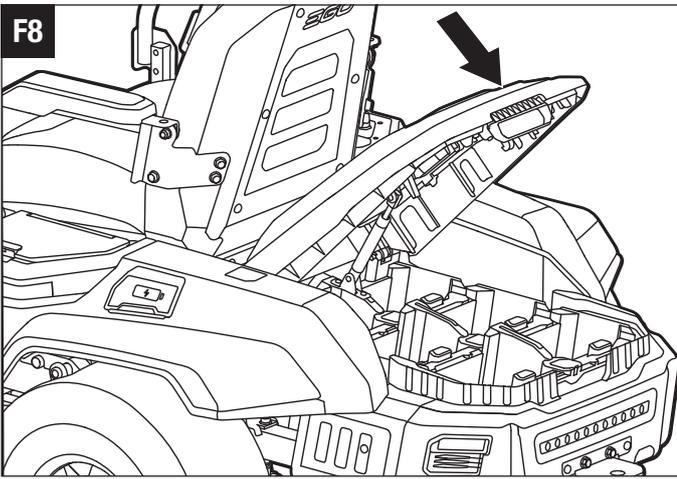
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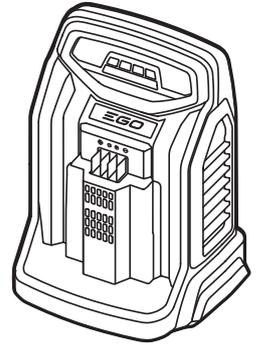
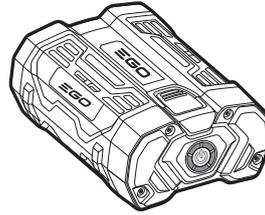
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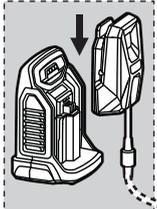
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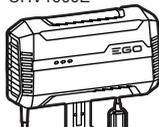


F10

CHV1600E



CH5500E+ACA1000



Charging Port



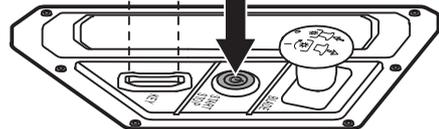
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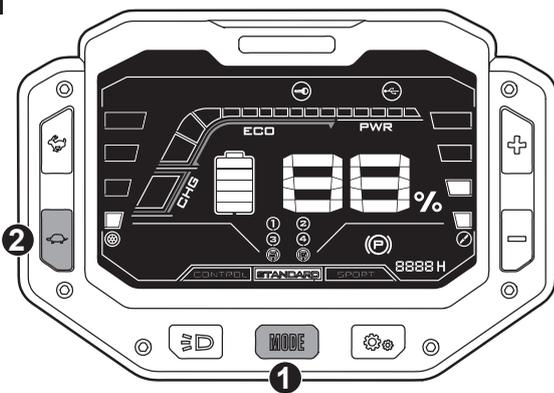


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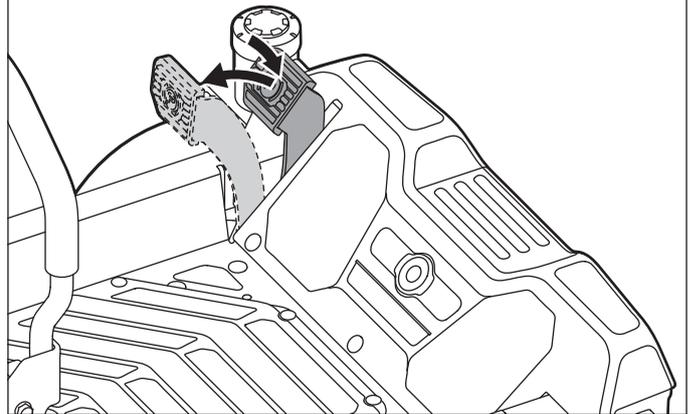
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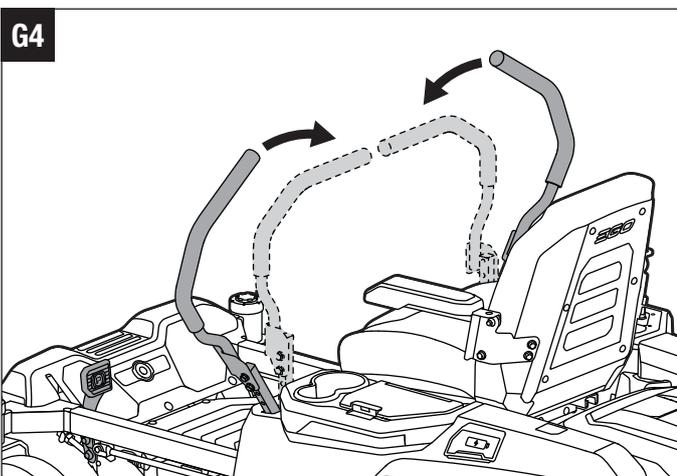
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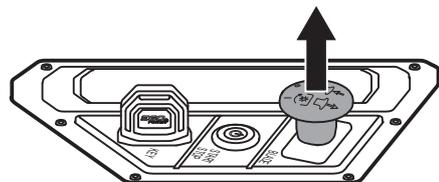
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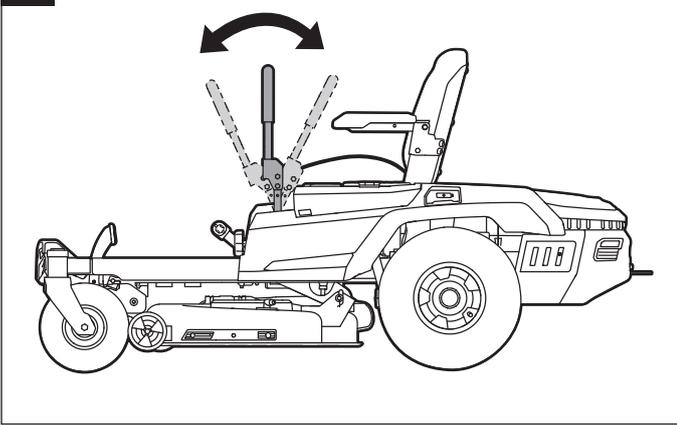
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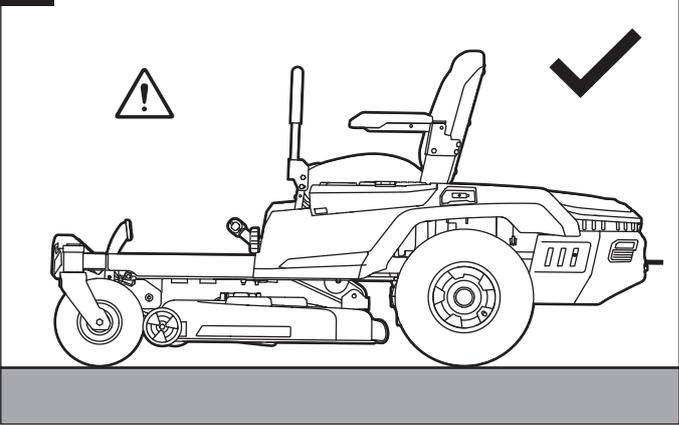
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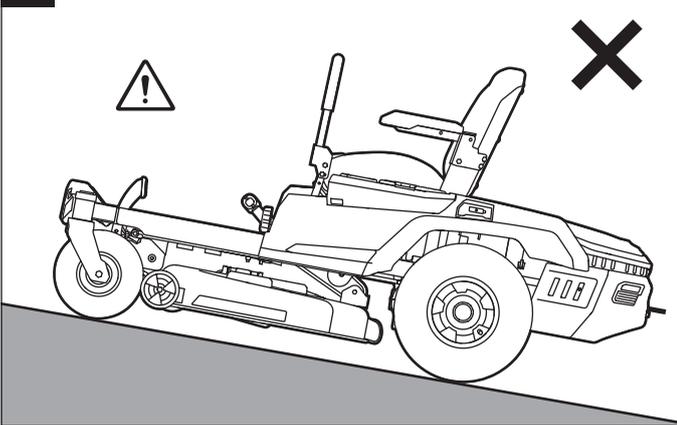
G6



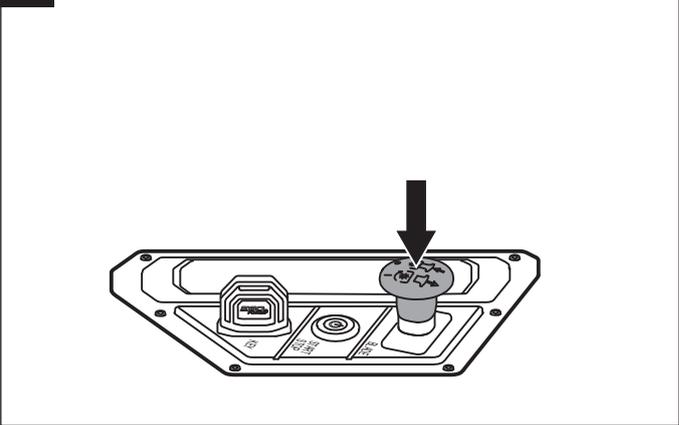
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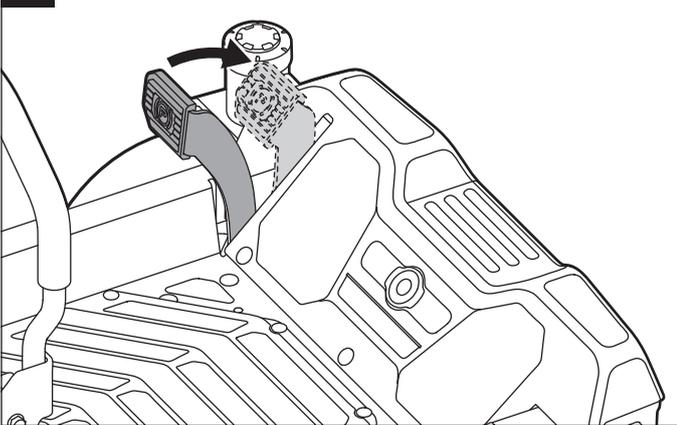
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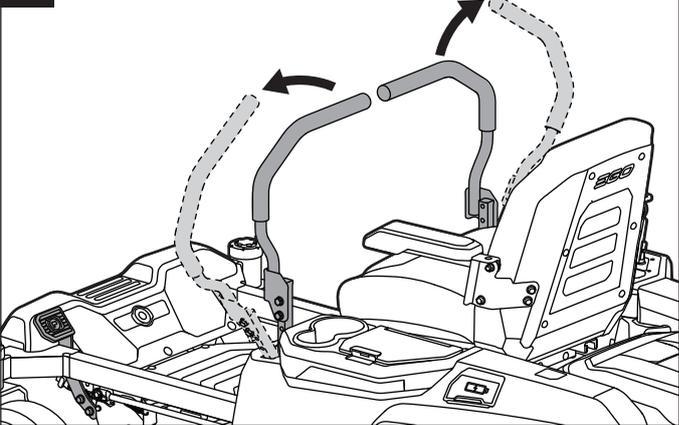
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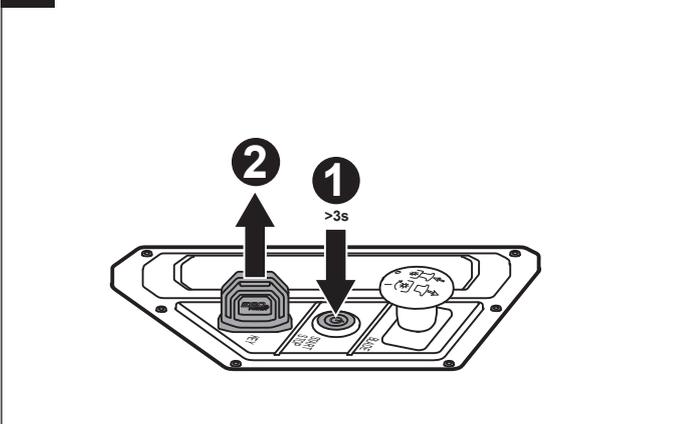
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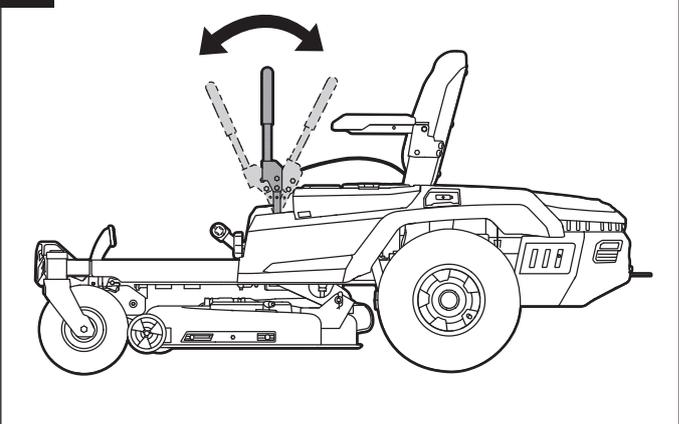
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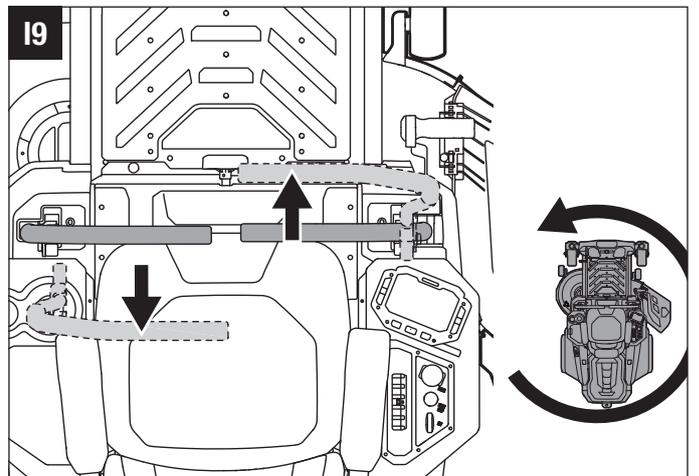
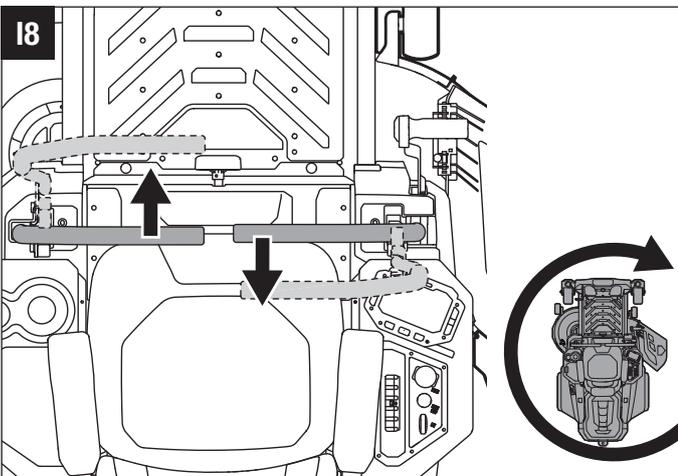
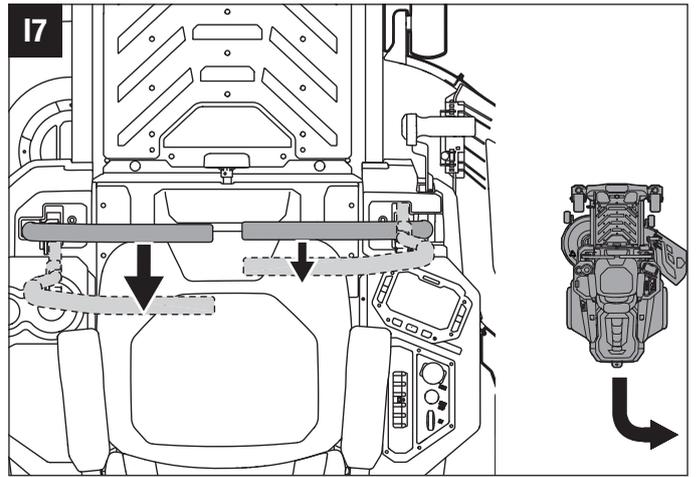
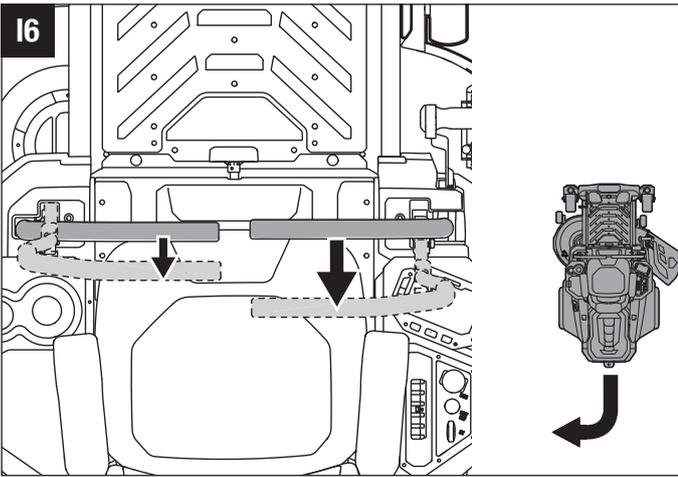
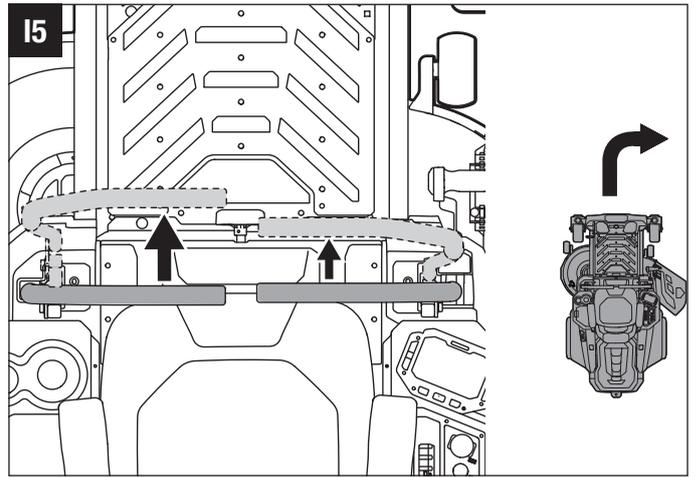
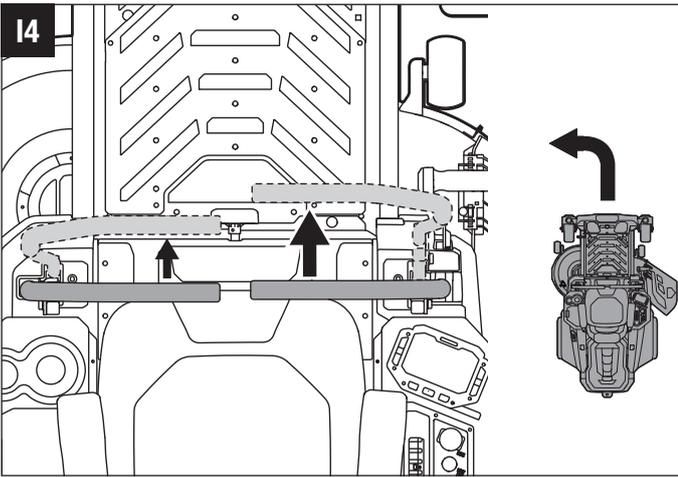
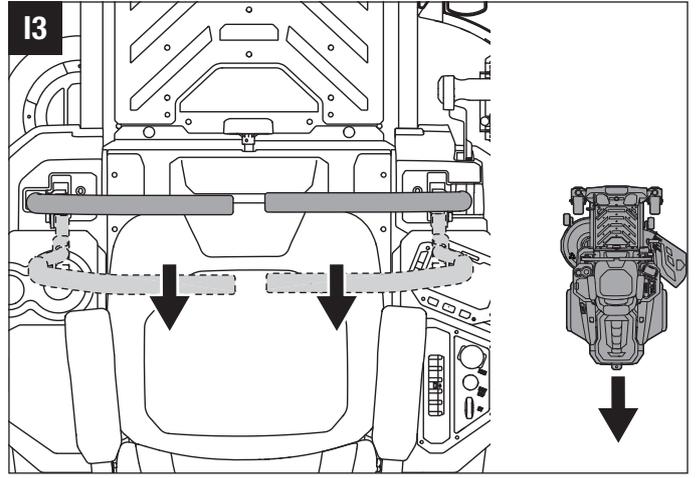
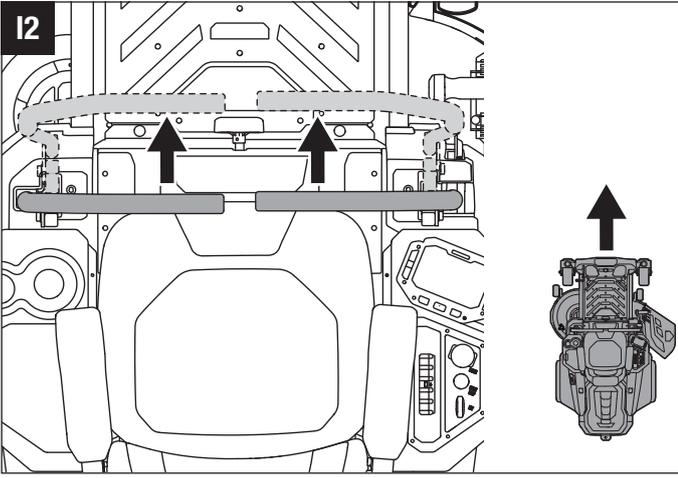


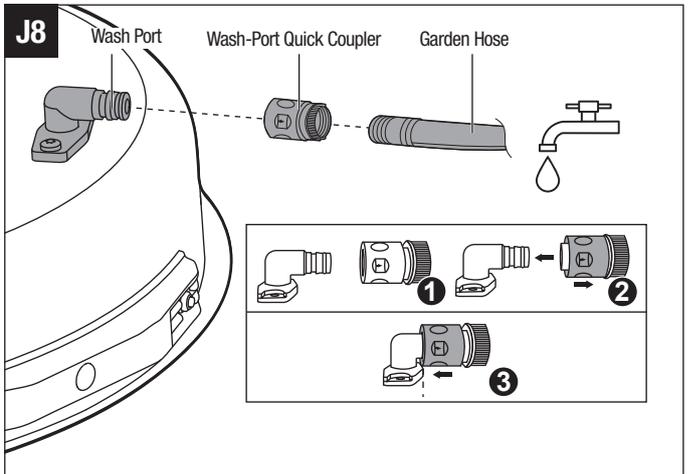
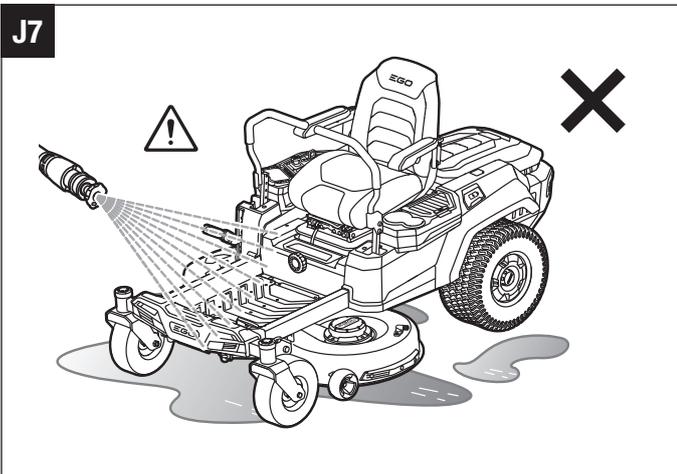
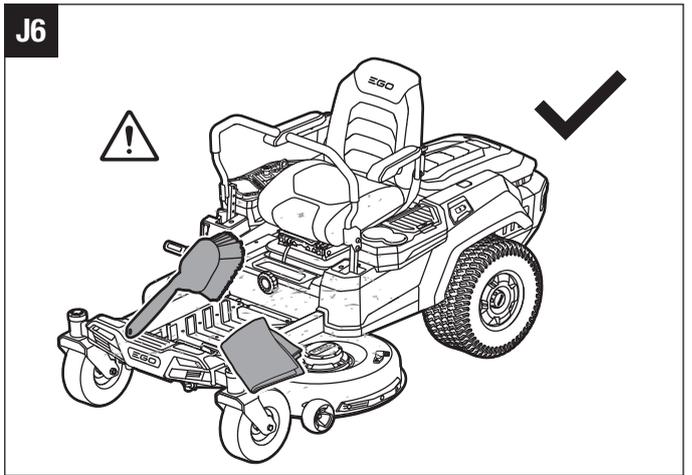
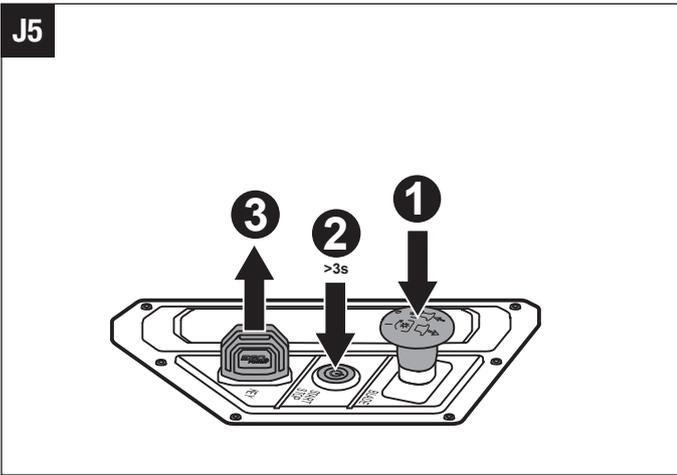
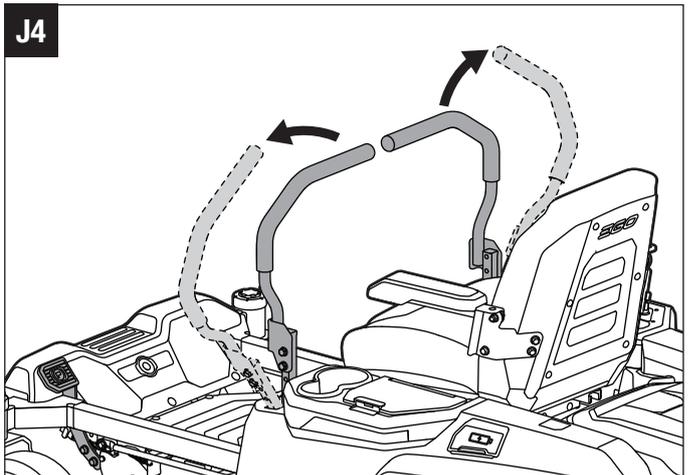
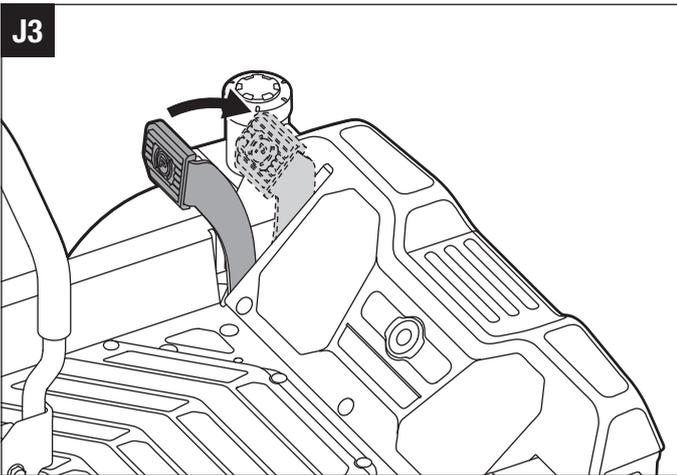
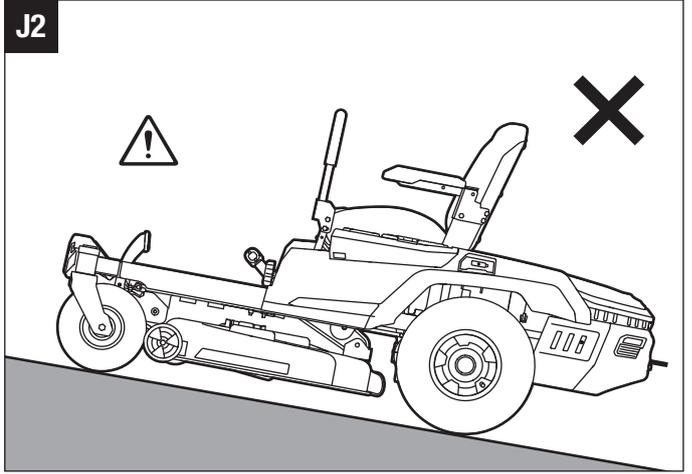
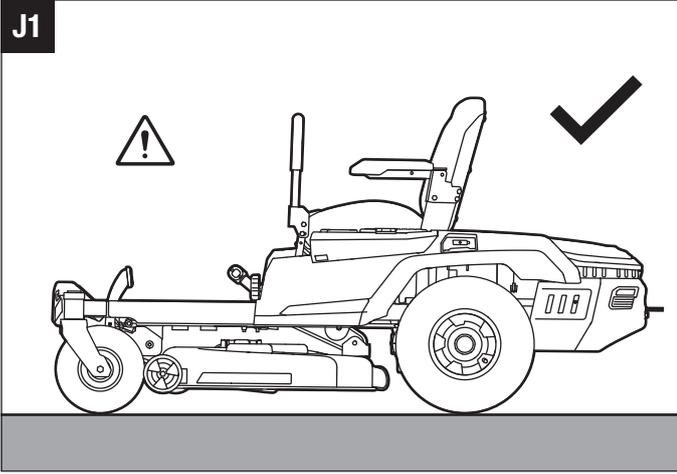
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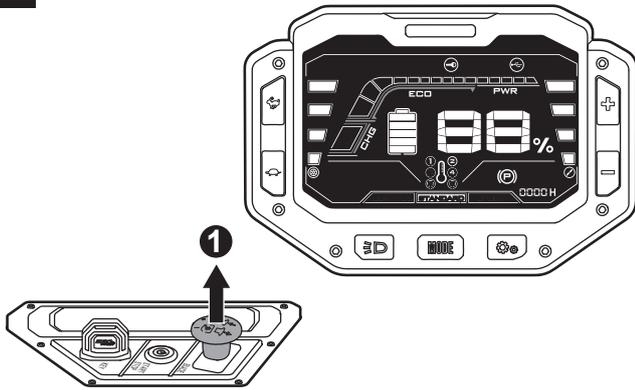
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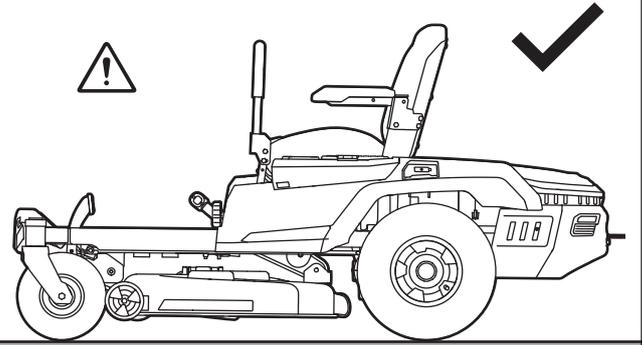




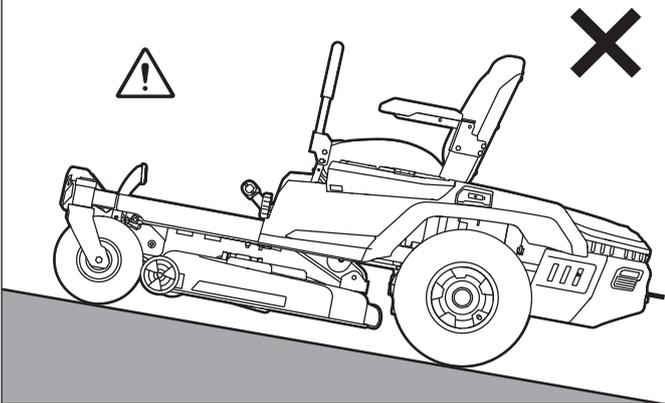
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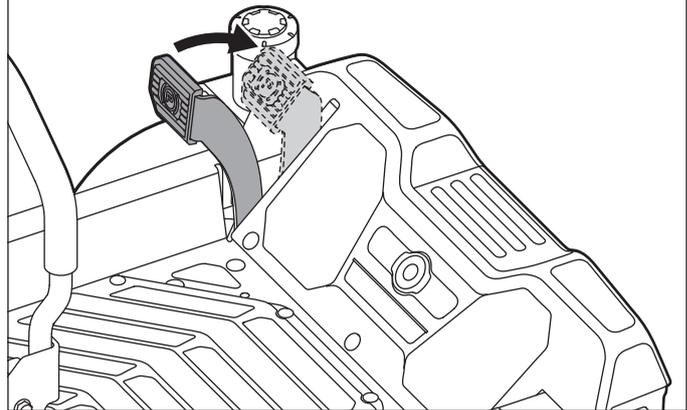
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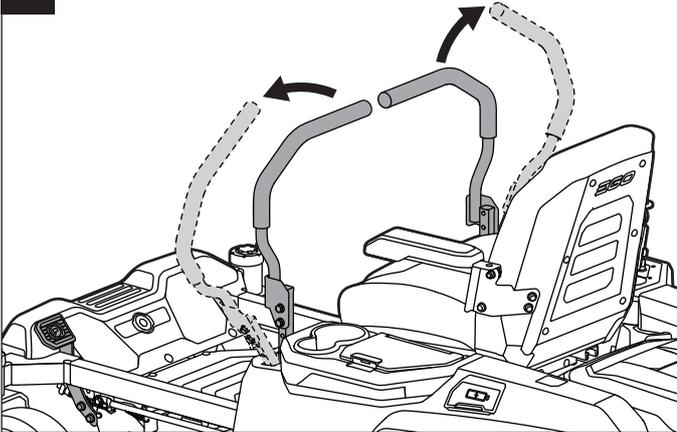
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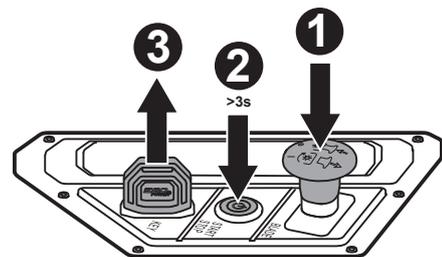
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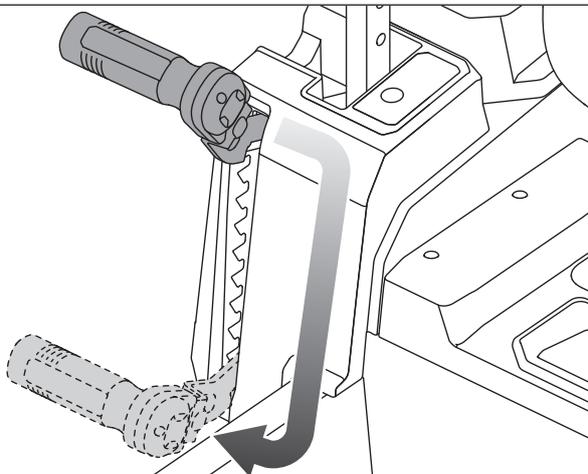
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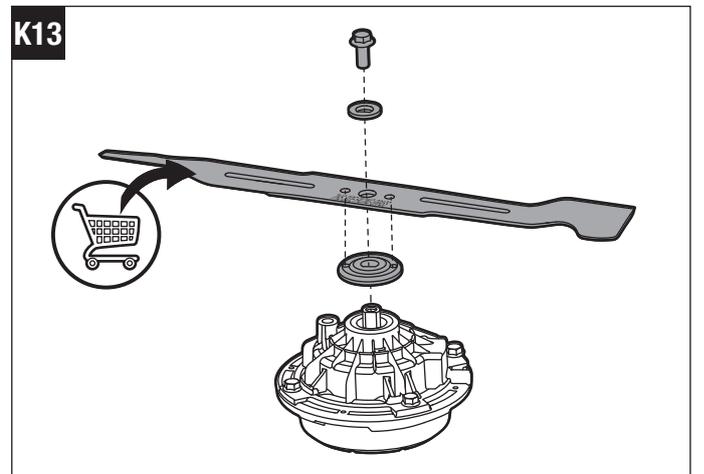
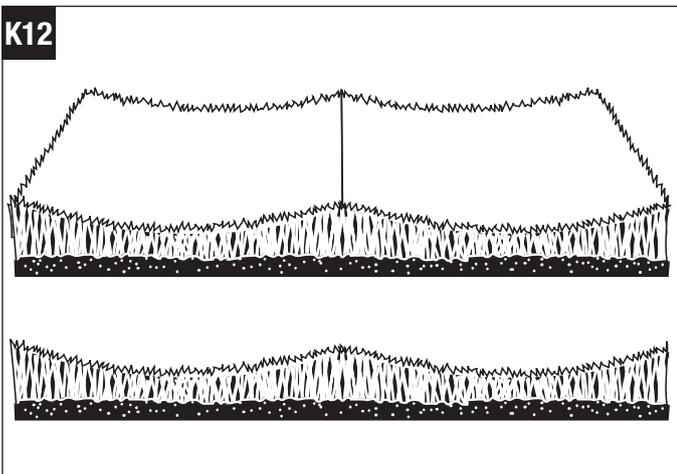
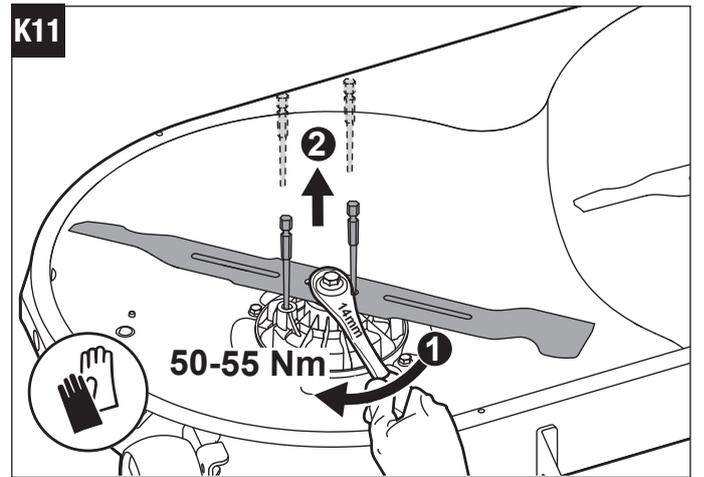
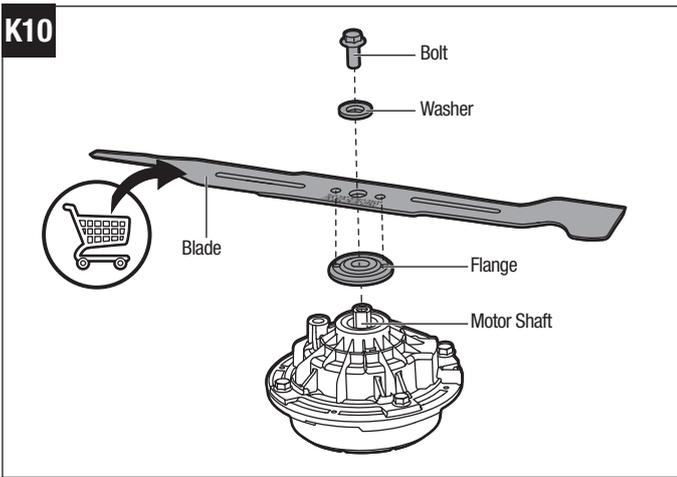
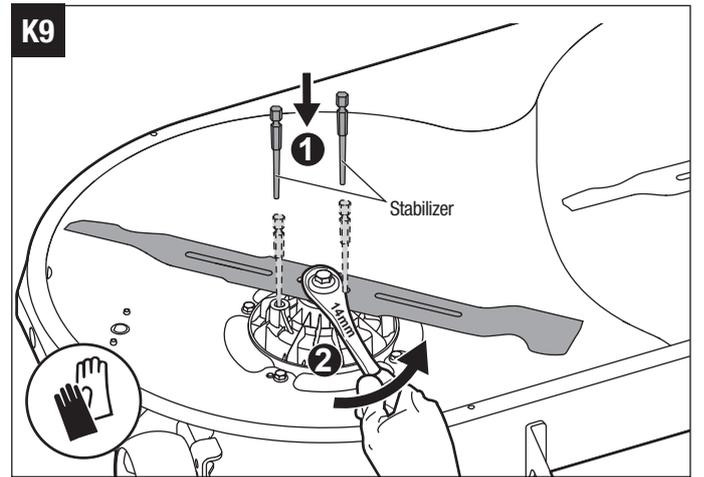
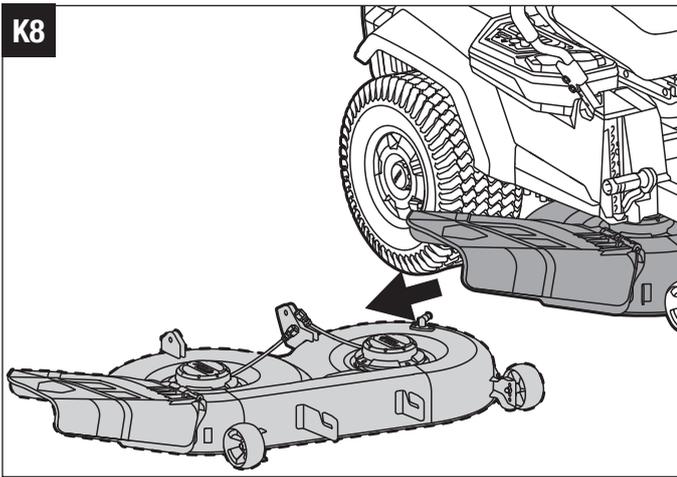
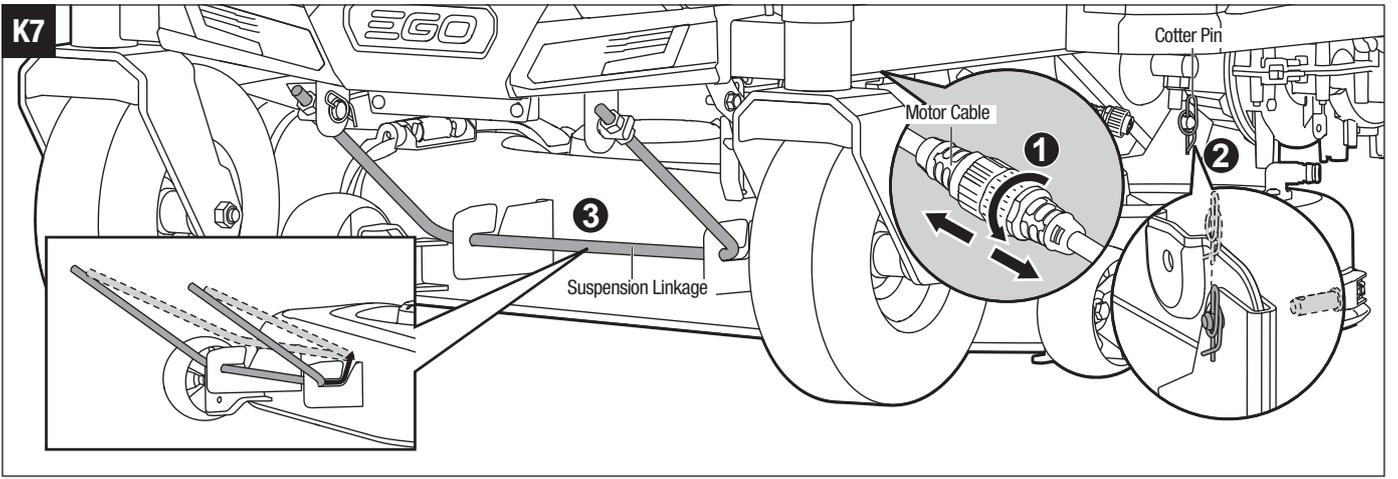


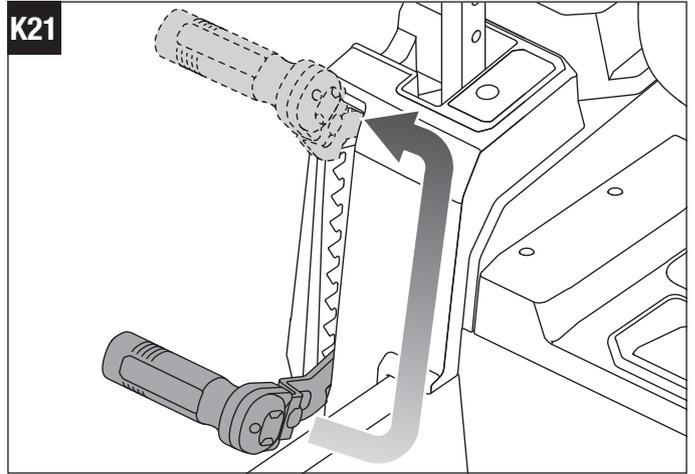
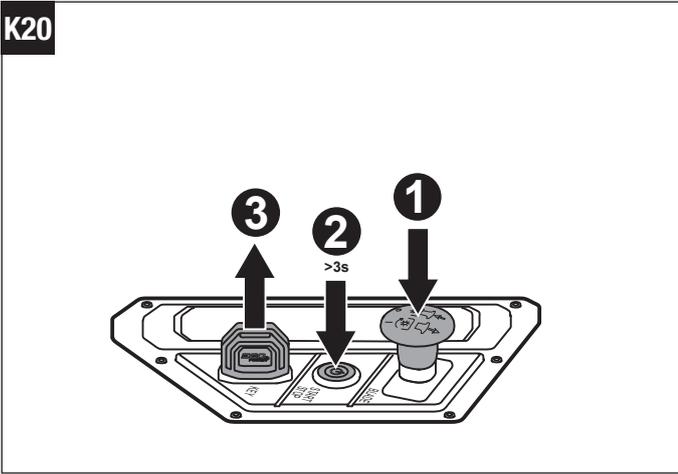
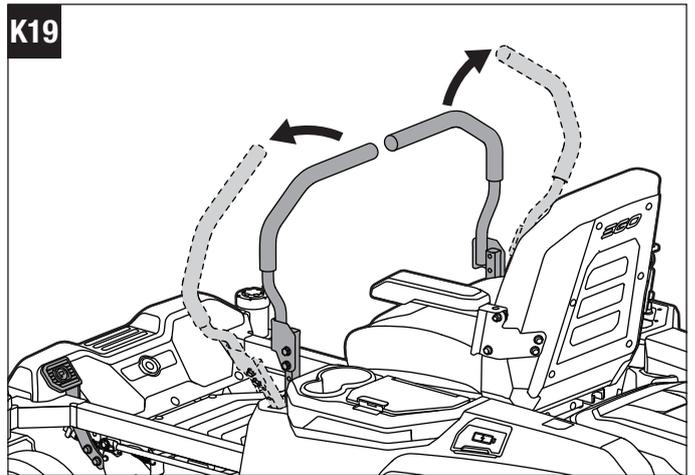
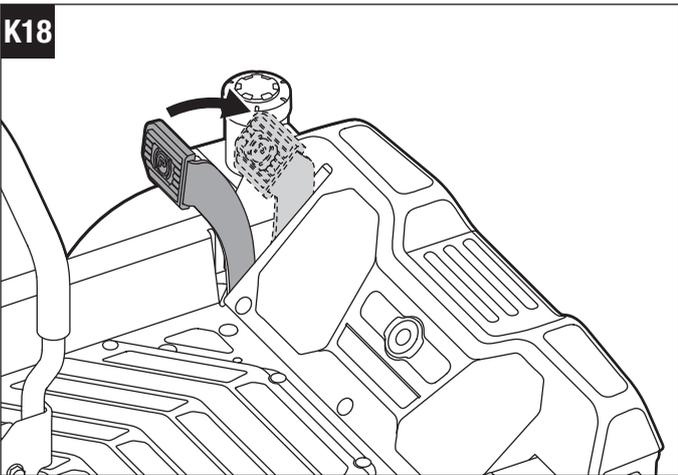
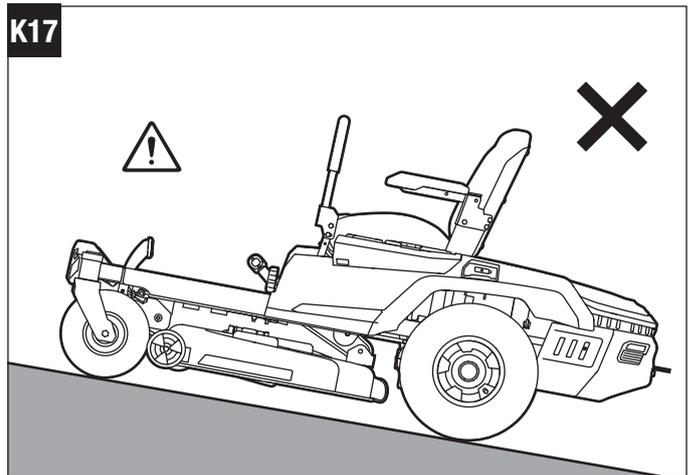
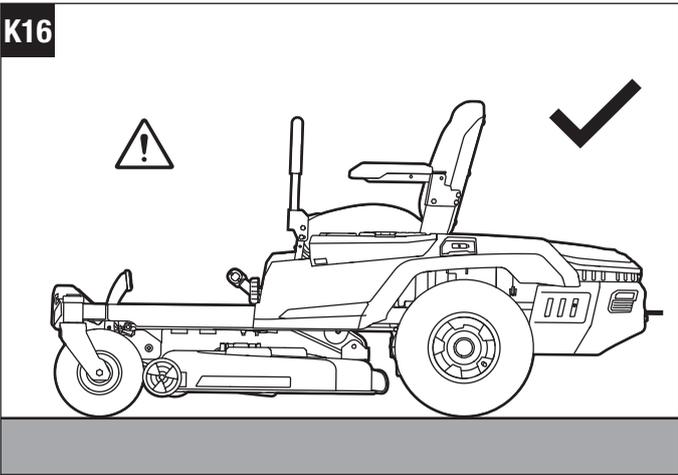
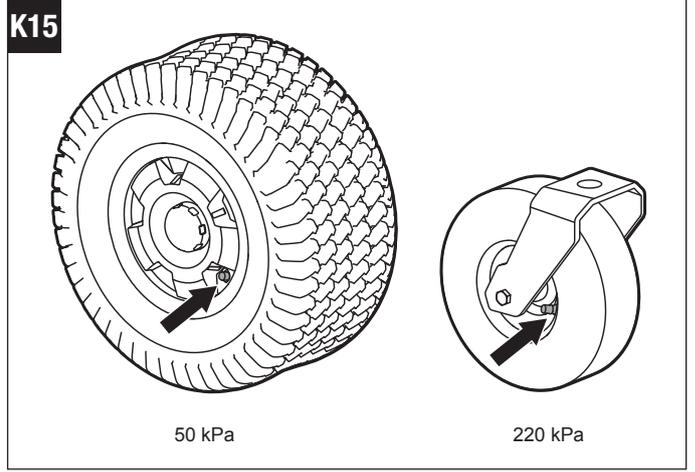
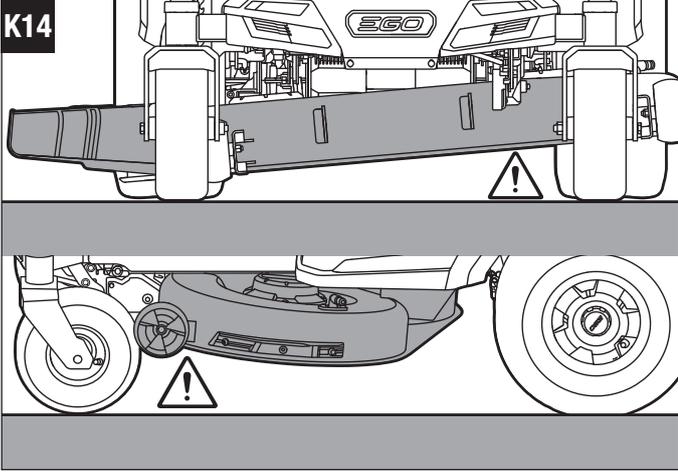
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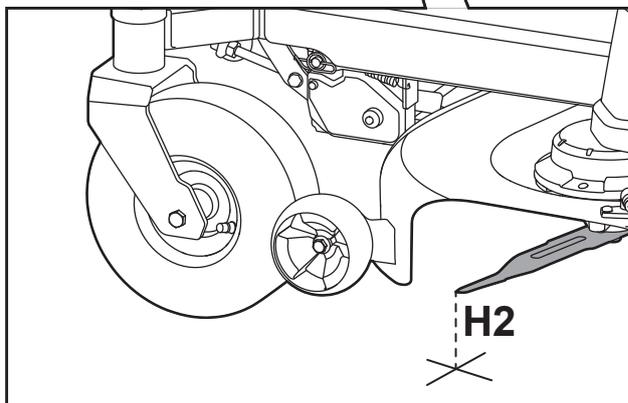
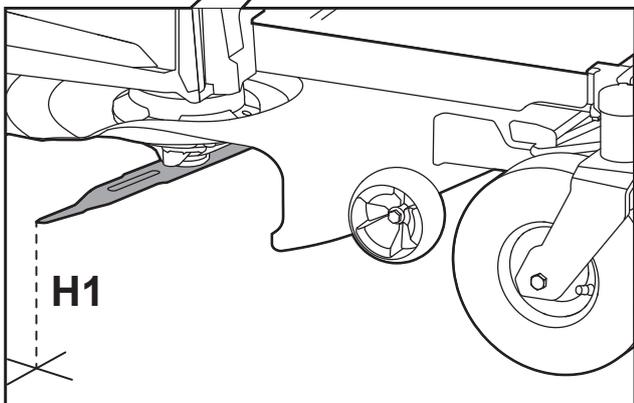
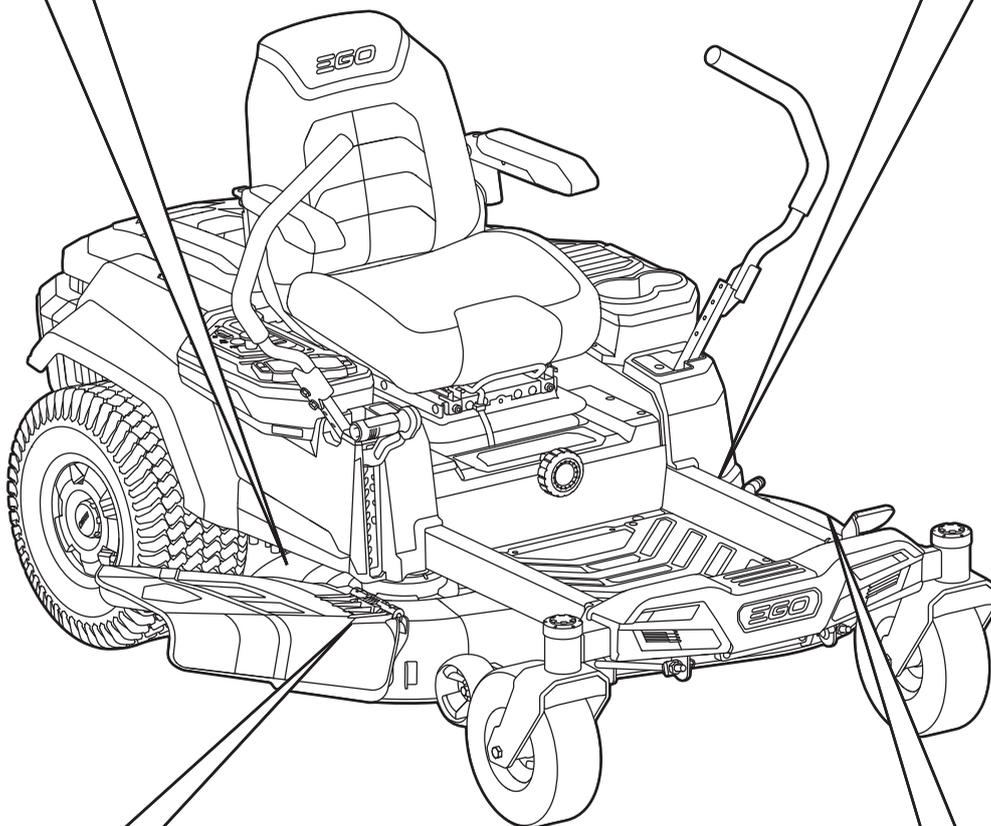
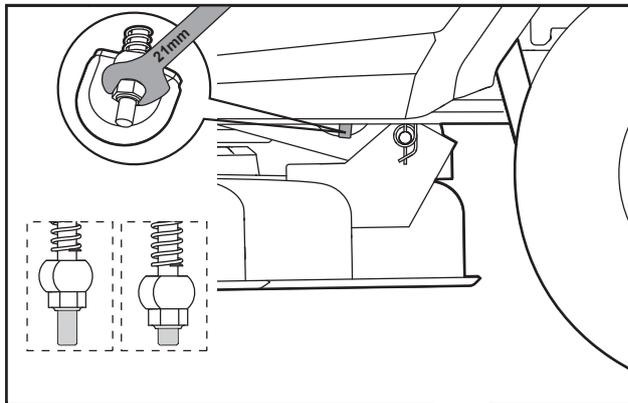
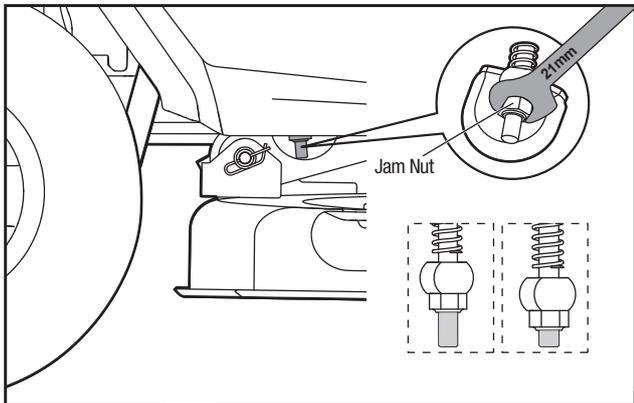


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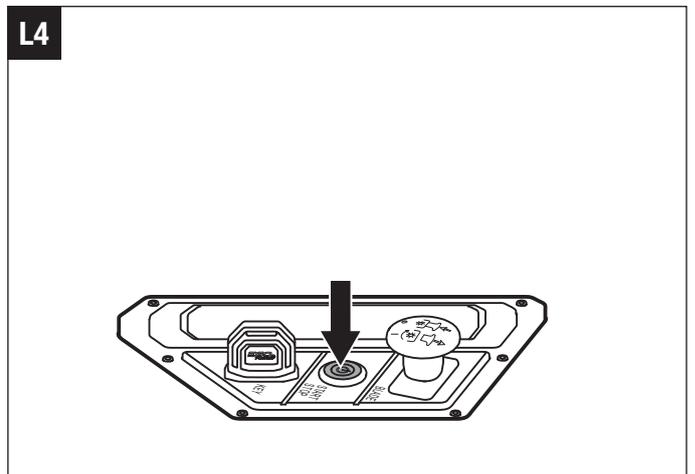
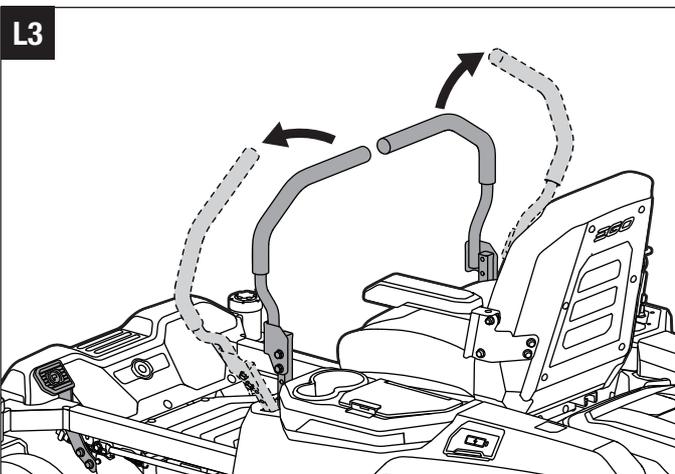
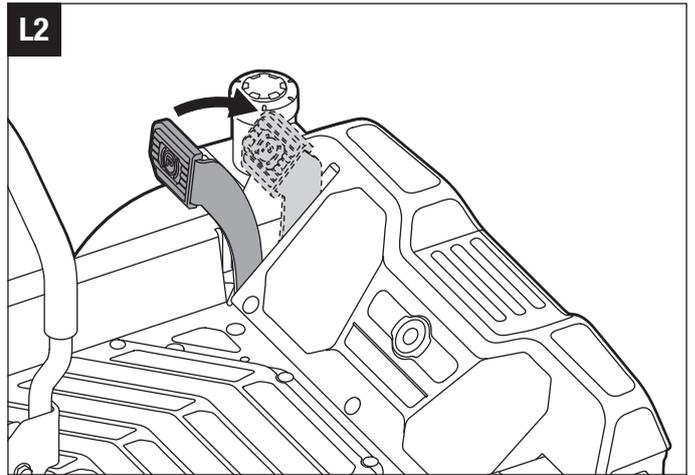
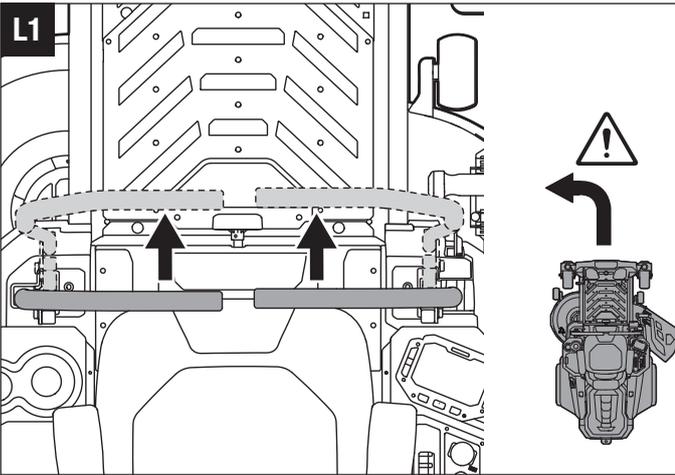
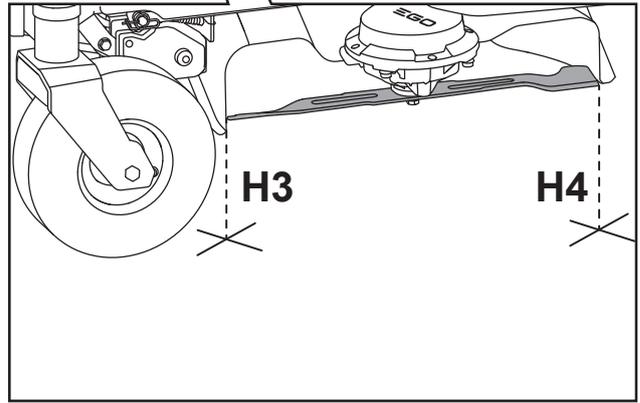
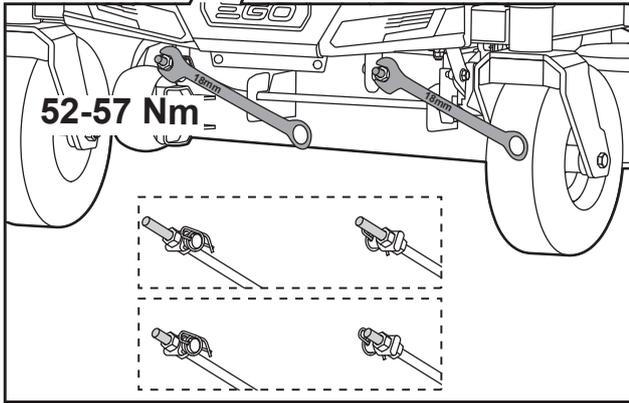
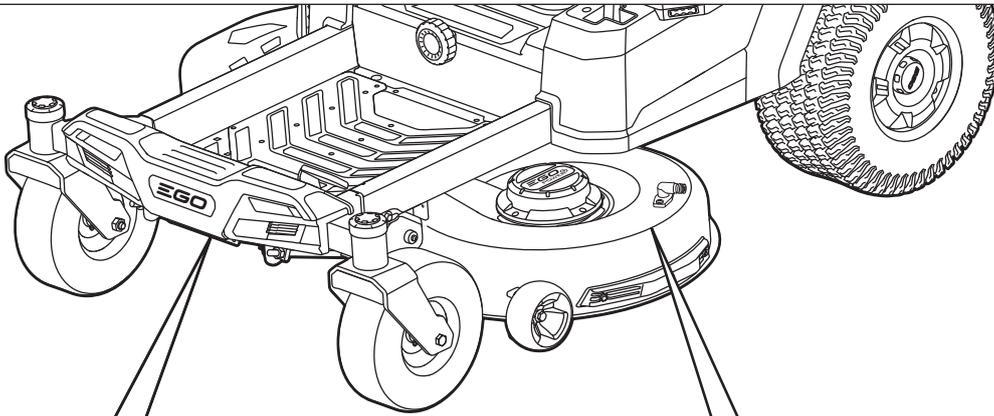


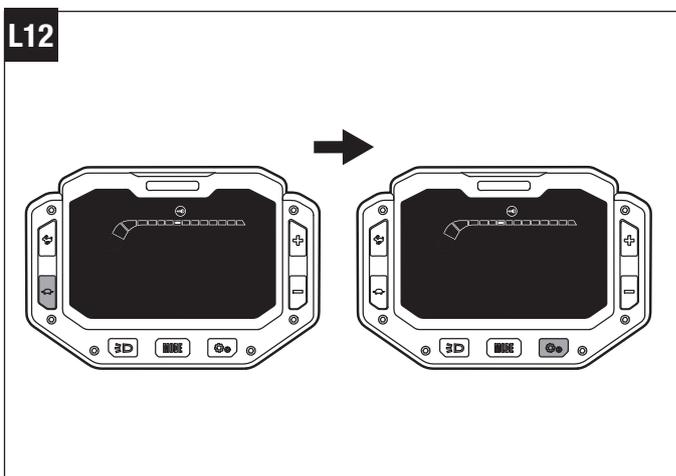
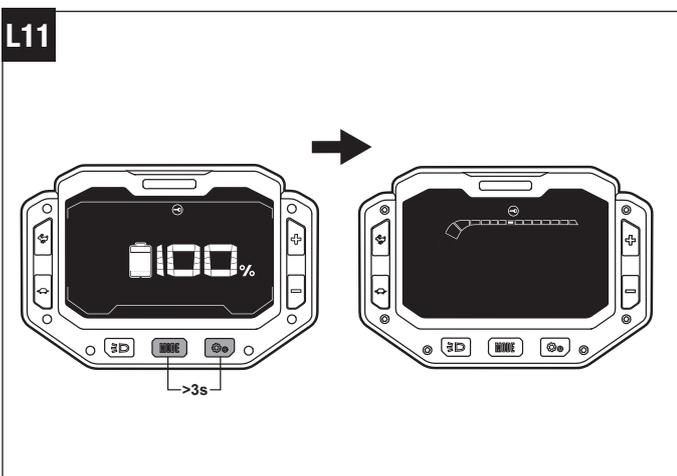
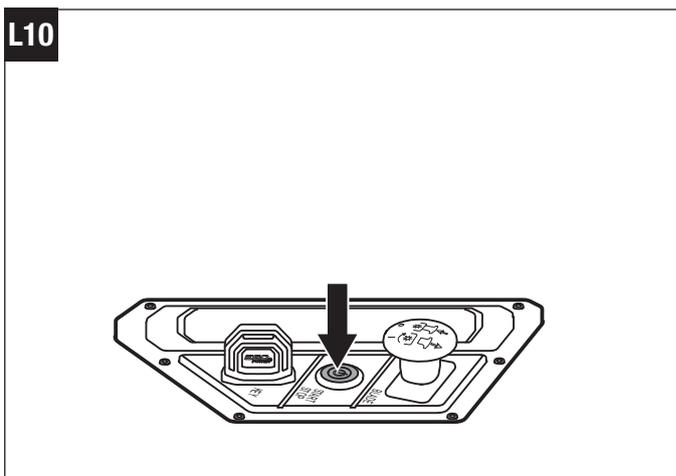
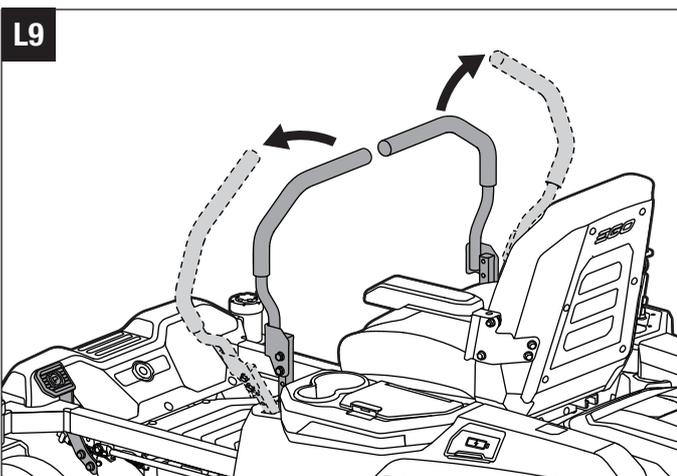
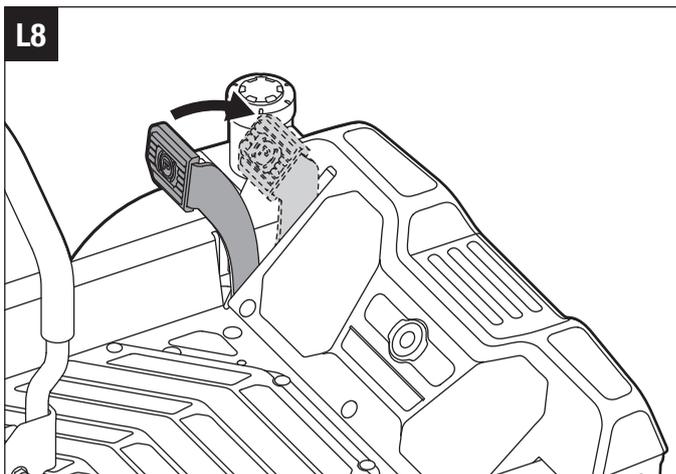
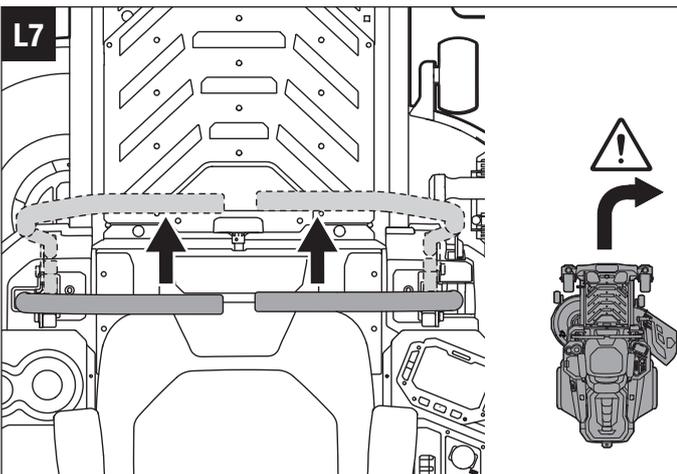
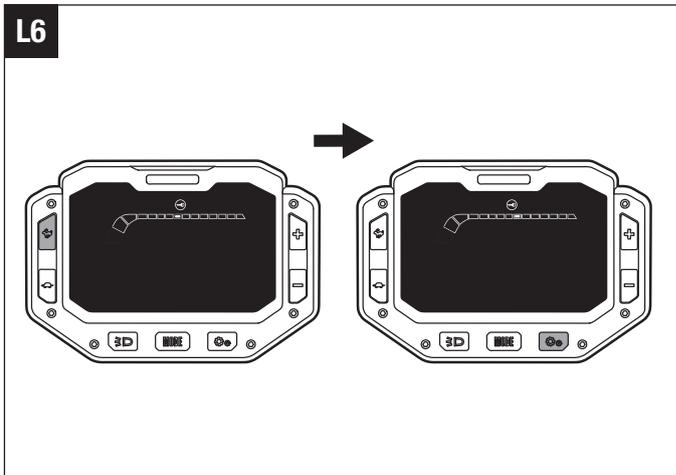
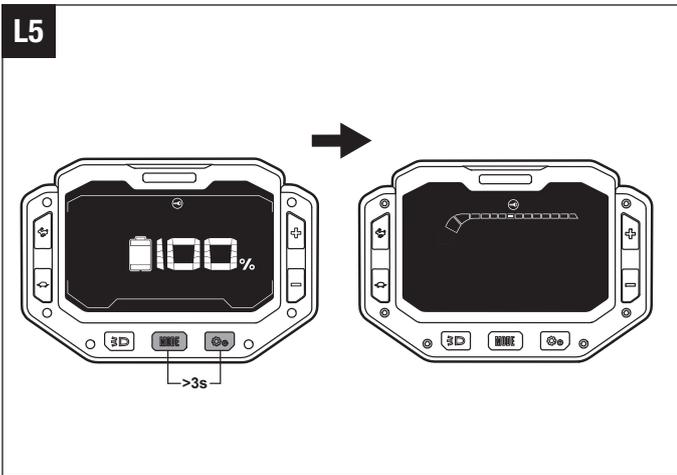




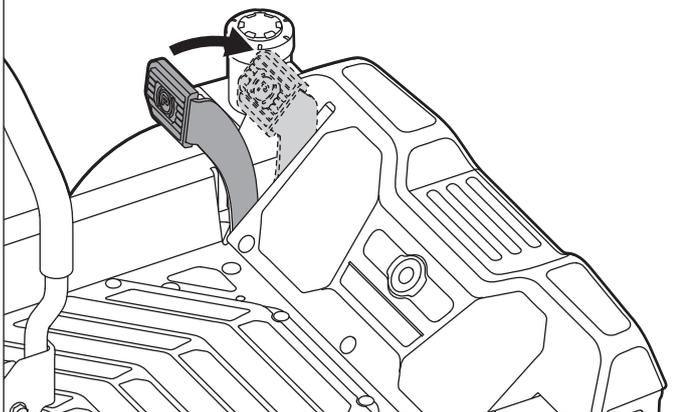


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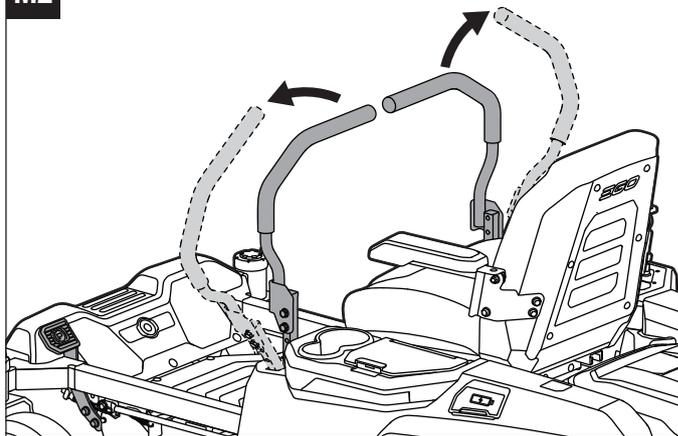




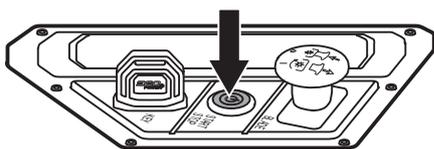
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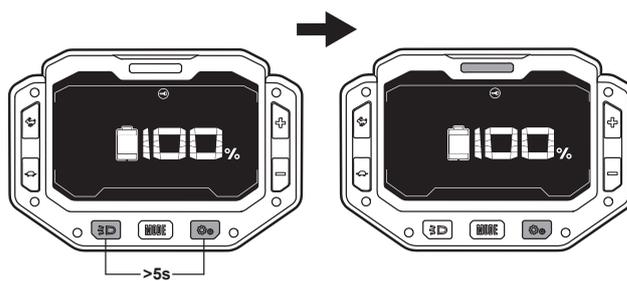
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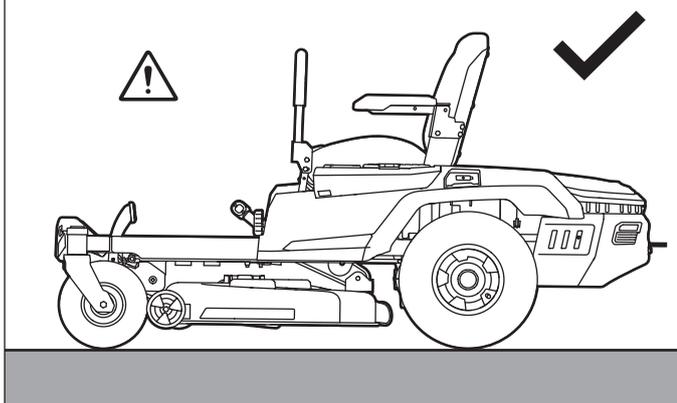
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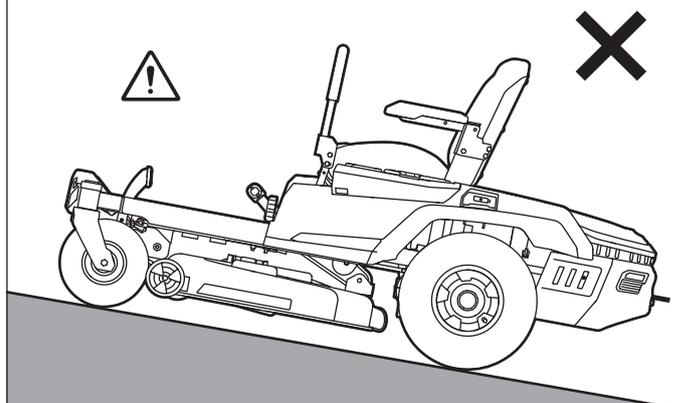
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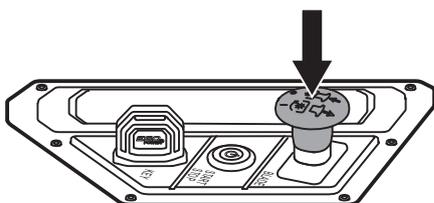
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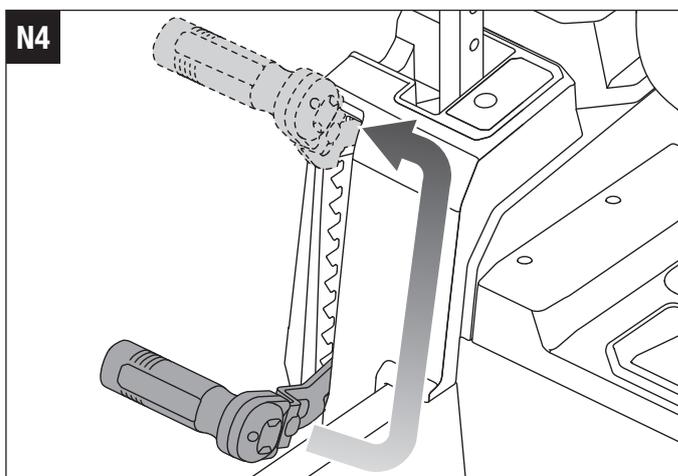
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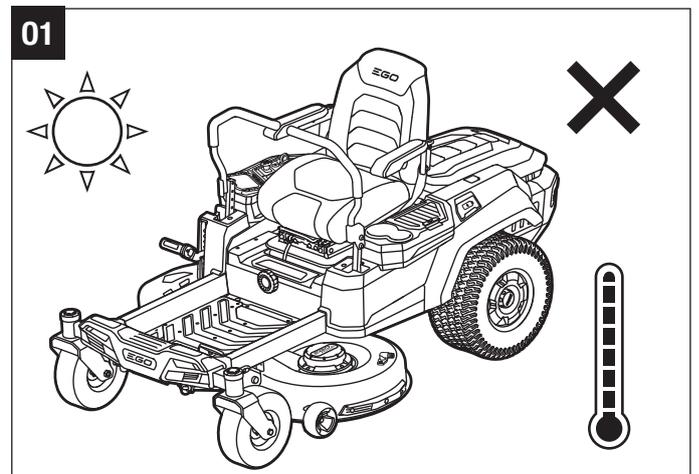
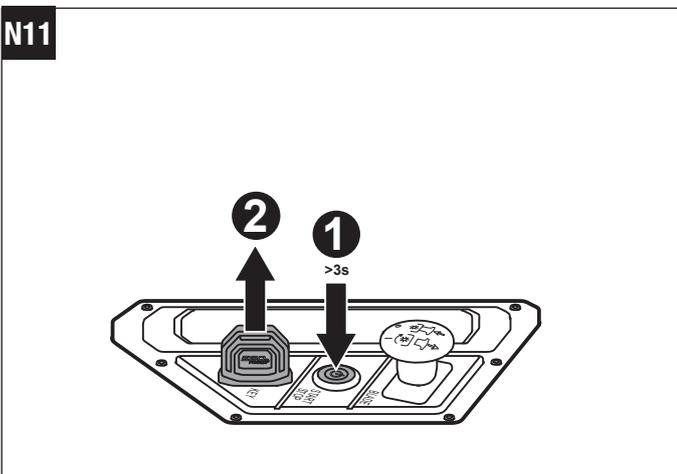
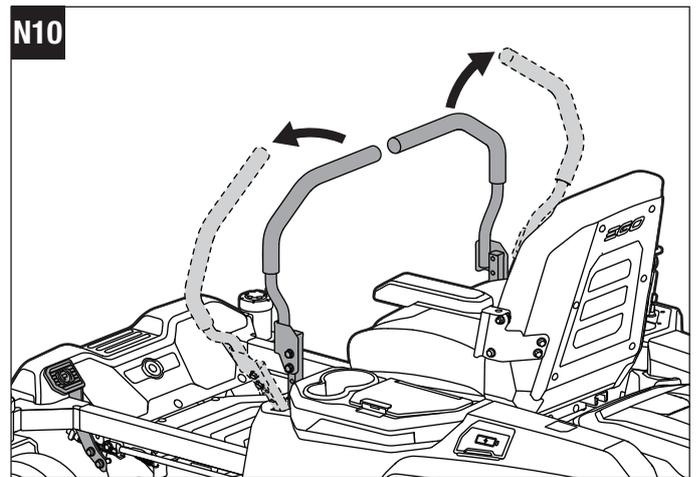
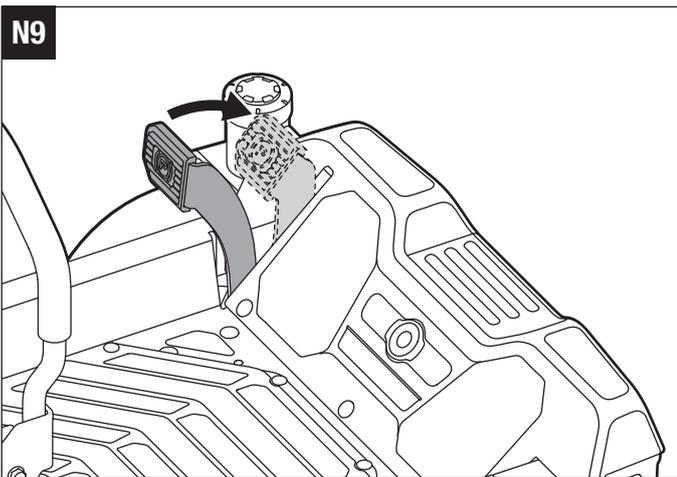
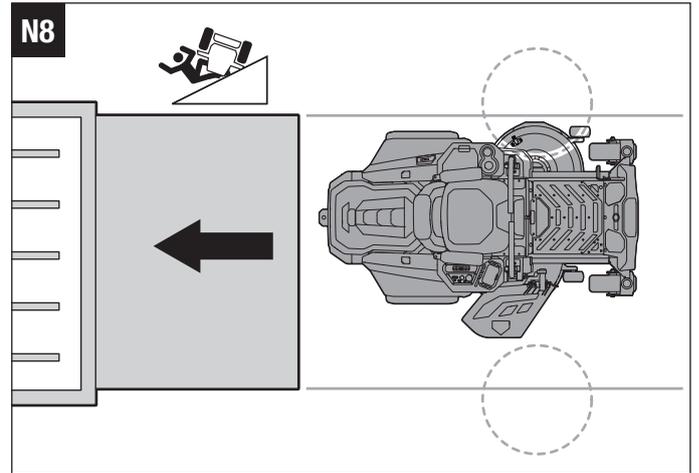
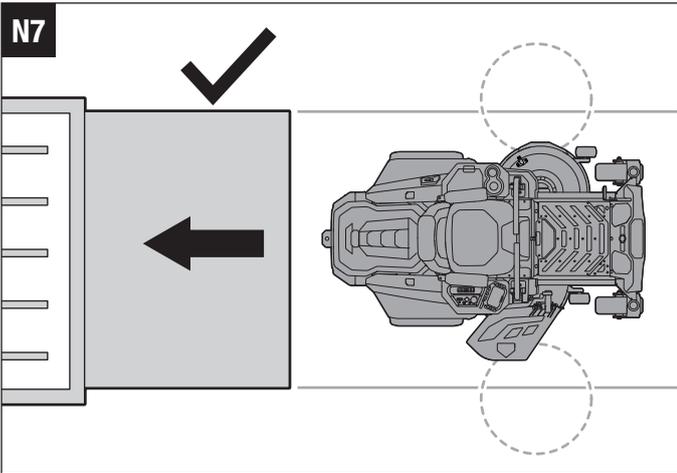
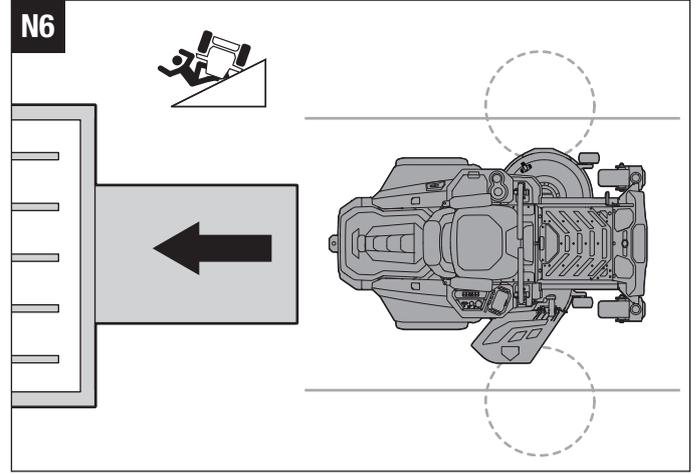
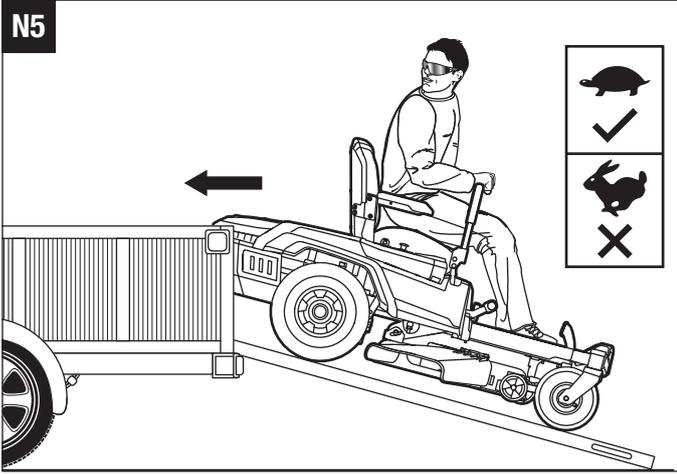


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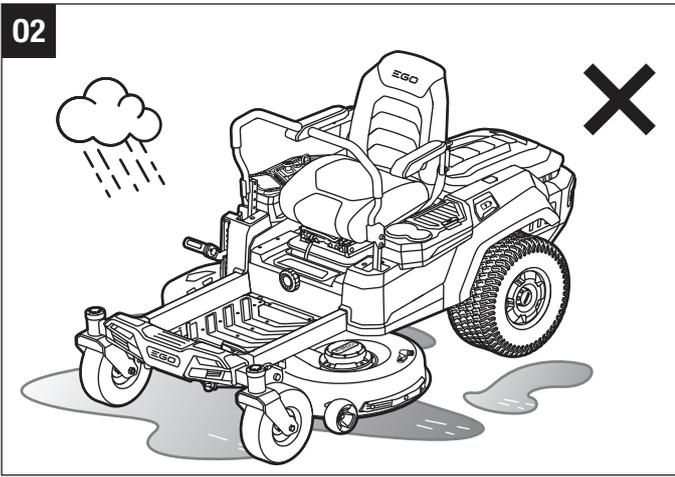


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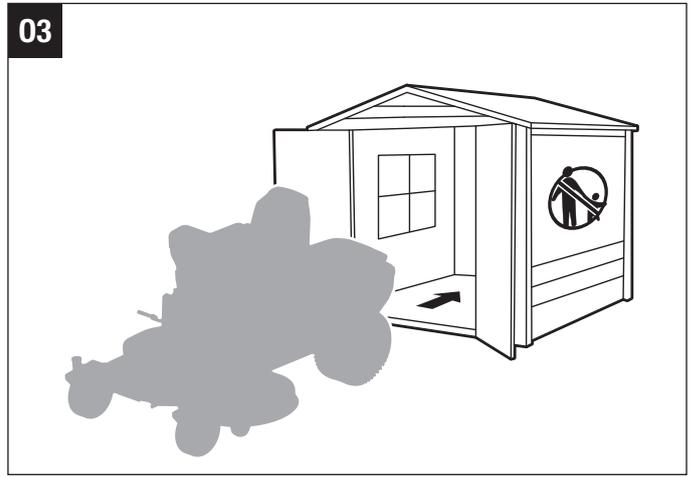




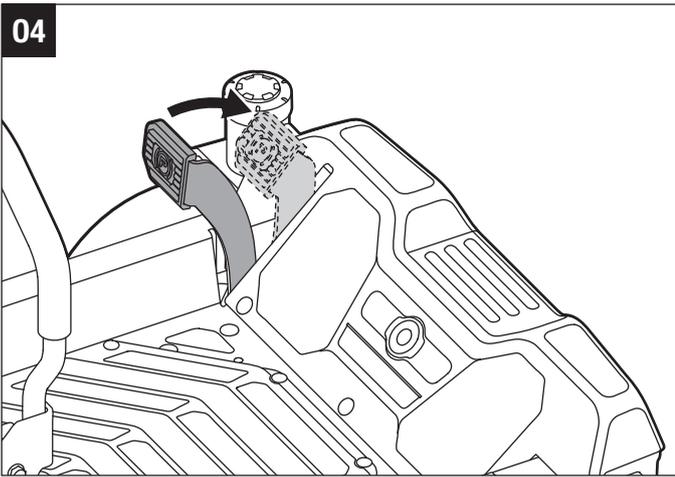
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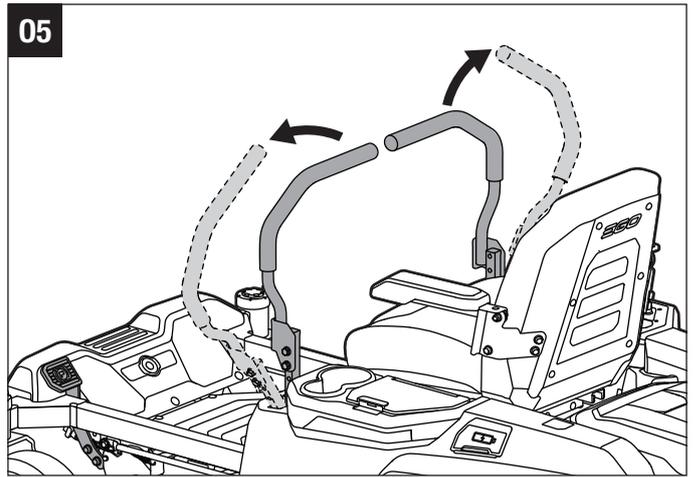
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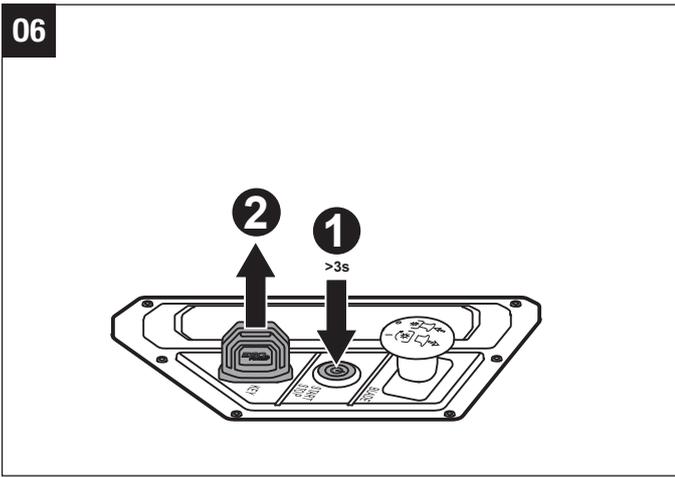
04



05



06



EN READ ALL INSTRUCTIONS!

READ OPERATOR'S MANUAL

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

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

SAFETY SYMBOLS

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

⚠ WARNING: Be sure to read and understand all safety instructions in this Operator's Manual, including all safety alert symbols such as **"DANGER"**, **"WARNING"**, and **"CAUTION"** before using this tool. Failure to 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 INSTRUCTIONS

This page depicts and describes safety symbols that may appear on this product. Read, understand, and follow all instructions on the machine before attempting to assemble and operate 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.
	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.
	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	Meters	Length or size
cm	Centimeters	Length or size
mm	Millimeters	Length or size
Nm	Newton meter	Torque
°C	Celsius	Temperature
kg	Kilogram	Weight
km/h	Kilometers per hour	Velocity

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 RIDING MOWER

⚠ DANGER: 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.

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 cautions when it is loaded on or unload 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 riding mower.
- After striking a foreign object, stop the motor, remove the battery pack, allow the blade to stop rotating, and thoroughly inspect the riding mower for any damage. Repair the damage before operating the riding mower.
- Have your riding lawn mower serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the riding lawn mower is maintained.
- Follow instructions for changing accessories.
- Keep the riding mower free from accumulation of grease, dirt, and other possibly combustible materials.
- Keep all nuts, bolts, and screws tight to be sure the riding mower 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 riding mower in rain, or in wet locations.
- Do not use battery-operated riding mower in rain.
- Do not wash the riding mower with a hose; avoid getting water in the motor and electrical connections.
- Store idle riding mower indoors - When not in use, riding mower 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 riding mower.

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	11 x 4 in (279.4 mm)
	Rear	18 x 8.5 in (457.2 mm)
Cold Tire Pressure	Front	220 kPa
	Rear	50 kPa
Turning Radius		0
Blade Speed (RPM)		2400, 2600, 2800, 3000
Max. Driving Speed (km/h)	Forward	4.8 km/h, 8 km/h, 9.6 km/h, 11.2 km/h (12.8 km/h in Travel Model)
	Reverse	up to 5.6 km/h
Charging	Charger (Optional)	CHV1600E
	Adaptor (Optional)	ACA1000
	Charging Temperature Range	5°C - 40°C
Cutting-Height Adjustment (10 position)		25 – 100 mm
Recommended Operating Temperature		0°C ~ 40°C
Recommended Storage Temperature		-20°C ~ 70°C
Weight		186 kg
Measured sound power level L_{WA}		96.44 dB(A) K=0.68 dB(A)
Sound pressure level at operator's ear L_{PA}		84.3 dB(A) K=3.0 dB(A)
Guaranteed sound power level LWA (measured according to 2000/14/EC)		100 dB(A)
Valuation of vibration a_n	Hand	1.221 m/s ² K=1.5 m/s ²
	Body	0.568 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.

EN DESCRIPTION

KNOW THE ELECTRIC ZERO TURN MOWER (Fig. A1 & A2)

KNOW THE LCD SCREEN & BUTTONS (Fig. A3)

Refer to the section “**MOWER STATUS REFERENCE & FAULT CODE**” 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. B1)

UNPACKING (Fig. B2 – Fig. B3)

RECOMMENDED ACCESSORIES

⚠ WARNING: Use only identical 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
Mulching Blade	AB4200
Bagging Blade	AB4201
Mulching Plug	AMP4200
Grass Bagger Kit	ABK4200

ASSEMBLY

INSTALLING THE SEAT (Fig. C1 & C2)

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

NOTICE: For your safety, the mower may stop driving as the seat switch got disconnect during driving. In this case, please refer to the section “**TROUBLESHOOTING**” for more information.

INSTALLING THE STEERING LEVERS (Fig. C3)

ATTACHING THE MULCHING PLUG (Fig. C4)

OPERATION

BEFORE USING THE MOWER

Checking environment

- a. Ensure that the working area is clear of children, bystanders, and pets.
- b. Clear the work area of objects that may be thrown by the mower blades.
- c. Check and ensure that the LED lights are in proper status:
 - The headlights, sidelights and rear lights are controlled by the LED light switch.
 - The running lights always keep on during driving.
 - When backing up, if the rear lights are turned off, they will flash to warn bystanders; if the rear lights are turned on, they will remain on.
 - All lights will switch off automatically after more than 3 minutes without operating.

Checking the cold tire pressure (Fig. D1)

Checking the mower status and battery charge level

- a. Mower fuel-gauge indicator (Fig. A2 – 27a)
Each segment of the mower fuel-gauge indicator indicates 20% charge of the inserted battery packs.

NOTICE: The mower fuel gauge indicator and the fuel gauge on the LCD screen indicate the average capacity of the inserted battery packs.

- b. Mower status indicator (Fig. A1 & Fig. A2 – 27b)
If the status indicator shows green, the mower is ready for driving. If not, please refer to the section “MOWER STATUS REFERENCE & FAULT CODE”.

Testing the safety interlock system (Fig. D2 – Fig. D8)

NOTICE: The operator must be on the seat before test.

- a. Before testing (Fig. D2 – Fig. D4)
- b. To test the deck-blade system (Fig. D5) then slowly stand up
- c. To test the driving system (Fig. D6 – Fig. D8) then slowly stand up

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 center immediately.

ADJUSTMENT (Fig. E1 – Fig. E13)

Preparation (Fig. E1 – Fig. E5)

Adjusting the cutting-deck height (Fig. E6)

Adjusting the anti-scalp wheel (Fig. E7 – Fig. E10)

Adjusting the seat (Fig. E11)

Adjust the seat position to ensure you are able to make firm contact with the parking-brake pedal before operating the mower. Seat suspension adjustment could make you achieve the most comfortable experience on the seat.

Setting the parking brake (Fig. E12 – Fig. E13)

EN CHARGING (FIG. F1 – FIG. F11)

In order to start this mower, 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.

Use only with the recommended battery packs and chargers. (Fig. F9 & F10)

Preparation for charging (Fig. F1 - Fig. F4)

Charging the battery pack(s) separately (Fig. F5 - Fig. F9)

- To attach the battery pack(s) (Fig. F5 – Fig. F6)
- To detach the battery pack(s) (Fig. F7 – Fig. F8)

NOTICE: Charge the battery pack(s) refer to the corresponding battery and charger manuals.

Charging the battery packs via charging port (Fig. F10)

STARTING THE ELECTRIC ZERO TURN MOWER (Fig. A4 - Fig. A5 & Fig. G1 - Fig. G6)

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

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

NOTICE: Follow Fig. A4 & Fig. G2 to get the lowest driving speed and STANDARD driving mode until you are fully capable of operating the mower in all situations. The driving speed and driving mode will activate only when the mower wheels are stopped and the steering levers are open.

The mower will save and present the previous setting when restarting it.

Driving-Mode

- **CONTROL:** Lower acceleration, less sensitive handling, and mild turning speed to protect the grass and for new users.
- **STANDARD:** Perfect for everyday use.
- **SPORT:** Higher acceleration, accurate handling, and sharp turning to maximize mowing efficiency and for mowing enthusiasts.

Driving Speed Adjustment (Fig. A4)

Blade Speed Adjustment (Fig. A5)

NOTICE: When in “TRAVEL” mode, press the “”, the driving speed will return to the previous mode.

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 mower is startup.

STOPPING THE ELECTRIC ZERO TURN MOWER (Fig. H1 - Fig. H6)

NOTICE: After more than 60 minutes without operating, the mower will automatically shut off.

Limp-home mode

When battery charge becomes low, the mower will go into Limp-Home mode:

- The mower automatically stop grass cutting;
- The beep indicator will continue to sound;
- The mower status indicator will flash red every second, the first segment of the mower fuel-gauge will flash red and both the low-power indicator and the battery graphics on the fuel gauge will flash.

The operator should:

- a) Push the PTO switch downward (Fig. H3) to disengage the blades. The beep indicator will stop sounding when the blade stops;
- b) Stop working and go to the battery charging area as soon as possible. The maximum distance the mower can travel is 1000 m.

When the battery is nearly depleted, the icon of each occupied battery compartment and low-power indicator will blink every half a second. The mower will stop working immediately. The operator should transport the mower to the battery charging area for charging.

Manual pushing

If manual pushing is needed, be sure that the batteries are disconnected from the mower and the parking-brake pedal is release from the braking position.

DRIVING THE ELECTRIC ZERO TURN MOWER (Fig. I1 - Fig. I9)

To stop, decrease or increase speed, slowly change the steering lever's distance from neutral.

⚠ DANGER: Stay at least two mowing widths (2.14 m) away from any ditches, drop-offs, or water. Front wheels can rotate when the mower is stopped, even with the brake applied, and cause the mower to go over the edge or into the water and result in death or serious personal injury.

⚠ WARNING: Be aware of what is behind the mower before backing up. DO NOT mow in reverse unless absolutely necessary. Always look down and behind before and while backing to make sure no children, bystanders, or pets enter the mowing area. Remember that a careless fraction of a second is sufficient to inflict death or serious injury.

⚠ WARNING: Do not operate this machine 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 mower for damage and repair the damage before restarting and operating the mower.

EN 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 mower blade. Always remove the safety key and battery packs when servicing or transporting the mower.

Maintenance Service Interval	Maintenance Procedure
Before each use or daily	<ul style="list-style-type: none"> ▪ Check the safety-interlock system. ▪ Visually check the tire whether it is flat. ▪ Inspect the blades if it is worn, crack or bent. ▪ 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 the brake operation.
After each use	<ul style="list-style-type: none"> ▪ Clean the mower deck.
Every 25 hours	<ul style="list-style-type: none"> ▪ Check the tire pressure.
Every 50 hours	<ul style="list-style-type: none"> ▪ Check the grease condition inside the cutting blade flange.
Every 100 hours	<ul style="list-style-type: none"> ▪ Check the rear wheels, ensuring that the 4 lug nuts are fastened at the recommended torque.
Every 200 hours	<ul style="list-style-type: none"> ▪ Check the front wheels, ensuring that they turn freely.
Annually	<ul style="list-style-type: none"> ▪ Check the parking-brake pedal. Remove the battery from the mower and set the parking pedal at the braking position. Manually push the mower forwards to see whether the mower can be moved or not. If it moves, have it serviced by a qualified service technician.

CLEANING THE MOWER (Fig. J1 - Fig. J9)

Preparation (Fig. J1 - Fig. J5)

Cleaning the mower housing (Fig. J6 - Fig. J7)

Using wash port to clean the mower deck (Fig. J8 - Fig. J9)

NOTICE: When finishing cleaning, push the PTO switch downward to disengage the mower blades.

MAINTAINING THE MOWER DECK AND THE CUTTING BLADES

Preparation (Fig. K1 - Fig. K6)

Removing the mower deck (Fig. K7 - Fig. K8)

NOTICE: Disconnect the motor cables and cotter pins on both sides when removing the mower deck.

Replacing the cutting blades (Fig. K9 - Fig. K11)

Leveling the mower deck

a. When to level (Fig. K12 - Fig. K14)

b. Before leveling

- Checking the cold tire pressure (Fig. K15)
- Check the cutting blades. Remove and replace worn, cracked, and/or bent blades as necessary.

a. Preparation for leveling (Fig. K16 - Fig. K21)

b. How to leveling

▪ To make side-to-side adjustment (Fig. K22)

The difference between the distances H1&H2 measured from the bottom edge of each blade to the ground should be within 5 mm.

▪ To make front-to-rear adjustment (Fig. K23)

The front tip H3 of the blade should be from 2 mm to 10mm lower than the rear tip H4.

CALIBRATING THE MOWER TRACKING SYSTEM (Fig. L1 - Fig. L6 & Fig. L7 - Fig. L12)

NOTICE: The beeping indicator will sound once both when starting calibration and when the calibration is finished.

RESETTING THE MOWER TO INITIAL FACTORY SETTING (Fig. M1 - Fig. M4)

NOTICE: The beeping indicator will sound once both when starting resetting and when the resetting is finished.

STORAGE & TRANSPORT

TRANSPORTING THE MOWER (FIG. N1 - FIG. N11)

NOTICE: Secure the mower as needed, using straps or cables to prevent movement during transport. When loading or unloading the mower, do not exceed the maximum recommended operation angel of 12° between ramp and the ground.

STORAGE (Fig. 01 - Fig. 06)

NOTICE: Remove the battery packs and store the batteries refer to the corresponding manuals.

Clean and check the mower before storage refer to the sections “**CLEANING THE MOWER**” and “**RECOMMENDED MAINTENANCE SCHEDULE(S)**”.

Protecting the environment



Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities.

Contact your local government for information regarding the collection systems available.

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

EN TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
<p>The electric zero turn mower fails to drive when the two steering levers are pushed forward or backward at the beginning.</p>  Steering level icon blinks	<ul style="list-style-type: none"> The combined Ah of the inserted batteries is less than 15 Ah. 	<ul style="list-style-type: none"> In order to start this mower, EGO batteries totaling 15Ah (2 X BA4200/BA4200T) or more are required. For best performance, we recommend use of batteries that total 30Ah or more.
	<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 braking position.
	<ul style="list-style-type: none"> The steering levers are not in the open position when starting the mower. 	<ul style="list-style-type: none"> Return the steering levers to the open position and restart the mower.
	<ul style="list-style-type: none"> The operator is not sitting on the seat. 	<ul style="list-style-type: none"> Only when the operator correctly sits on the seat, can he operate the mower.
	<ul style="list-style-type: none"> The seat switch is not connected correctly. 	<ul style="list-style-type: none"> Remove the battery from the mower and disassemble the seat in the reverse order of the instructions in section “INSTALLING THE SEAT” in this manual to inspect the seat switch connection. Reassemble the seat and follow the instructions in “STARTING THE ELECTRIC ZERO TURN MOWER” to restart the mower to see if the mower can be started. If not, contact a qualified service technician 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 mower and battery in warm environment. Restart the mower when it is warmed up. Please do not make repeated attempts under extreme cold weather which may damage the machine. Recommended operating temperature is 0°C-40°C.
<p>The electric zero turn mower stops driving.</p>	<ul style="list-style-type: none"> Steering levers require a “reset”. 	<ul style="list-style-type: none"> Return the steering levers to the open position and restart the mower.
	<ul style="list-style-type: none"> The electric controlling components of the steering levers are failed. 	<ul style="list-style-type: none"> Contact a qualified service technician for repair.
	<ul style="list-style-type: none"> The seat switch got disconnected during driving on a rough terrain. 	<ul style="list-style-type: none"> Remove the battery from the mower and disassemble the seat in the reverse order of the instructions in section “INSTALLING THE SEAT” in this manual to inspect the seat switch connection. Reassemble the seat and follow the instructions in “STARTING THE ELECTRIC ZERO TURN MOWER” to restart the mower to see if the mower can be started. If not, contact a qualified service technician for repair.

PROBLEM	CAUSE	SOLUTION
The driving speed/ driving mode cannot be adjusted during driving.	<ul style="list-style-type: none"> ▪ This is a feature of the electric zero turn mower for safe driving. 	<ul style="list-style-type: none"> ▪ The function will activate only when the mower wheels are stopped and the steering levers are open.
The electric zero turn mower fails to start the blades when the PTO switch is engaged.  PTO Switch icon blinks	<ul style="list-style-type: none"> ▪ The combined Ah of the inserted batteries is less than 15 Ah. 	<ul style="list-style-type: none"> ▪ In order to start this mower, EGO batteries totaling 15 Ah (2 X BA4200/BA4200T) or more are required. For best performance, we recommend use of batteries that total 30 Ah or more.
	<ul style="list-style-type: none"> ▪ The PTO switch is not pushed down when the mower is stopped last time. 	<ul style="list-style-type: none"> ▪ Push the PTO switch downward and restart the mower's blades.
	<ul style="list-style-type: none"> ▪ The mower is overloaded at the moment the blades starting, resulting in motor self-protection. 	<ul style="list-style-type: none"> ▪ Start the mower grass cutting in lower blade speed first and until the blades are getting successes rotation, do not accelerate the blade speed as needed.
	<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 mower and battery in warm environment. Restart the mower when it is warmed up. Please do not make repeated attempts under extreme cold weather which may damage the machine. Recommended operating temperature is 0°C-40°C.
	<ul style="list-style-type: none"> ▪ The blade interferes with the deformed mower deck. 	<ul style="list-style-type: none"> ▪ Contact a qualified service technician for repair.

PROBLEM	CAUSE	SOLUTION
<p>The blades stop working during grass cutting.</p>	<ul style="list-style-type: none"> ▪ The mower 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 mower.
	<ul style="list-style-type: none"> ▪ The mower deck is clogged with grass and debris. 	<ul style="list-style-type: none"> ▪ Clean the mower deck and make certain that the blades have freedom of movement.
	<ul style="list-style-type: none"> ▪ The mower is overheated. 	<ul style="list-style-type: none"> ▪ Reduce the load of the mower, by raising the deck cutting height or slowing down the blade/driving speed and allow the mower to cool.
	<ul style="list-style-type: none"> ▪ The battery pack(s) in the mower's battery compartment is overheated, resulting in combined Ah rating of all inserted batteries to be below 15 Ah. 	<ol style="list-style-type: none"> 1. If the combined battery Ah rating is less than 15 Ah, the mower will not work until more battery packs are inserted into the vacant battery components. Once the overheated battery returns to normal temperature, it will join in powering the mower immediately. 2. Reduce the load of the mower by raising the deck cutting height or slowing down the mowing when resuming operation.
	<ul style="list-style-type: none"> ▪ The mower is in Limp-Home mode. 	<ul style="list-style-type: none"> ▪ When the mower is in Limp-Home mode, the blades are automatically switched into low rotation speed without grass cutting. The operator should stop working and go to the battery charging area as soon as possible.
	<ul style="list-style-type: none"> ▪ The mower is hit a foreign object, resulting in motor self-protection. 	<ul style="list-style-type: none"> ▪ Push the PTO switch downward and restart the mower blades.
<p>The beeping indicator continues sounding.</p>	<ul style="list-style-type: none"> ▪ The mower is in Limp-Home mode and the blades are not turned off. 	<ul style="list-style-type: none"> ▪ Push the PTO switch down to disengage the deck blades. The beeping indicator will stop sounding when the blade stops.
	<ul style="list-style-type: none"> ▪ The mower stops driving on a slope and the operator opens the steering levers and is off the seat without setting the parking brake pedal at the braking position. 	<ul style="list-style-type: none"> ▪ Set the parking brake pedal in the braking position before leaving the mower on the slope.

PROBLEM	CAUSE	SOLUTION
The battery indicators are still on when the mower is turned off.	<ul style="list-style-type: none"> When the mower is turned off on level ground without removing the battery pack(s) from the mower, the battery indicators will remain illuminated for 3 minutes. 	<ul style="list-style-type: none"> No action is needed. The battery indicators will go off after a period.
	<ul style="list-style-type: none"> When the mower is turned off on a slope without setting the parking brake pedal at the braking position, the battery indicators will keep on until the battery charge is depleted. The beeping indicator keeps sounding at the same time. 	<ul style="list-style-type: none"> Set the parking brake pedal in the braking position before the operator leave the tool on the slope.
The LCD screen fails to be illuminated with all icons on.	<ul style="list-style-type: none"> The pressing time on the start/stop button is less than 3 seconds. 	<ul style="list-style-type: none"> The LCD screen will only display “Fuel Gauge” when the start/stop button is pressed briefly.
		<ul style="list-style-type: none"> The LCD screen will turn on after the start/stop button has been pressed for 3 seconds.
The mower 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 blade 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 blade following the instructions in section “REPLACING THE CUTTING BLADES”.
	<ul style="list-style-type: none"> The mower deck is not leveled, resulting in different cutting blade height. 	<ul style="list-style-type: none"> Level the mower deck following the instructions in section “LEVELING THE MOWER DECK”.
The actual grass cutting height is not aligned with the claimed height.	<ul style="list-style-type: none"> The mower deck nuts are loosened on the suspension linkage 	<ul style="list-style-type: none"> Follow the instructions in section “LEVELING THE MOWER DECK” to make correct front-to-rear adjustment for the mower deck and securely tighten the four nuts on the suspension linkage (two for each side).
	<ul style="list-style-type: none"> The mower deck is damaged or seriously worn. 	<ul style="list-style-type: none"> Follow the instructions in section “REMOVING THE MOWER DECK” to have mower deck replacement.
The mower 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 mower is set to cut too much grass at once. 	<ul style="list-style-type: none"> Raise the deck cutting height.

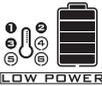
PROBLEM	CAUSE	SOLUTION
There is excessive vibration.	<ul style="list-style-type: none"> The cutting blades are loose. 	<ul style="list-style-type: none"> Tighten the blade bolt to the recommended torque 50-55 Nm.
	<ul style="list-style-type: none"> The blades are bent. 	<ul style="list-style-type: none"> Replace the bent cutting blade following the instructions in section “REPLACING THE CUTTING BLADES”.
	<ul style="list-style-type: none"> The mower deck is not leveled. 	<ul style="list-style-type: none"> Level the mower deck following the instructions in section “LEVELING THE MOWER DECK”.
	<ul style="list-style-type: none"> The mower deck nuts are loosened on the suspension linkage. 	<ul style="list-style-type: none"> Use a 18 mm open-end wrench (not supplied) to tighten the four nuts on the suspension linkage (two for each side).
	<ul style="list-style-type: none"> The mower is set to cut too much grass at one. 	<ul style="list-style-type: none"> Raise the deck cutting height.
There are grass or debris remaining on the ground after mowing.	<ul style="list-style-type: none"> The mower 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 6 inches 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 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 running time of the mower with included battery.	<ul style="list-style-type: none"> Grass conditions and cutting-height setting will greatly affect the battery run time. The claimed run time is based on a light load condition. 	<ul style="list-style-type: none"> Raise the deck cutting height and slow down the blade speed to reduce the cutting load.
The mower is not tracking straight.	<ul style="list-style-type: none"> The tire pressures for the left and right rear wheels are different. 	<ul style="list-style-type: none"> Check and adjust the air pressure in both rear wheel tires, according to the recommendation in section “CHECKING THE TIRE PRESSURE” in this manual.
	<ul style="list-style-type: none"> The driving speeds for the left and right rear wheels are different. 	<ul style="list-style-type: none"> Calibrate the mower tracking system following the instructions in section “CALIBRATING THE MOWER TRACKING SYSTEM”.
The parking brake pedal cannot be released from the braking position or is slow to spring back.	<ul style="list-style-type: none"> There may be debris or dirt getting inside the parking brake pedal. 	<ul style="list-style-type: none"> Open the parking brake pedal box to thoroughly clean the box inside and close it. Reset the parking brake pedal to see whether the problem is solved. If not, contact a qualified service technician for repair.

PROBLEM	CAUSE	SOLUTION
The mower cannot be charged via charging port with the mower status indicator shining solid red.	<ul style="list-style-type: none"> ▪ The plug of the charger is not correctly inserted into the charging port on the mower. 	<ul style="list-style-type: none"> ▪ Reconnect the charger plug to see whether the mower 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"> ▪ Contact a qualified service technician for inspection and have charger repaired if needed.
	<ul style="list-style-type: none"> ▪ The charger port on the mower is defective. 	<ul style="list-style-type: none"> ▪ Contact a qualified service technician for repair.
The charging time via the mower 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 zero turn mower directly.
The battery cannot be fully charged via the mower charging port.	<ul style="list-style-type: none"> ▪ Firmware bug of the riding mower or the charger/battery failure. 	<ul style="list-style-type: none"> ▪ Unplug the charger and wait for more than 1 min, then reconnect the plug to the power supply. If it does not work, contact a qualified service technician for repair.
The mower cannot be started after cleaning.	<ul style="list-style-type: none"> ▪ Improper cleaning, such as water getting on the electric components, LCD screen etc. 	<ul style="list-style-type: none"> ▪ Follow the instructions in section “CLEANING THE MOWER” to clean the mower correctly.
It is easy for the mower to be clogged.	<ul style="list-style-type: none"> ▪ The mower deck is clogged with grass and debris. 	<ul style="list-style-type: none"> ▪ If the mower caught in rain accidentally, leave it for over 12 hours to dry or use compressed air to dry it.
		<ul style="list-style-type: none"> ▪ Clean the mower deck after each use, following the section “Using Wash Port to Clean Mower Deck”.
The mower 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"> ▪ Large mowing slope. 	<ul style="list-style-type: none"> ▪ Mowing slope should be less than 12 degrees.
When the mower is stopped on a slope with the parking brake pedal pressed, the mower can slide downward the slope.	<ul style="list-style-type: none"> ▪ The brake components are excessively worn due to improper operation of the mower. 	<ul style="list-style-type: none"> ▪ Contact a qualified service technician for repair.
There is no water coming from the wash port when performing deck washing.	<ul style="list-style-type: none"> ▪ The wash-port quick coupler is not mounted into place on 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, contact a qualified service technician for repair.
There is abnormal sound when manual pushing the mower without starting.	<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.

EN MOWER STATUS REFERENCE & FAULT CODE

LCD Display	Description	Fault Code on LCD	Mower Status Indicator	Beeper	Cause	Solution
	LED lights icon is displayed on the LCD screen	n/a	OFF	No	The headlights, sidelights, and rear lights are turned on by the LED light switch.	This is normal operation. No action is needed.
	USB icon is displayed on the LCD screen	n/a	OFF	No	USB icon illuminates that a USB device can work after the mower is started correctly.	This is normal operation. No action is needed.
	Fuel Gauge icon is displayed on the LCD screen	n/a	OFF	No	It indicates the average charge capacity of inserted batteries	This is normal operation. No action is needed.
	Hour Meter icon is displayed on the LCD screen	n/a	OFF	No	It shows the total driving time of mower, in hours and cannot be reset.	This is normal operation. No action is needed.
	Load indicator icon shows in the ECO range	n/a	OFF	No	It indicates the current load of the mower.	This is normal operation. No action is needed.
	The overload indicator blinks. Load indicator icon shows in the PWR range.	n/a	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 mower.
	Safety key icon blinks.	n/a	OFF	No	The safety key is not inserted.	Insert the safety key then press and hold the START/STOP button for more than 3 seconds to turn on the mower.
					Power is not supplied to the LCD screen.	Have repairs performed by a qualified service technician.

LCD Display	Description	Fault Code on LCD	Mower Status Indicator	Beeper	Cause	Solution
	The icon of the empty battery compartment blinks.	n/a	OFF	No	Battery capacity is not sufficient to allow the riding mower to work.	In order to start this mower, EGO batteries totaling 15 Ah (2 X BA4200/BA4200T) or more are required. For best performance, we recommend use of EGO batteries that total 30 Ah or more.
	The icon of the thermometer blinks.	n/a	Flashes red	One beep	The mower is over heated.	Reduce the load of the mower by raising the deck cutting height or slowing down the blade/driving speed. Take a break and allow the mower to cool.
	The over-heat icon and the exact occupied battery compartment blink at the same time.	n/a	n/a	No	The battery pack in the corresponding numbered battery compartment is overheated.	<p>1. The mower can continue working if the combined battery Ah rating, overheated battery excluded, is equal to or more than 15 Ah. Once the overheated battery returns to normal temperature, it will join in powering the mower immediately.</p> <p>2. If the combined battery Ah rating is less than 15 Ah, the mower will not work until more battery packs are inserted into the vacant battery compartments.</p> <p>3. Reduce the load of the mower by raising the deck cutting height or slowing down the mowing when resuming operation.</p>

LCD Display	Description	Fault Code on LCD	Mower Status Indicator	Beeper	Cause	Solution
	<p>The icons of each occupied battery compartment, low power indicator, battery graphics of fuel gauge blink every 1 second at the same time on the LCD screen. The first segment of the LED fuel-gauge & status indicator blinks too.</p>	n/a	Flashes red	Keeps beeping until the PTO switch is pushed downward.	The battery packs are low on charge and the mower is in Limp-Home mode.	<p>Stop working and return to the battery charging area.</p> <p>NOTICE: When the mower is in Limp-Home mode, the blades are automatically switched into low rotation speed without grass cutting and meanwhile the sound indicator will keep beeping. The operator should push the PTO switch downward to disengage the deck blades. The sound indicator will stop beeping after blade stopping.</p>
	<p>The icon of each occupied battery compartment and low power indicator blinks every half a second.</p>	n/a	OFF	No	The battery packs are nearly depleted.	<p>The mower will stop working immediately. The operator should transport the mower to the battery charging area for charging.</p>
	<p>The auto-parking icon blinks on the LCD.</p>	n/a	OFF	Keeps beeping	The mower is parked on a slope and the operator leaves the mower without setting the brake pedal at the braking position, just with the steering levers in the open position.	<p>Set the brake pedal at the braking position. The auto-parking icon will be off and the sound indicator will stop beeping.</p>
	<p>Brake pedal icon is displayed on the LCD.</p>	n/a	OFF	No	The parking brake pedal is set at the braking position.	<p>Release it before starting the mower.</p>

LCD Display	Description	Fault Code on LCD	Mower Status Indicator	Beeper	Cause	Solution
	Seat sensor icon is displayed on the LCD.	n/a	OFF	No	The operator leaves the seat or seat switch is disconnected.	If with the operator seated on the seat, the icon is on, stop operating the mower immediately and check the seat connection. If the seat connection with the mower is confirmed correct, please contact a qualified service technician for repairs.
	PTO Switch icon blinks.	n/a	OFF	No	The blade motor was interrupted in operation and the PTO switch is not set to off position.	Before restarting the mower, push the PTO switch downward to disengage the deck motor. Please see “TROUBLESHOOTING” section in this manual for reference.
	Steering lever icon blinks.	n/a	OFF	No	The driving motor was interrupted in operation and the steering levers are not set to open position.	Before restart the mower, move the steering levers to the open position. Please see “TROUBLESHOOTING” section in this manual for reference.
	Energy recovery icon blinks occasionally.	n/a	OFF	No	The kinetic energy generated during braking or driving downhill is converted into electricity to charge the battery packs.	This is normal operation. No action is needed.

LCD Display	Description		Fault Code on LCD	Mower Status Indicator	Beeper	Cause	Solution
See "Fault Code"	Left driving motor fails in rotation.	PCBA controlled left driving motor fails.	413	OFF	One beep	PCBA failure	Have repairs performed by a qualified service technician.
		Plug (Triple-phase, power wire) connecting the left driving motor with the corresponding PCBA is loosened.	317	OFF	One beep	Loose connection	
		Plug (Six pins, signal wire) connecting the left driving motor with the corresponding PCBA is loosened.	301	OFF	One beep	Loose connection	
		Left driving motor fails.	317	OFF	One beep	Motor failure	
See "Fault Code"	Right driving motor fails in rotation.	PCBA controlled right driving motor fails.	313	OFF	One beep	PCBA failure	Have repairs performed by a qualified service technician.
		Plug (Triple-phase, power wire) connecting the right driving motor with the corresponding PCBA is loosened.	417	OFF	One beep	Loose connection	
		Plug (Six pins, signal wire) connecting the right driving motor with the corresponding PCBA is loosened.	401	OFF	One beep	Loose connection	
		Right driving motor fails.	417	OFF	One beep	Motor failure	

LCD Display	Description		Fault Code on LCD	Mower Status Indicator	Beeper	Cause	Solution
See "Fault Code"	Left blade motor fails in rotation.	PCBA controlled left blade motor fails.	607	n/a	One beep	PCBA failure	Have repairs performed by a qualified service technician.
		Plug (Triple-phase, power wire) connecting the left driving motor with the corresponding PCBA is loosened.	509	n/a	One beep	Loose connection	Inspect the blade firstly. If it is loosened, use a 14 mm torque wrench to tighten the bolt clockwise. The recommend for the blade bolt is 50-55 Nm. Otherwise, have repairs performed by a qualified service technician.
		Left blade motor fails	509	n/a	One beep	Motor failure	
See "Fault Code"	Right blade motor fails in rotation.	PCBA controlled right blade motor fails.	507	n/a	One beep	PCBA failure	Have repairs performed by a qualified service technician.
		Plug (Triple-phase, power wire) connecting the right driving motor with the corresponding PCBA is loosened.	609	n/a	One beep	Loose connection	Inspect the blade firstly. If it is loosened, use a 14 mm torque wrench to tighten the bolt clockwise. The recommend for the blade bolt is 50-55 Nm. Otherwise, have repairs performed by a qualified service technician.
		Right blade motor fails	609	n/a	One beep	Motor failure	
See "Fault Code"	Left steering lever fails.	Left steering lever controlling PCBA fails.	311 /412	OFF	One beep	PCAB failure	Have repairs performed by a qualified service technician.
		Plug connecting the controlling PCBA, located in the steering bar, is loosened.				Loose connection	
See "Fault Code"	Right steering lever fails.	Right steering lever controlling PCBA fails.	312 /411	OFF	One beep	PCAB failure	Have repairs performed by a qualified service technician.
		Plug connecting the controlling PCBA, located in the steering bar, is loosened.				Loose connection	

LCD Display	Description		Fault Code on LCD	Mower Status Indicator	Beeper	Cause	Solution
See "Fault Code"	Parking brake fails, the tool cannot be driven.	Parking brake PCBA, which is in the front frame assembly, is broken.	309 /409	OFF	One beep	PCBA failure	Have repairs performed by a qualified service technician.
		Parking brake switch and/or wire is broken.	801	OFF	One beep	Wire/Switch failure	
OFF	Charging Port Fault		n/a	Solid RED	n/a	The charging port is in open circuit.	Have repairs performed by a qualified service technician.
			n/a	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.
			n/a	Solid RED	n/a	The fuse is blown.	Have repairs performed by a qualified service technician.
See "Fault Code"	Charging Port Fault		204	n/a	One beep	The charging port is in open circuit.	
See "Fault Code"	Battery Box Assembly not functioning		217	n/a	One beep	The power source from Battery Box assembly is broken. The LED headlights and USB will not work.	Have repairs performed by a qualified service technician.
			310 /410	OFF	One beep	The connection between Type C wires of Battery Box assembly and other Type C wires of the mower is out of work.	
			201 /202 /203	OFF	One beep	The BMS of the Battery Box assembly is broken.	

LCD Display	Description	Fault Code on LCD	Mower Status Indicator	Beeper	Cause	Solution
See "Fault Code"	Start/Stop Switch Fault	314 /414	OFF	One beep	Switch PCBA failure or bad wire connection for Start/Stop Switch.	Have repairs performed by a qualified service technician.
See "Fault Code"	LCD Screen Fault	315 /415	OFF	One beep	LCD assembly is broken or bad wire connection of the LCD assembly.	Have repairs performed by a qualified service technician.

EN WARRANTY

EGO WARRANTY POLICY

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

**Please contact EGO customer service on Australia 1300 000 EGO(1300 000 346),
New Zealand 0508 000 EGO (0508 000 346)** any time you have questions or warranty claims.

LIMITED SERVICE WARRANTY

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

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

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

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

HOW TO OBTAIN SERVICE

For warranty service, please contact EGO customer service on Australia 1300 000 EGO(1300 000 346), New Zealand 0508 000 EGO (0508 000 346). When requesting warranty service, you must present the original dated sales receipt. An authorised service center will be selected to repair the product according to the stated warranty terms.

ADDITIONAL LIMITATIONS

Chervon Australia Pty Ltd ABN 36 165 077 501("Chervon") warrants to the original domestic purchaser that this product will be free from defects in materials and workmanship for 5 years from date of purchase, and any battery or charger will be free from defects in materials and workmanship for 3 years from date of purchase. To make a claim, return the faulty item together with proof of purchase directly to your closest service agent or to the place of purchase.

Any handling and transportation costs (and other expenses incurred in claiming this warranty) are not covered by this warranty and will not be borne by Chervon. The replacement product or part or repaired product will be made available for your collection at an address nominated by Chervon. Where a valid warranty claim is made, Chervon will replace the defective product or repair the fault. Where the product is repaired, Chervon may use refurbished parts. This warranty does not cover normal wear and tear, misuse or abuse. This warranty may also be further limited or voided as specifically detailed in the product Manual. Chervon has no other liability under this warranty. The benefits to you given by this warranty are in addition to other rights and remedies imposed by State and Federal

legislation that cannot be excluded. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. Chervon Australia Pty Ltd, Unit 14, 5 Kelletts Road, Rowville, VIC 3178.

Phone Number: Australia 1300 000 EGO(1300 000 346), New Zealand 0508 000 EGO (0508 000 346).

Email address: support@egopowerplus.com.au.