

AEG

ALM58SP24
A58LMWSP282
ALM58SP

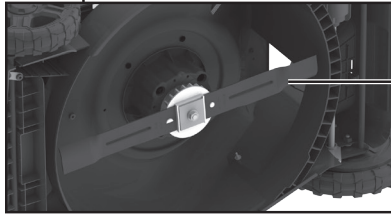
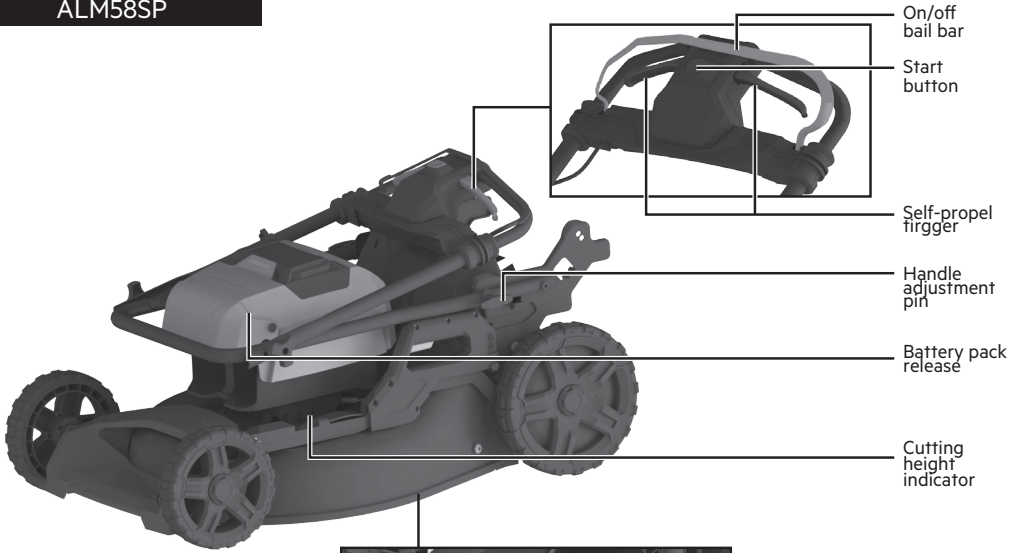
Original instructions

Important!

It is essential that you read the instructions in this manual before assembling, operating, and maintaining the product.

Subject to technical modifications.

ALM58SP



Bar blade



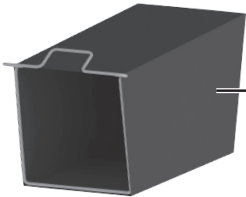
Operator's manual



Mulch plug



Safety key



Grass catcher

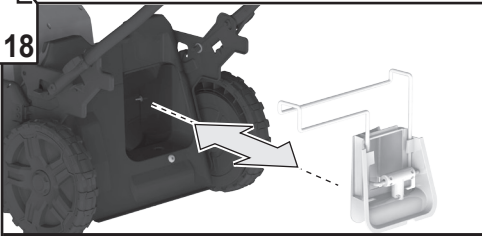
ALM58SP24
A58LMWSP282



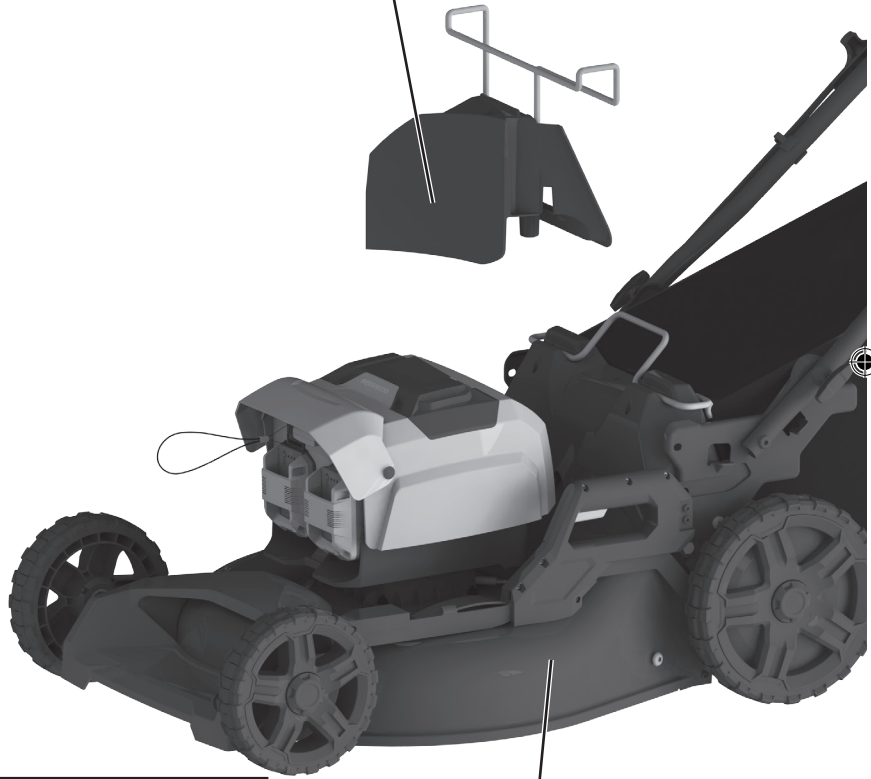
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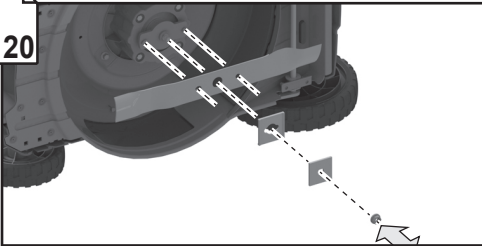
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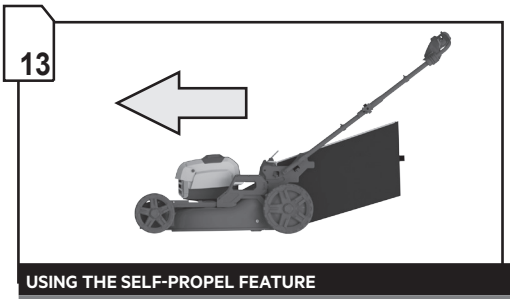
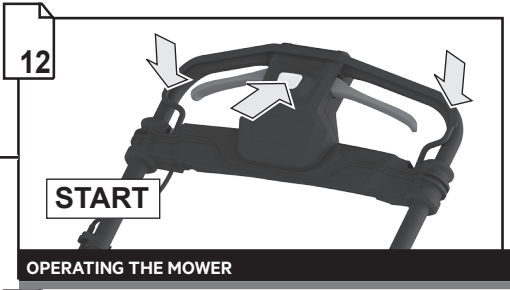
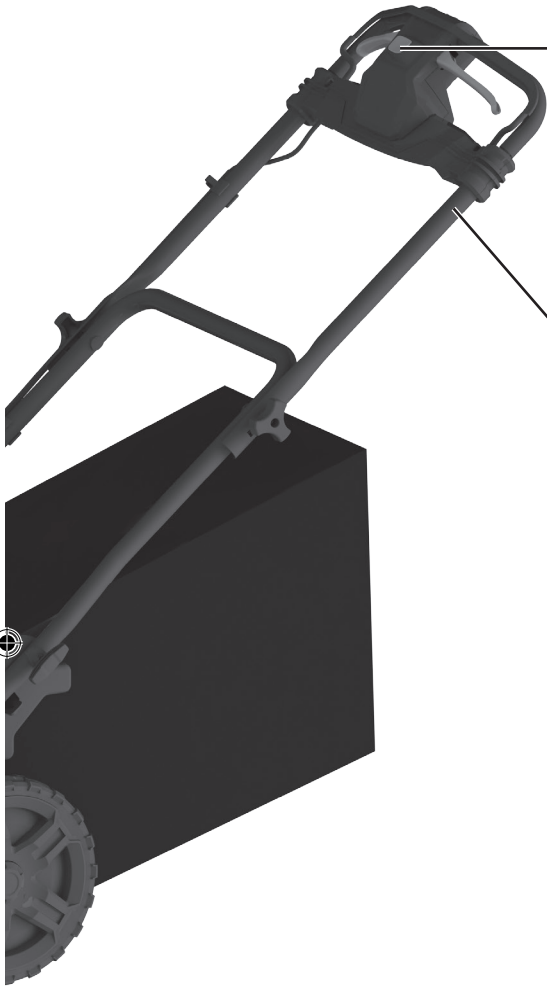
INSTALLING AND REMOVING THE MULCH PLUG

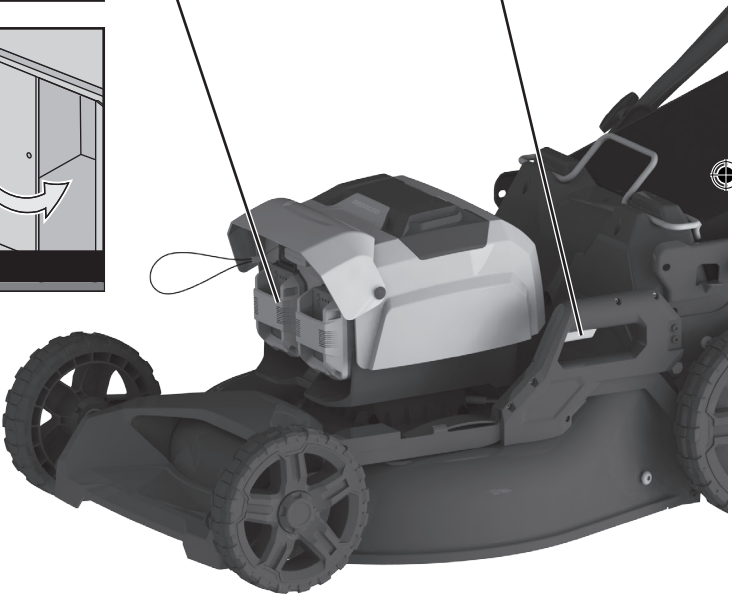
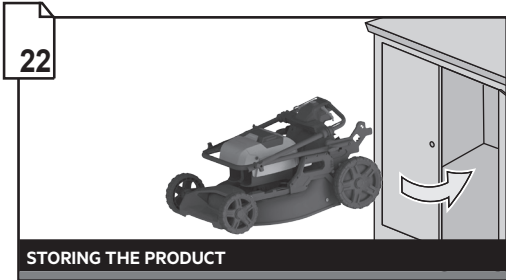
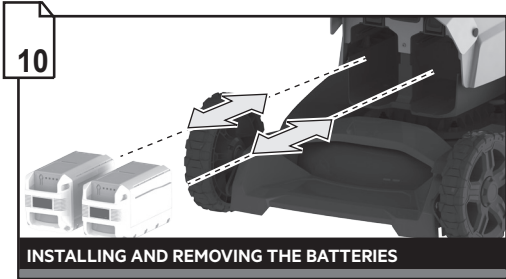
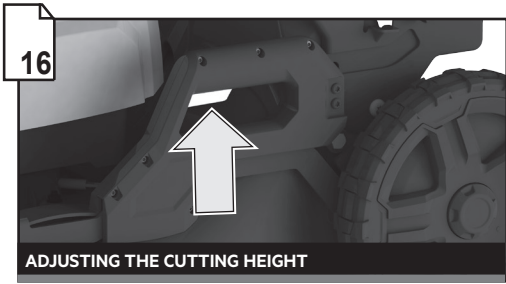


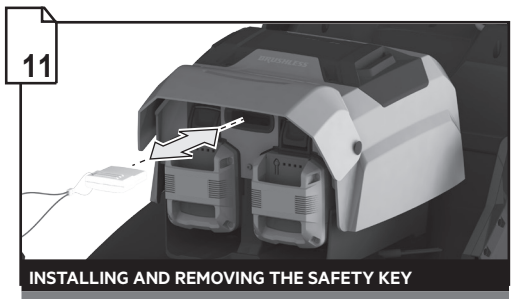
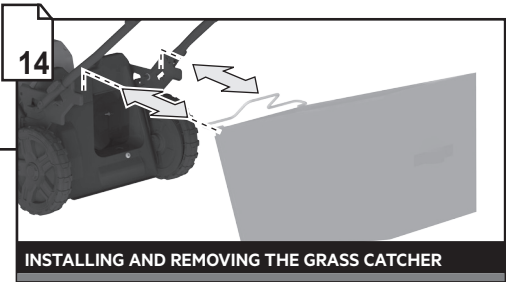
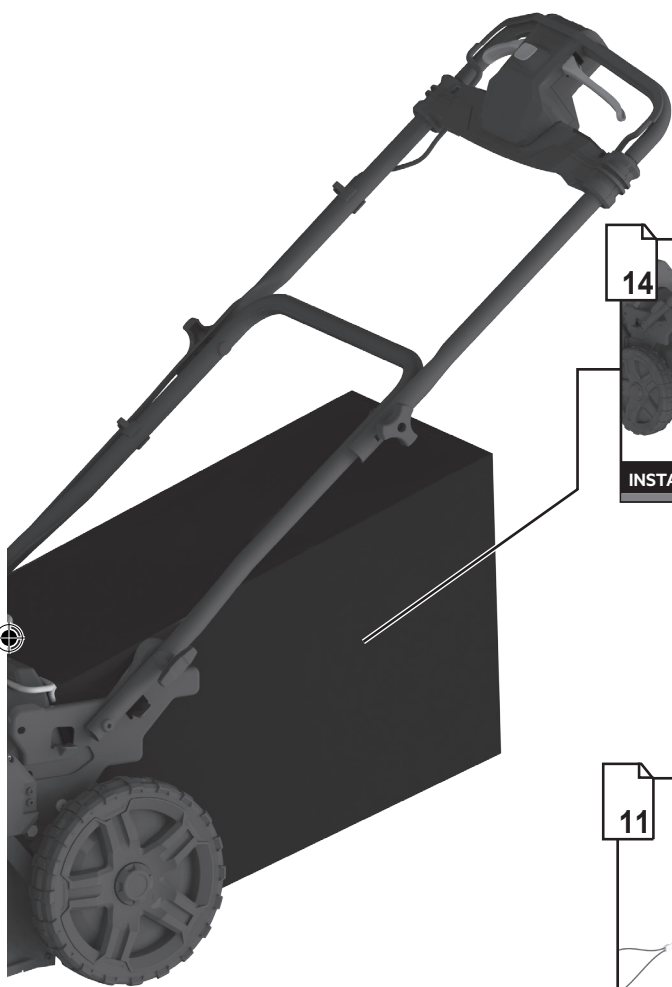
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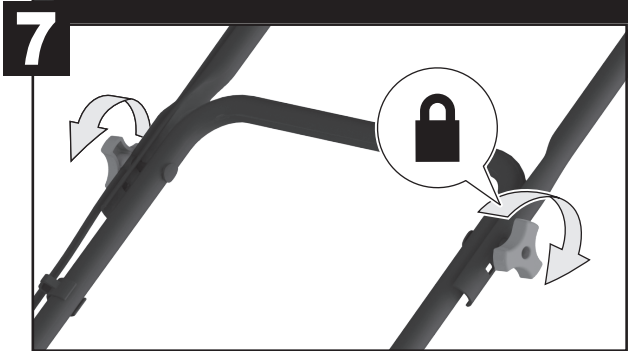
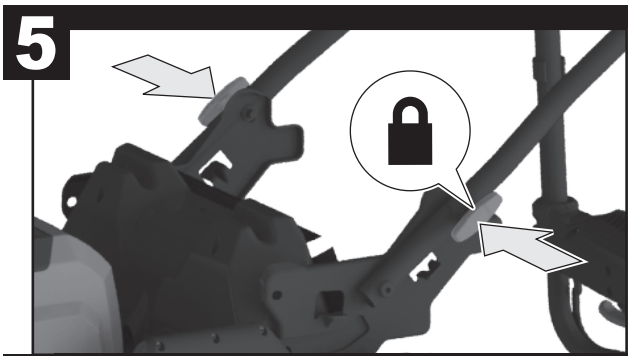
REPLACING THE BLADE

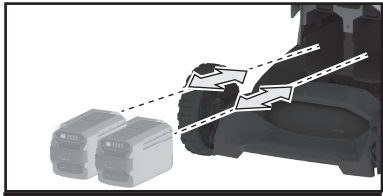






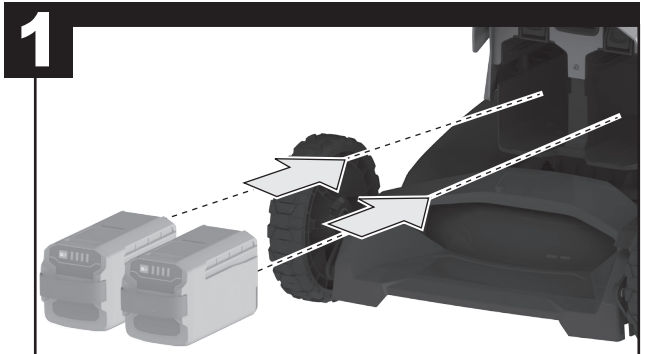




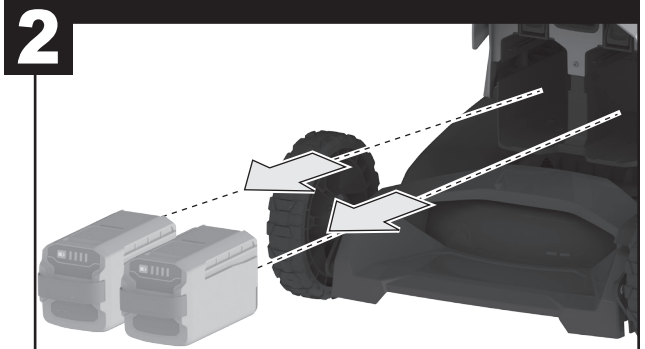
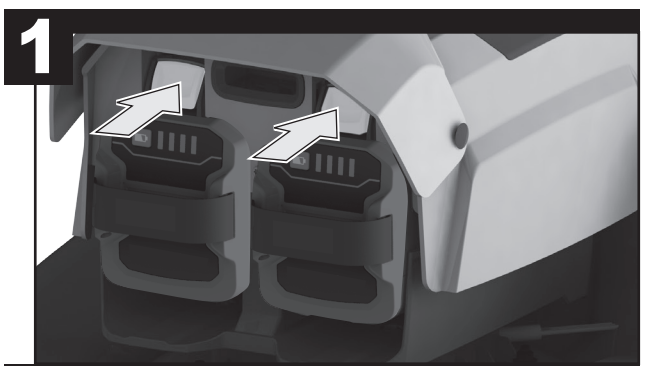


INSTALLING AND REMOVING THE BATTERY PACKS

NOTE: Every time the mower starts, it checks capacity of the battery packs. During operation, the mower draws power from the battery pack that has the higher capacity.

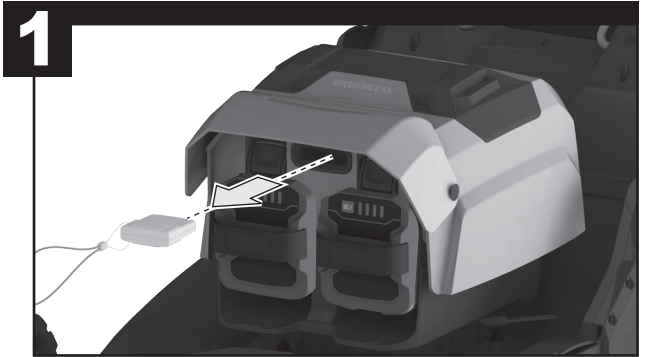
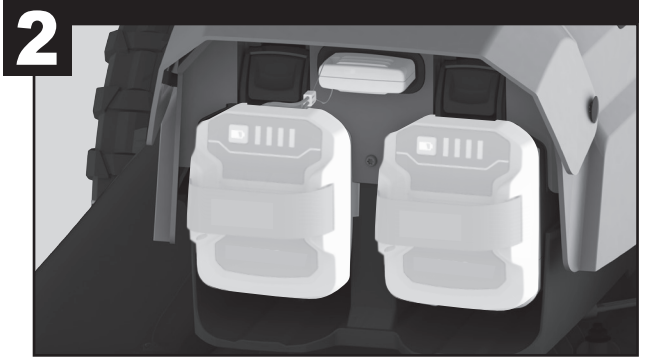
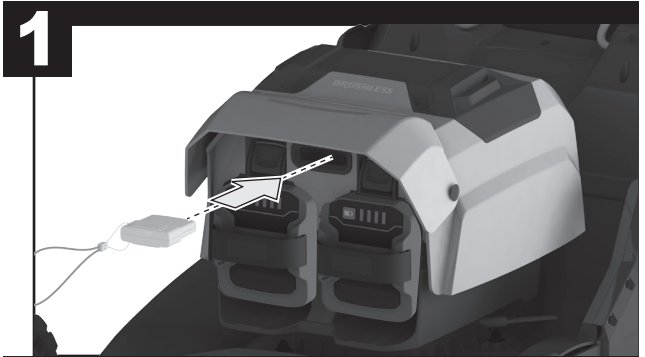


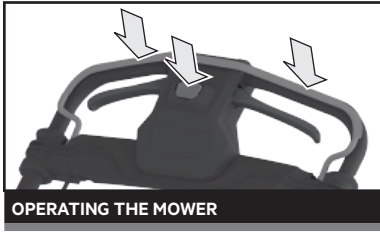
NOTE: The mower can run on either 1 battery or 2 for extended runtime.



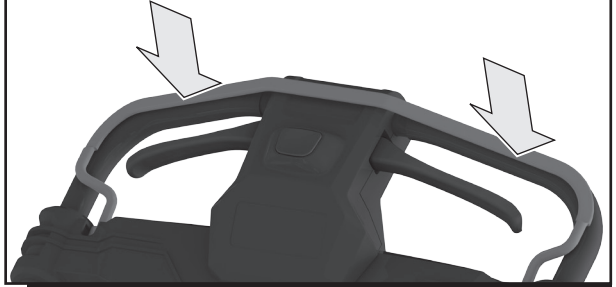


NOTE: The safety key must be installed to operate the mower.

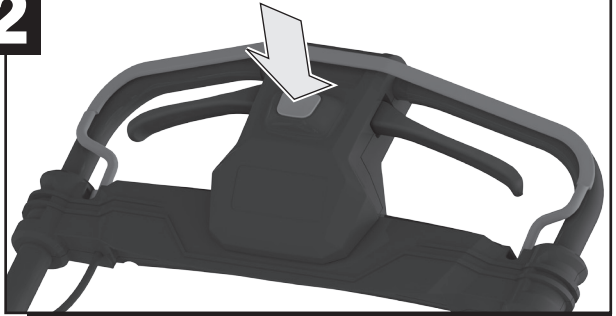




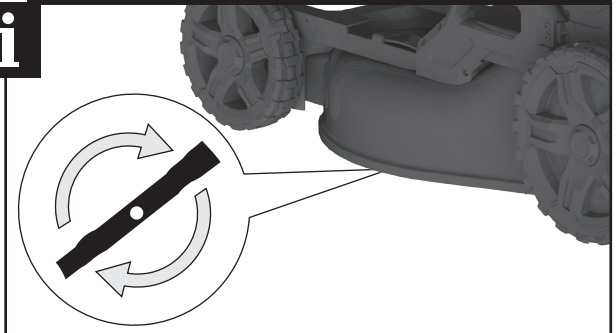
START



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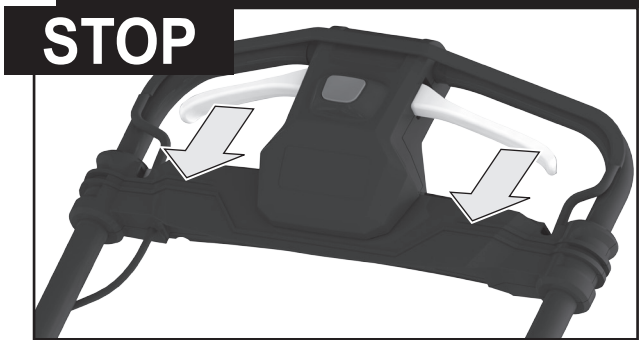
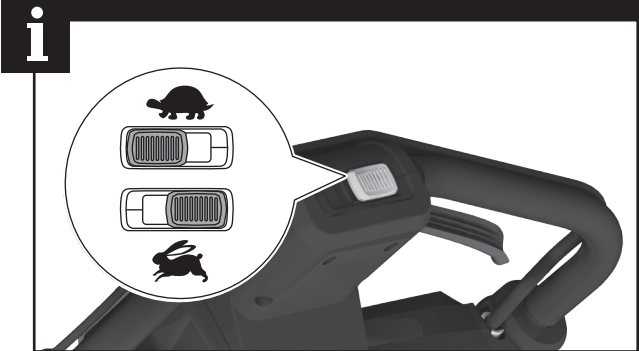
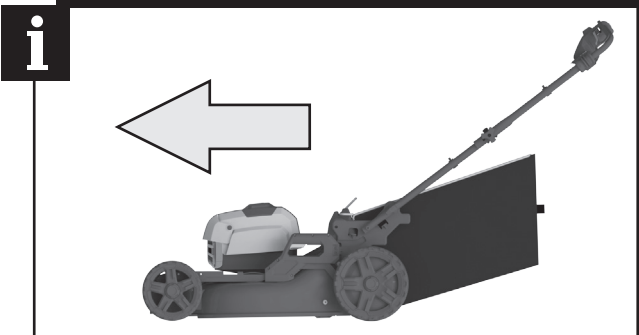
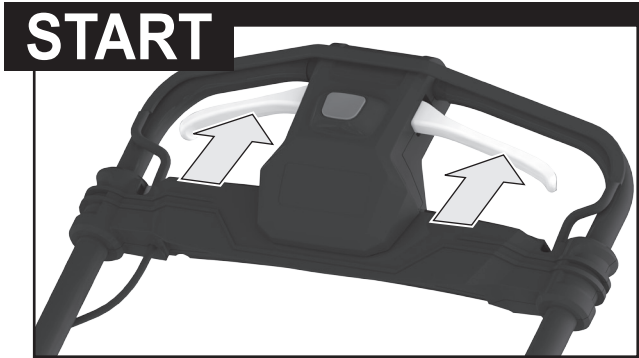
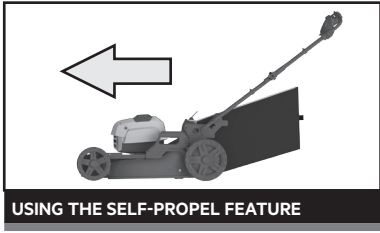


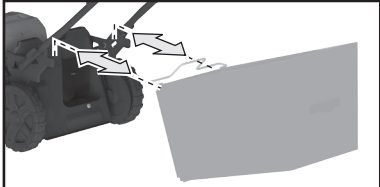
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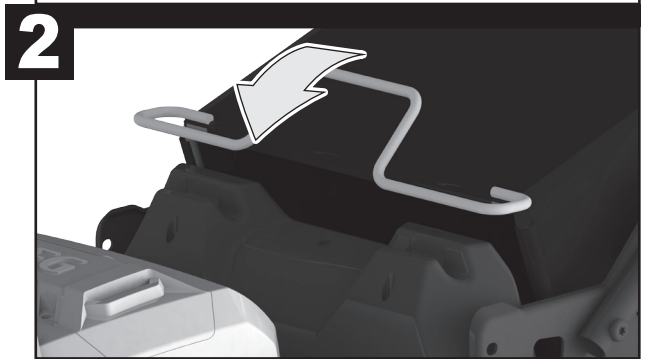
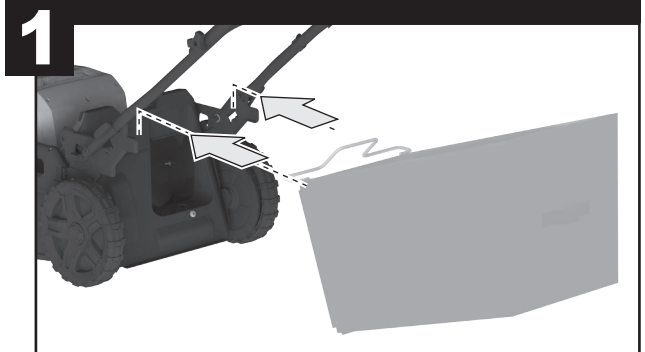
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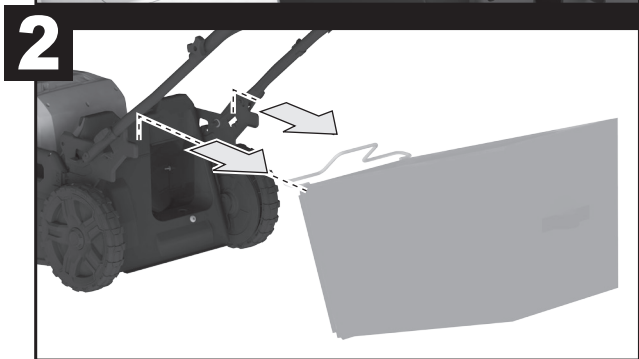
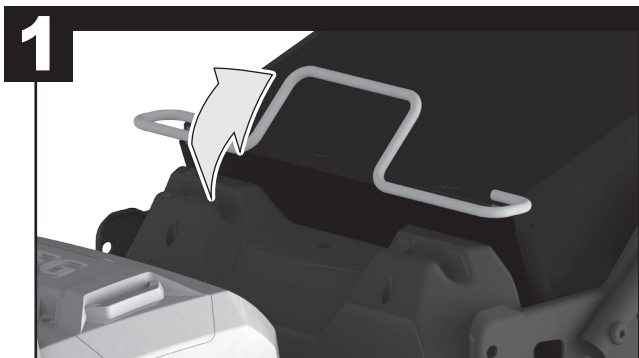


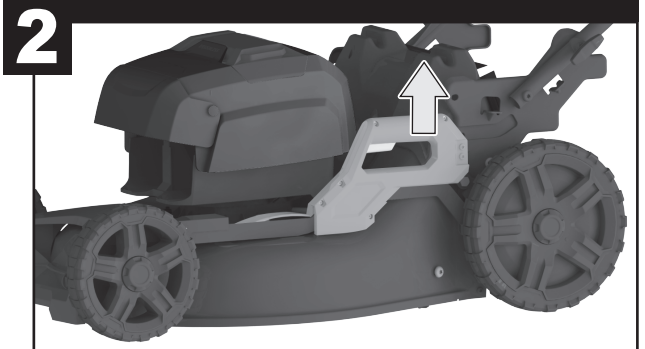
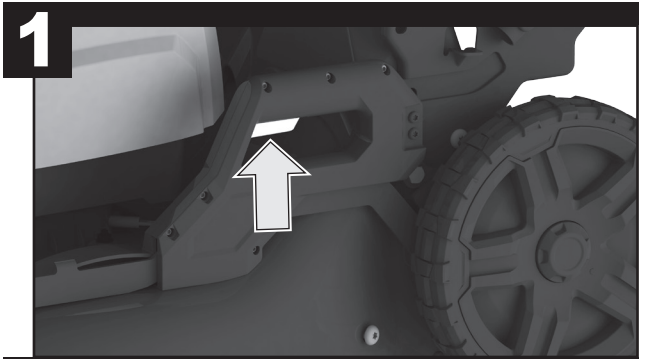
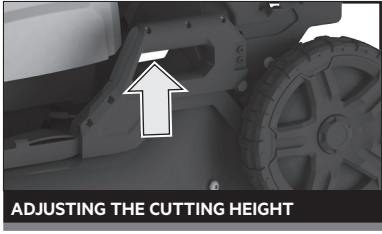


INSTALLING AND REMOVING THE GRASS CATCHER

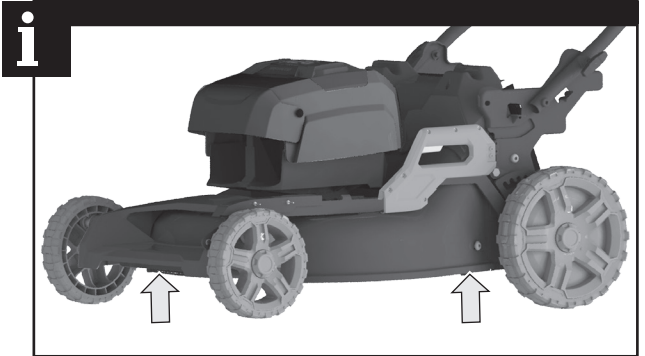
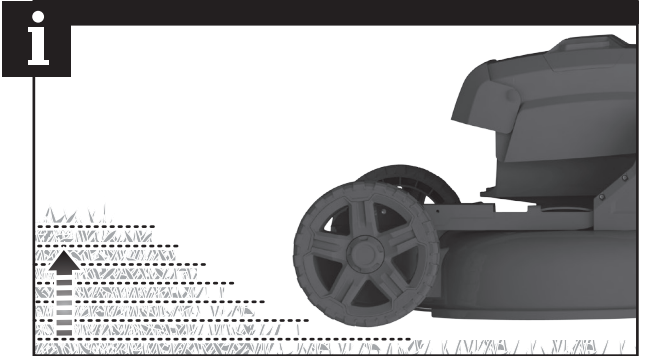


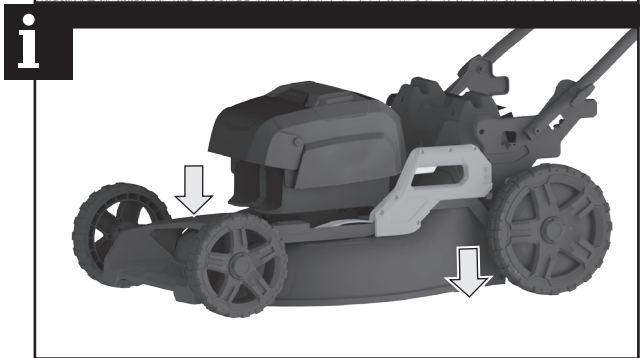
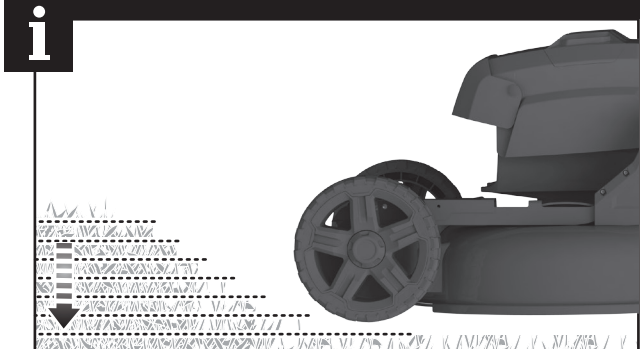
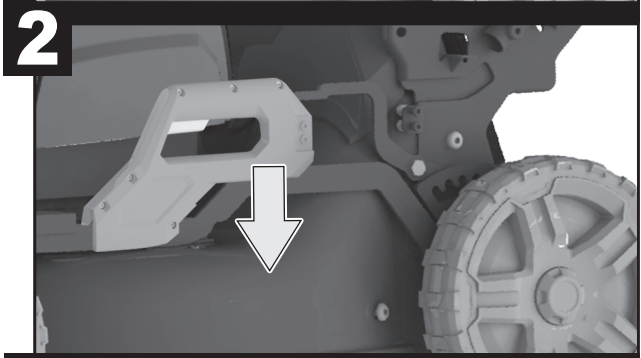
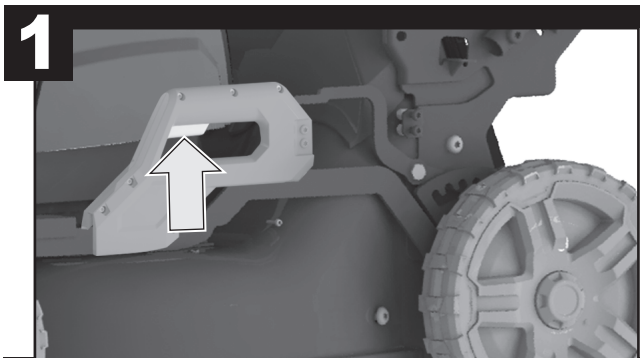
NOTE: The mower does not start unless the grass catcher is properly installed. The grass catcher/mulch plug frame slot has 2 microswitches that activate and allow the mower to start when the grass catcher or mulch plug is installed.

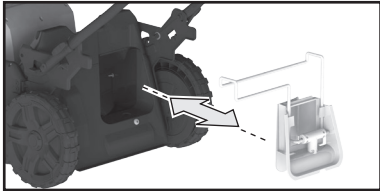




NOTE: The mower height cutting range is 18-75 mm.



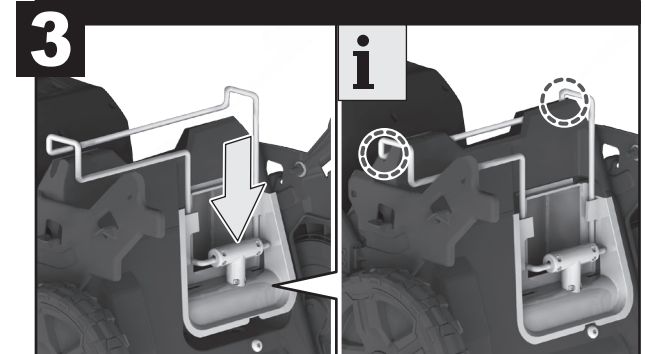
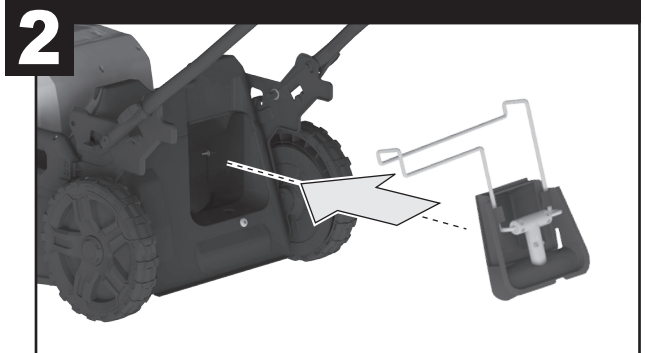
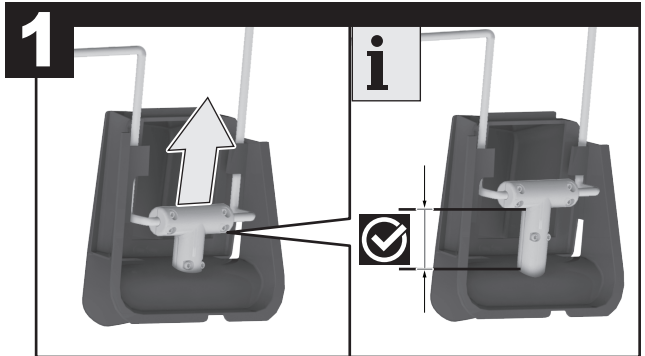


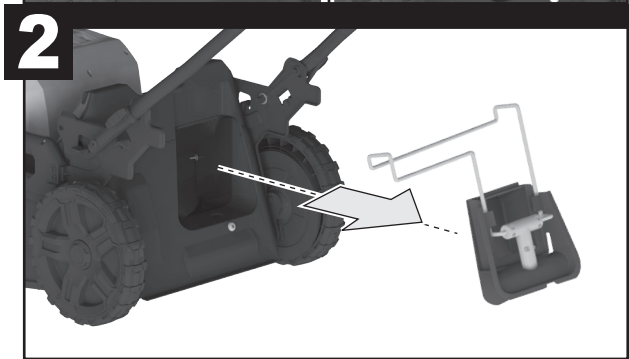
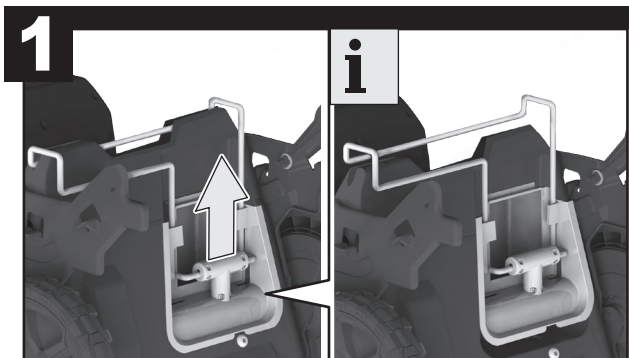


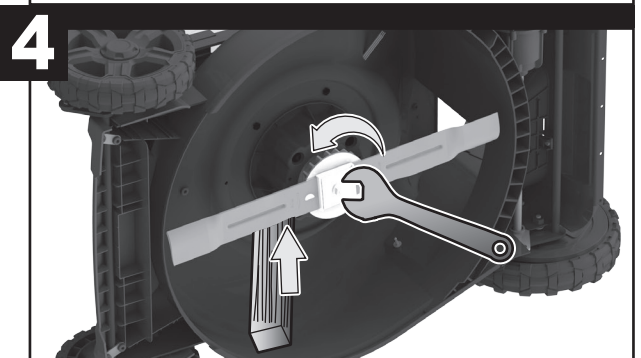
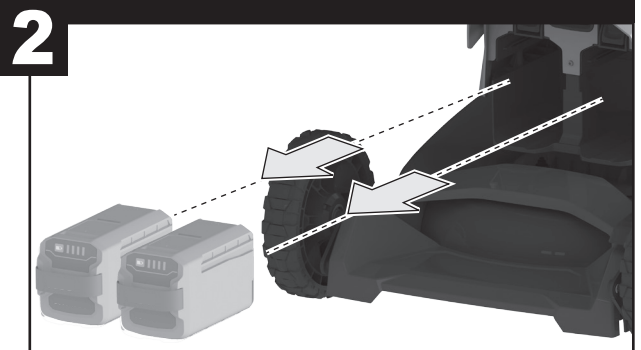
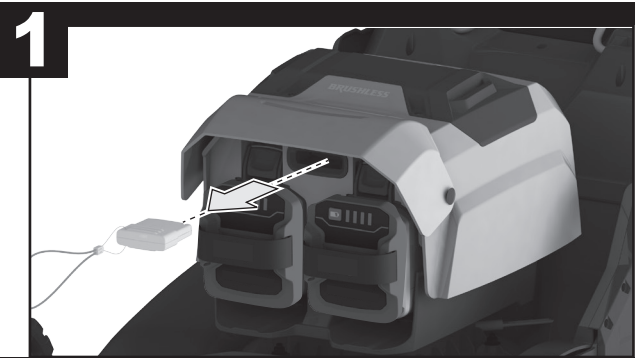
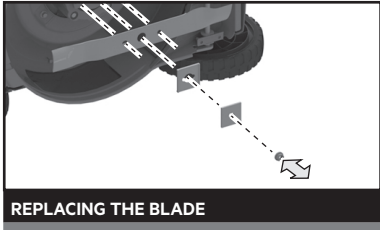
INSTALLING AND REMOVING THE MULCH PLUG

1. Pull the mulch plug handle to its maximum length.
2. Insert the mulch plug assembly into the rear discharge chute, ensuring that the metal frame is properly aligned with its slot.
3. Push down on the mulch plug handle until the metal frame is fully inserted into its slot.

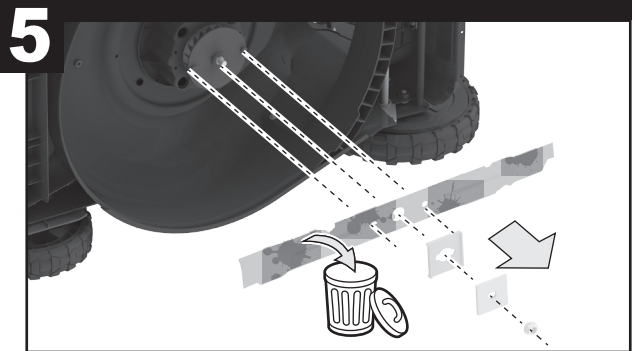
NOTE: The mower does not start unless the mulch plug is properly installed. The grass catcher/mulch plug frame slot has 2 microswitches that activate and allow the mower to start when the grass catcher or mulch plug is installed.



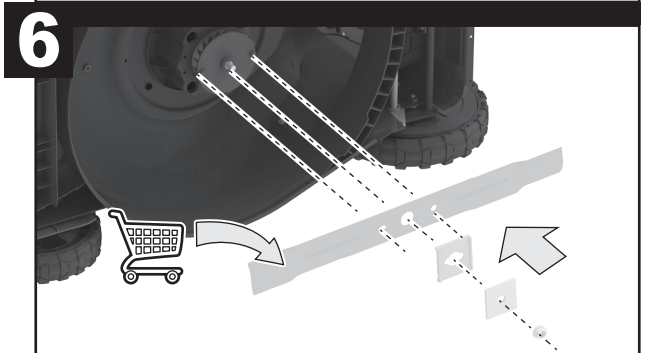




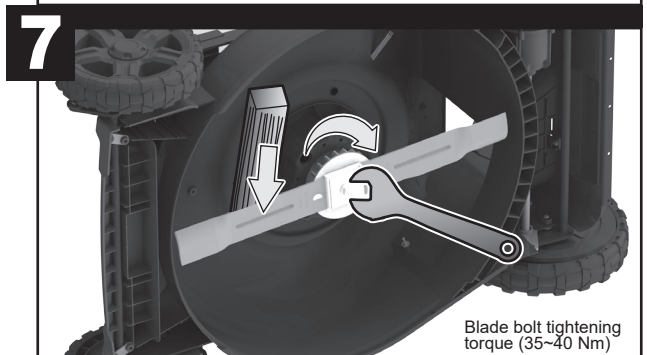
NOTE: Always properly dispose of a used blade.

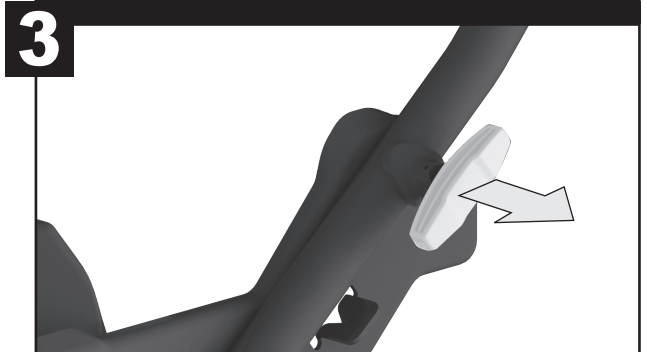
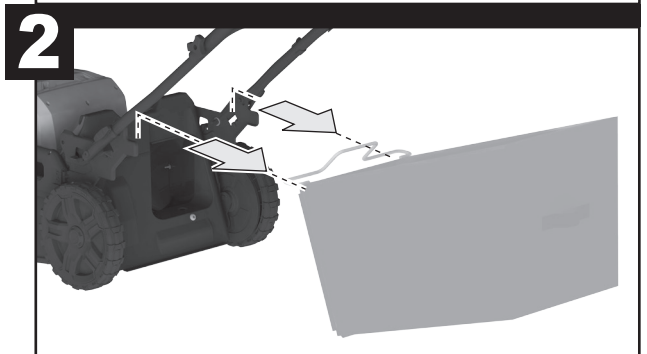
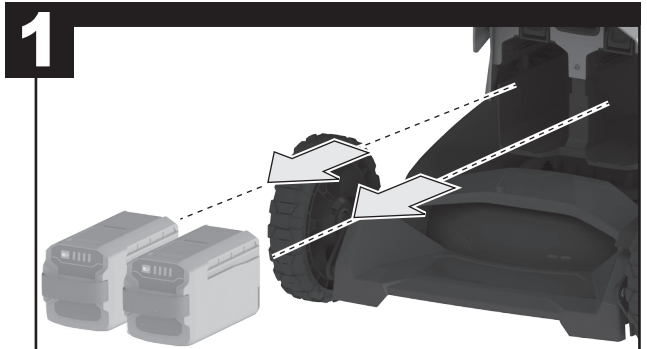
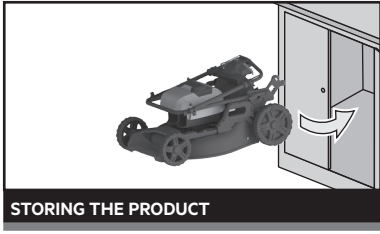


NOTE: For the replacement blade part number, see the specifications table.

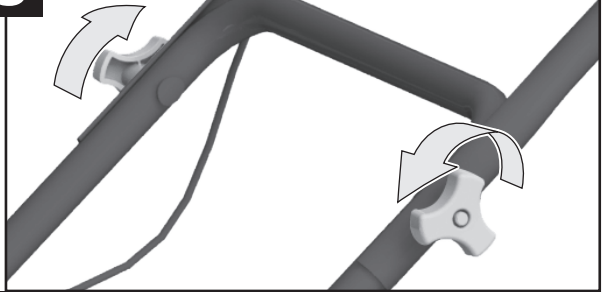


NOTE: Tighten the blade bolt to a torque of 35-40 Nm.





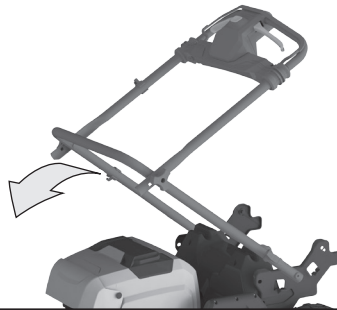
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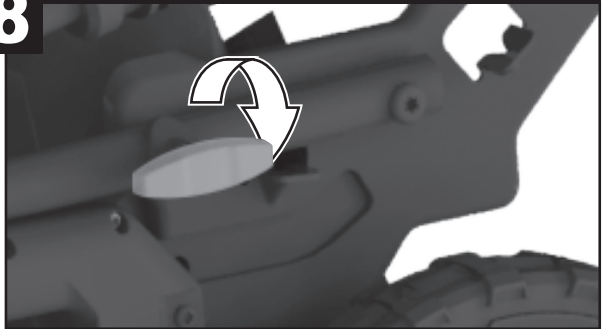
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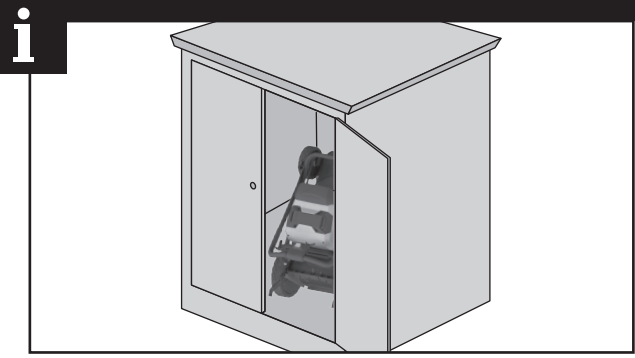
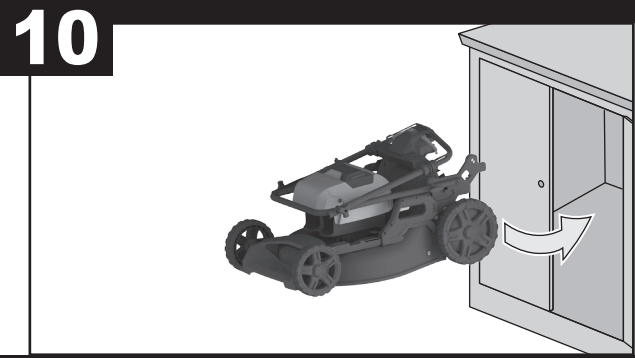


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NOTE: Store the product in a cool, dry, and well-ventilated area that is inaccessible to children. Keep the product away from corrosive agents, such as garden chemicals and de-icing salts. Do not store the product outdoors.



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TECHNICAL DATA **CORDLESS LAWNMOWER**

ALM58SP

Rated voltage	58 V d.c.
Width of cut	52.5 cm
Height of cut	18 - 75 mm
Rated input	1200 W
No-load speed	2650/min
Weight (without battery)	34.6 kg
Weight (with x 2 heaviest battery packs)	38.2 kg
Grass catcher capacity	70 L
Blade bolt tightening torque	35-40 Nm
Blade length	52.5 cm
Cutting capacity	52.5 cm
Noise level (according to EN 60335-2-77 Annex GG)	
A-weighted sound pressure level at the operator position	$L_{pA} = 81.0 \text{ dB(A)}$
Uncertainty	$K = 3.0 \text{ dB}$
A-weighted sound power level	$L_{WA} = 93.6 \text{ dB(A)}$
Uncertainty	$K = 3.0 \text{ dB}$
$L_{WA} + K_{WA}$	97 dB(A)
Vibration level (according to EN 60335-2-77 Annex FF)	
Uncertainty	$a_n = 0.1 \text{ m/s}^2$
	$K = 1.5 \text{ m/s}^2$

⚠ WARNING!

The declared vibration value has been measured with a standard test method and may be used to compare one tool with another. The declared vibration value may be used in a preliminary assessment of exposure.

The vibration emission during actual use of power tool can differ from the declared total value depending on the ways in which the tool is used. Identify safety measures to protect yourself based on an estimation of exposure in the actual conditions of use, taking account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time.

BATTERY AND CHARGER			
Model	A58LMWSP282	ALM58SP24	ALM58SP
Battery pack	A58BAT18	A58BAT14 x 2	-
Charger	ABC58S	ABC58S	-
Compatible battery packs	ABP58LI-401, A58BAT14		

REPLACEMENT PART	
Blade	682282004
Mulch plug	314362004
Grass catcher	314361004

INTENDED USE

The cordless lawnmower is intended for outdoor use only.
 The product is designed for domestic lawn mowing. It is a pedestrian-controlled walk-behind mower designed to be pushed by hand or used with the self-propel feature.
 The product should never be operated with the wheels off the ground. It should not be pulled or ridden on.
 Do not use the product for any other purpose.

GENERAL SAFETY WARNINGS

Keep the instructions safe for later use.

The product should be operated only with the battery packs specified in this manual. When using a battery-operated product, basic safety precautions should always be followed to reduce the risk of fire, leaking batteries, and personal injury.

PERSONAL SAFETY

Never allow children or people with reduced physical, sensory, or mental capabilities, or persons who are not familiar with these instructions to operate, clean, or maintain the product. Local regulations may restrict the age of the operator. Children should be adequately supervised to ensure that they do not play with the product.

Be familiar with the controls and the correct use of the product.

Wear heavy, long trousers, long sleeves, and sturdy anti-slip footwear. Do not wear short trousers, sandals, or go barefoot. Avoid wearing clothing that is loose-fitting or that has hanging cords or ties.

Use the product across the face of slopes; never up and down. Exercise extreme caution when changing direction on slopes. Keep firm footing and balance. Walk; never run.

Do not use the product near drop-offs, ditches, excessively steep slopes, or embankments.

Always wear safety glasses.

The product is capable of amputating hands and feet, and of throwing objects. Failure to observe all safety instructions could result in serious injury or death.





Stay alert, watch what you are doing, and use common sense when operating the product. Do not operate the product while tired, ill, or under the influence of drugs, alcohol, or medication. A lapse in concentration while operating the product may result in serious personal injury.

WORK AREA SAFETY

Never use the product while people, especially children, or pets are within 15 m because of the danger of objects being thrown by contact with the blade.

Always use the product in daylight or with good artificial light.

Do not operate the product on wet grass or in the rain.

Keep in mind that the operator or user is responsible for accidents or hazards occurring to other people or their property.

Objects struck by the lawnmower blade can cause severe injuries to persons. Thoroughly inspect the area where the product is to be used, and remove all rocks, sticks, metal, wire, bones, toys, or other foreign objects. Remember, string or wire may entangle with the cutting means.

Do not operate the product in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. The product creates sparks, which may ignite dust or fumes.

Do not use the product when there is a risk of lightning.

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

Use extra care when approaching blind corners, shrubs, trees, or other objects, including overhanging shrubs, which may block your view.

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 behaviour 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.

CORDLESS LAWNMOWER SAFETY WARNINGS

Before use, always visually inspect the product to ensure that blades, blade bolts, and cutter assembly are not worn or damaged.

Replace worn or damaged blades and bolts in sets to preserve balance.

Bring the product to an authorised service centre to replace damaged or unreadable labels.

Replace worn or damaged parts before operating the product.

Do not pull the product backwards unless absolutely necessary. If you must back the product away from a wall or obstruction, first look down and behind to avoid tripping or pulling the product over your feet.

Turn off the product and allow the blade to stop if the product has to be tilted for transportation when crossing surfaces other than grass, and when transporting the product to and from the work area.

Never use the product with defective guards or shields, or without safety devices, such as deflectors and grass catchers, in place.

Do not tilt the product when turning on the motor or while the motor is running. If absolutely necessary, you may raise the front of the product by no more than 5 cm to enable easier starting. Press down on the handlebar to achieve this. Always return the product to its normal position with all wheels on the ground before cutting. Tilting the product exposes the blade and increases the probability of objects being thrown and accidentally making contact with the blade.

Ensure that the isolator key is removed before inserting the battery pack.

Turn on the product carefully according to instructions, and keep hands and feet away from the blades. Do not put hands or feet near or under rotating parts.

Never pick up or carry the product while it is running.

Turn off the product, and remove the isolator key and the battery pack. Make sure that all moving parts have come to a complete stop:

- whenever leaving the product unattended (including disposal of grass clippings)
- before clearing blockages or unclogging the discharge chute
- before checking, cleaning, or working on the product
- before removing the grass catcher or opening the grass discharge chute cover
- after striking a foreign object; inspect the product for damage and make repairs as necessary before restarting and operating the product
- if the product starts to vibrate abnormally (check immediately)
 - inspect for damage, particularly the blades
 - replace or repair any damaged parts
 - check for and tighten any loose parts

The cutting blade should rotate approximately parallel to the ground over which it is being wheeled.

The blade on the product is sharp. Use extreme caution, and wear heavy-duty gloves when fitting, replacing, cleaning, or checking bolt security.

Frequently check the grass catcher for wear, holes, or deterioration.

The product must be started with the user behind the handlebars in the operator safety zone. Never start the product if:

- The grass discharge chute is exposed and is not protected by the grass catcher and grass discharge chute cover.





- Hands and feet of all persons are not clear of the cutting enclosure.

Never operate the product if the on/off switch on the handlebar does not properly start and stop the product.

Never attempt to lock the on/off switches in the on position; this is extremely dangerous.

Do not force the product. It will do the job better and safer at the speed for which it was designed.

Stop the blade when crossing gravel surfaces.

Avoid holes, ruts, bumps, rocks, property stakes, or other hidden objects. Uneven terrain could cause a slip-and-fall accident.

Always ensure that the motor control cable is never trapped, pinched, or otherwise damaged during assembly or when folding the handle.

Injuries may be caused, or aggravated, by prolonged use of the product. When using the product for prolonged periods, ensure to take regular breaks.

ADDITIONAL BATTERY SAFETY WARNINGS

To reduce the risk of fire, personal injury, and product damage due to a short circuit, never immerse the tool, battery pack, or charger in fluid or allow fluid to flow inside them. Corrosive or conductive fluids, such as seawater, certain industrial chemicals, and bleach or bleach-containing products, etc., can cause a short circuit.

OVERLOAD, OVERHEAT, AND TILT PROTECTION

The product has an overload protection device. When overloading is detected, the product automatically turns off. If the overload protector is actuated, release the on/off bail bar. Press the start button, and squeeze the on/off bail bar to restart the product. If the product still does not start, reinstall the battery pack.

The battery pack has overheat protection. Excessive temperatures causes the battery to stop powering the product. If the battery pack is too warm, allow it to cool down before resuming operation. If the product still does not work, recharge the battery.

NOTE: The battery pack LED indicator stops working if the battery protection feature has caused the battery pack to stop powering the product. Turn off the product or remove the battery pack from the product, and the battery pack LED indicator will resume normal function.

The tilt protection function stops the product if the it is tilted beyond 45°, for about 7 seconds. The product will not function if the tilt angle limit is exceeded or if the product is in the vertical storage position.

TRANSPORTATION AND STORAGE

Turn off the product, and remove the isolator key and the battery pack. Make sure that all moving parts have come to a complete stop. Allow the product to cool down before storing or transporting.

Remove all foreign materials from the product. Store the product in a cool, dry, and well-ventilated place that is inaccessible to children. Keep the product away from corrosive agents such as garden chemicals and de-icing salts. Do not store the product outdoors.

For transportation in vehicles, remove the isolator key, and secure the product against movement or falling to prevent injury to persons or damage to the product.

Use extreme caution when lifting or tilting the product for maintenance, cleaning, storage, or transportation. The blade is sharp. Keep all body parts away from the blade while it is exposed.

TRANSPORTING LITHIUM BATTERIES

Transport the battery in accordance with local and national provisions and regulations.

Follow all special requirements on packaging and labelling when transporting batteries by a third party.

Ensure that no batteries can come in contact with other batteries or conductive materials while in transport by protecting exposed connectors with insulating, non-conductive caps or tape. Do not transport batteries that are cracked or leaking. Check with the forwarding company for further advice.

MAINTENANCE

Use only original manufacturer's replacement parts, accessories, and attachments. Failure to do so can cause possible injury, can contribute to poor performance, and may void your warranty.

Servicing requires extreme care and knowledge and should be performed only by a qualified service technician. Have the product serviced by an authorised service centre only.

Turn off the product, and remove the isolator key and the battery pack. Make sure that all moving parts have come to a complete stop before any cleaning or maintenance task.

Replace worn or damaged parts for safety.

Frequently check the grass catcher for wear or deterioration.

Check all nuts, bolts, and screws at frequent intervals for proper tightness to ensure that the product is in safe working condition.

Be careful during adjustment of the product to prevent entrapment of the fingers between moving blades and fixed parts of the product.

When servicing the blades, be aware that even though the power source is turned off, the blades can still be moved.

Replace damaged blades and bolts in sets to preserve balance.

You may make adjustments and repairs described in this manual. For other repairs, have the product serviced by an authorised service centre only.

After each use, clean the plastic parts with a soft, dry cloth. Any part that is damaged should be properly repaired or replaced by an authorised service centre.

The blade on the product is sharp. Use extreme caution, and wear heavy-duty gloves when fitting, replacing, cleaning, or checking bolt security.

The blade bolts must be adequately tightened. See the manufacturer's recommendations for blade bolt torque, which can be found in the product specification table in this manual.

CLEARING BLOCKAGES

Turn off the product, and remove the isolator key and the battery pack. Make sure that all moving parts have come to a complete stop.

Always wear heavy-duty gloves when checking or clearing a blockage. The blades are sharp, and the blockage itself could be a sharp object.

Remove the grass catcher. Check and carefully clear the grass catcher for obstructions.

Check and carefully clear the grass discharge chute for clear blockages.

Turn the product on its side. Check its underside and the area around the blade. Carefully remove any blockages. Remember that the blade may move during cleaning.



SYMBOLS



Read and understand all instructions before operating the product. Follow all warnings and safety instructions.



Wear ear protection.



Wear eye protection.



Do not operate the product on inclines greater than 15°. Mow across the face of slopes, never up and down.



Do not expose the product to rain or damp conditions.



Beware of thrown or flying objects. Keep all bystanders, especially children and pets, at least 15m away from the operating area.



Beware of sharp blades. Blades continue to rotate after the motor is switched off – Remove the start key before maintenance.



Guaranteed sound power level



Regulatory Compliance Mark (RCM). Product meets applicable regulatory requirements.



Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.







AEG

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