



**SPEAR &
JACKSON**

ORIGINAL INSTRUCTION MANUAL

40V

42CM CORDLESS MOWER WITH 2 BATTERIES

S4042X2CR



**Important - Please read these instructions
fully before starting assembly**

These instructions contain important information that will help you get the best from your mower, ensuring it is assembled correctly and safely. If you need help or have any missing parts call After Sales Support on 0345 605 2068

**AFTER SALES SUPPORT
0345 605 2068**

SPEAR & JACKSON SINCE 1760

For more than 250 years gardeners have enjoyed high quality performance and great results using Spear & Jackson tools.

Our garden power tools combine continuous innovation and the latest in manufacturing technologies with a proud heritage.

Each product is carefully designed with performance, comfort and durability firmly in mind, which has earned Spear & Jackson an enviable reputation as a maker of tools to trust.

3 YEARS GUARANTEE

As a testament to the quality of our products, we offer a 3 year manufacturers warranty and a comprehensive after sales service.

The warranty covers manufacturing faults, however in the event that the item has been deliberately damaged, used in a commercial environment or disassembled then the warranty will be null and void.

Please retain proof of purchase.

TECHNICAL SUPPORT

We want you to get the best out of your products. Our easy-to-read instruction manual guides you with best practice use and maintenance tips. Please call **0345 605 2068** for after sales support, we can solve around 80% of questions directly over the phone.

We hope you enjoy your product and we look forward to any feedback, as this allows us to develop even better products for the future.

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WARNING SYMBOLS

The following warning symbols appear throughout this manual and on the product. They indicate the appropriate safety measures you should take when assembling and operating the machine. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the product better and safer.



Take extra care, beware of hazards.



Read the Operator's Manual.



Pay attention to ensure bystanders are not injured by objects or debris thrown out from the machine.



Keep bystanders a safe distance away from the machine.



Beware of sharp blades. Blades may continue to rotate after the motor is switched off. Beware of injury to toes or fingers.



Switch off and remove the isolator key before adjusting, cleaning or before leaving the product unattended for any period.



Wear eye and ear protection.



Do not expose, store or operate the equipment in damp environments. Do not work in the rain and do not cut wet grass.



Wait until all moving parts have stopped completely before touching them. The blade may continue to rotate after the machine is switched off, a rotating blade can cause injury.



WARNING! Beware of electric shocks.



Protection class II (Double insulation)



Batteries contain Lithium-ion. Do not dispose of batteries in household waste.



Do not dispose of batteries in fire.



Do not dispose of batteries or immerse in water.

WARNING SYMBOLS



Do not subject the battery to direct sunlight over long periods and do not leave it on or near a heat source (max. 60°C).



Recycle electrical waste products in an environmentally safe way where facilities exist.



Only use the battery charger indoors.



Fuse



Electrical appliances must not be disposed of with the domestic waste.

The following signal words and meanings are intended to explain the levels of risk associated with this product.



DANGER: Indicates an imminently hazardous situation, which, if not avoided, will result in death or serious injury.



WARNING: Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.



CAUTION: Indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury.

CAUTION: (Without Safety Alert Symbol) Indicates a situation that may result in property damage.



WARNING

To avoid serious personal injury, do not attempt to use this product until you read thoroughly and understand completely the operator's manual. If you do not understand the warnings and instructions in the operator's manual, do not use this product.

GENERAL SAFETY INFORMATION

IMPORTANT!

When using equipment, the following safety precautions must be followed to avoid injuries and damage:

- Read all operating instructions carefully and comply with them. It is important to understand these instructions and to acquaint yourself with the machine, its correct usage and all safety requirements.
- Keep this manual in a safe place so that the information is available to the operator at all times.
- If you give the equipment to any other person, give them these operating instructions as well.
- We accept no liability for damage or accidents which result from non-compliance with these instructions.

The device must not be used by people (including children) with limited physical, sensory or mental faculties or who lack the necessary experience and/or knowledge - other than they are supervised by a person

responsible for safety or are being instructed to operate the appliance by such a person. Children should be supervised to ensure that they do not play with the appliance.

- Read the instructions carefully. Be familiar with the controls and the correct use of the lawn mower.
- Never allow children or people unfamiliar with these instructions to use the mower. Local regulations may restrict the age of the operator.
- When not in use, store the mower out of reach of children and remove the battery pack and isolator key.
- Never operate the machine while people, especially children, or pets are nearby.
- Use extreme care when approaching blind corners, doorways, shrubs, trees, or other objects that may obscure your view of a child or animal that may run into the path of the mower.

GENERAL SAFETY INFORMATION

- Keep in mind that the operator or user is responsible for accidents or hazards occurring to other people or their property.
- While operating the mower always wear substantial footwear and long trousers. Do not operate the mower when barefoot or wearing open toed sandals. Avoid wearing clothing that is loose fitting or that has hanging cords or ties.
- Thoroughly inspect the area where the mower is to be used and remove all objects which can be thrown by the mower. Remove all stones, sticks, and other objects that could be tripped over or thrown by the blade. Thrown objects can cause serious personal injury.
- Before using, always visually inspect to see that the blade, blade bolt and the blade assembly are not worn or damaged. Replace worn or damaged components in sets to preserve balance. Replace damaged or unreadable labels.
- Operate the mower only in daylight or in good artificial light.
- Do not use the lawn mower in damp or wet conditions or operate in the rain.
- Working on sloping areas can be dangerous. Do not mow on excessively steep slopes. Always be sure of your footing on slopes or wet grass.
- Walk, never run.
- Mow across the face of slopes, never up and down.
- Exercise extreme caution when changing direction on slopes.
- Use extreme caution when reversing or pulling the mower towards you.
- Stay Alert: Do not operate the mower when you are tired. Pay attention to what you are doing.
- Do not operate the mower while under the influence of alcohol or drugs.
- Stop the blade(s) if the machine has to be tilted for transportation when

GENERAL SAFETY INFORMATION

crossing surfaces other than grass, and when transporting the machine to and from areas to be mowed.

- Never operate the mower with defective guards or shields, or without safety devices, for example deflectors and/or grass collector, in place.
- Switch on the motor carefully according to instructions and with feet well away from the blade(s).
- Do not tilt the machine when starting or switching the motor on, except if the machine has to be tilted for starting in long grass. In this case, do not tilt it more than absolutely necessary and tilt only the part, which is away from the operator. Always ensure that both hands are in the operating position on the handle before returning the machine to the ground.
- Do not start the mower when standing in front of the discharge opening.
- Do not put hands or feet

near or under rotating parts. Keep clear of the discharge opening at all times.

- Never pick up or carry the machine while the motor is running.
- Do not carry the machine with your finger on the switch.
- Do not overreach. Keep proper footing and balance at all times.
- Do not use a machine if the switch does not turn it on and off. Any machine that cannot be controlled with the switch is dangerous and must be repaired.
- In case any of the following situations occur, stop the mower and remove the battery pack and isolator key. Make sure that all moving parts have come to a complete stop:
 - Whenever you leave the mower,
 - Before clearing blockages or unclogging discharge chute,
 - Before checking, cleaning or working on the mower,

GENERAL SAFETY INFORMATION

- After striking a foreign object. Inspect the mower for damage and make repairs before restarting and operating the mower.
- If the mower starts to vibrate abnormally (check immediately):
 - inspect for damage,
 - replace or repair any damaged parts,
 - check for and tighten any loose parts.
- In order to avoid contact with the blade or injury caused by a thrown object, ensure you maintain a safe operating distance, and keep children and bystanders at least 15 m (50 ft.) away from the mower while it is in operation. Stop the motor immediately if someone enters the mowing area.
- Always wear proper eye protection in order to protect your eyes while operating or performing any adjustment or repair. Thrown objects that ricochet can cause serious eye injury.
- Do not hold on to the mower if you are falling. Release the handle immediately.
- Do not use the mower for any job except that for which it is intended. Do not force the mower.
- Do not put hands or feet near rotating parts or under the cutting deck. Contact with the blade can cause serious personal injury.
- Do not attempt to adjust the wheels or the cutting height while the motor is running.
- Avoid dangerous environments. Do not operate the mower in the rain or in wet or damp grass. Or run the mower in enclosed or poorly-ventilated rooms, or if there are flammable or explosive fluids, vapours or gases nearby.
- Stop the blade when crossing gravel driveways, walkways, or roads.
- Keep all nuts, bolts and screws tight to be sure and that the mower is in a safe condition for use.
- Check the grass collector

GENERAL SAFETY INFORMATION

frequently for wear or deterioration.

- Be careful during adjustment of the mower to prevent entrapment of fingers between moving blades and fixed parts of the machine.
- Always allow the mower to cool down before storing.
- Stop the mower, remove the safety key and battery, and wait until the blade comes to a complete stop before removing the collection bag or carrying out maintenance. The cutting blade will continue to rotate for a few seconds after the motor is shut off. Do not place any part of your body in the blade area until you are sure that the blade has stopped rotating.
- Never operate mower without correct safety devices in place and in working order. Do not operate the mower with damaged safety devices. Doing so can result in injury.
- Ensure that the isolator key

is not installed when the mower is not in use. This prevents accidental starting of the machine.

- Replace worn or damaged parts for safety. Use only genuine replacement parts and accessories.
- Always be alert when using the machine, so that you can recognise and handle risks early. Fast intervention can prevent serious injury and damage to property.
- Switch off and remove the battery and isolator key if there is any malfunction. If necessary have the machine checked by a qualified specialist and repaired before you operate it again.
- **WARNING!** Even if you are operating the machine in accordance with all safety requirements, potential risks of injury and damage remain. The following dangers can arise in connection with the structure and design of this machine:
 - Health defects resulting

GENERAL SAFETY INFORMATION

from vibration emission if the machine is being used over long periods of time or not adequately managed and properly maintained.

- Injuries and damage to property due to broken application tools or sudden impact of hidden objects during use.
- **WARNING!** This machine produces an electromagnetic field during operation! This field may under some circumstances interfere with active or passive medical implants! To reduce the risk of serious or fatal injury, we recommend persons with medical implants to consult their doctor and medical implant manufacturer before operating this product!

SPECIFIC SAFETY INFORMATION

BATTERY SAFETY INFORMATION

CAUTION

Use only Spear & Jackson® approved replacement batteries; other batteries may cause injury or damage to the mower.

- 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. Incorrect use may result in electric shock, overheating or leakage of corrosive liquid from the battery.
- Use machines only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- Battery tools do not have to be plugged into an electrical outlet; therefore, they are always in operating condition. Be aware of possible hazards when not using your battery tool or when changing accessories. To reduce risk, remove the safety key and battery pack

from the machine while not in operation. This will reduce the risk of electric shock, fire or serious personal injury.

- Do not place appliances or their batteries near fire or heat. Continuous intense sunlight, fire or other heat sources may cause an increased danger of explosion.
- Do not crush, drop or damage the battery pack. Do not use a battery pack or charger that has been dropped or received a sharp blow. A damaged battery is subject to explosion. Properly dispose of a dropped or damaged battery immediately.
- Batteries can explode in the presence of a source of ignition, such as a pilot light. To reduce the risk of serious personal injury, never use any cordless product in the presence of an open flame. An exploded battery can propel debris and chemicals. If exposed, flush with water immediately.
- Do not charge battery in a damp or wet location. Following this rule will

SPECIFIC SAFETY INFORMATION

reduce the risk of electric shock.

- For best results, your battery tool should be charged in a location where the temperature is more than 4°C but less than 40°C.
- Under extreme usage or temperature conditions, battery leakage may occur. If liquid comes in contact with your skin, wash immediately with soap and water. If liquid gets into your eyes, flush them with clean water for at least 10 minutes, then seek immediate medical attention.
- 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 sparks, burns, or a fire.
- Do not open up the battery and avoid mechanical damage to the battery. Risk of short circuit and fumes may be emitted. Ensure fresh air and seek medical

assistance in the event of discomfort.

- Always remove battery pack from your tool when you are assembling parts, making adjustments, cleaning, or when not in use. Removing battery pack will prevent accidental starting that could cause serious personal injury.
- Always remove battery pack before storing the device. When battery becomes fully charged, unplug the charger from the power supply and remove the battery pack from the charger.
- Keep battery pack dry, clean, and free from oil and grease. Always use a dry cloth when cleaning. Never use brake fluids, gasoline, petroleum-based products, or any solvents to clean battery pack.

SPECIFIC SAFETY INFORMATION

CHARGER SAFETY INFORMATION



CAUTION

Use only Spear & Jackson® approved replacement batteries; other batteries may cause injury or damage to the mower.

Use with Spear & Jackson® 40V 4.0Ah Lithium-Ion battery.

- The plug of the charger must match the outlet. Never modify the plug in any way. Unmodified plugs and matching outlets will reduce the risk of electric shock.
- Ensure the battery pack is charged indoors only, in a dry, cool and well ventilated environment.
- Do not subject the battery to strong sunlight over long periods and do not leave it near a heat source. Heat damages the battery and there is a risk of explosion.
- Allow a hot battery to cool before charging.
- Do not use non-rechargeable batteries!
- Do not attempt to charge

battery packs other than those supplied. The charger and battery pack supplied with it are specifically designed to work together.

- Before each use, check the charger, cable and plug. Do not use a defective charger and do not disassemble the charger. Incorrect reassembly may result in the risk of fire, electric shock or electrocution.
- Protect the charger against moisture and wet conditions. There is a danger of electric shock.
- Operate the charger only with the appropriate original batteries. Charging other batteries may result in injuries and risk of fire.
- Avoid mechanical damage to the charger. This can result in internal short circuits.
- Do not operate the charger on easily inflammable surfaces (e.g. paper, textiles, etc.). The heating of the battery charger

SPECIFIC SAFETY INFORMATION

during the charging process could pose a fire hazard.

- Do not abuse the cord of the charger. Never use the cord for carrying, pulling or unplugging the charger.
- Keep the cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
- Do not operate the charger with a damaged cord or plug, which could cause shorting and electric shock. If damaged, immediately discontinue use. Replace the charger with the identical unit as listed in the Product Specifications in this manual. If the power cord for this equipment is damaged, it must be replaced by the manufacturer, a customer service agent of the same or qualified person in order to prevent hazards.
- Do not use a charger that has been dropped or received a sharp blow.
- The voltage indicated on

the charger rating plate must correspond to the voltage of the power source.

- Never touch the mains plug with wet hands.
- The battery of the appliance is not fully charged at the time of delivery. It therefore needs to be fully recharged before you use it for the first time. For the first recharge cycle, charge the battery pack fully. Slot the battery into the base and plug the battery charger into an outlet.
- When the battery is fully charged, unplug the charger from the outlet and from the appliance.
- Do not charge the battery continuously since this may damage the battery cells.
- This charger is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been

SPECIFIC SAFETY INFORMATION

given supervision or instruction concerning use of the charger by a person responsible for their safety.

- Children should be supervised to ensure that they do not play with the charger.

NOTE: Repeatedly charging small capacities may damage the battery cells. Recharge the battery only if the appliance is becoming low on power.

INTENDED USE

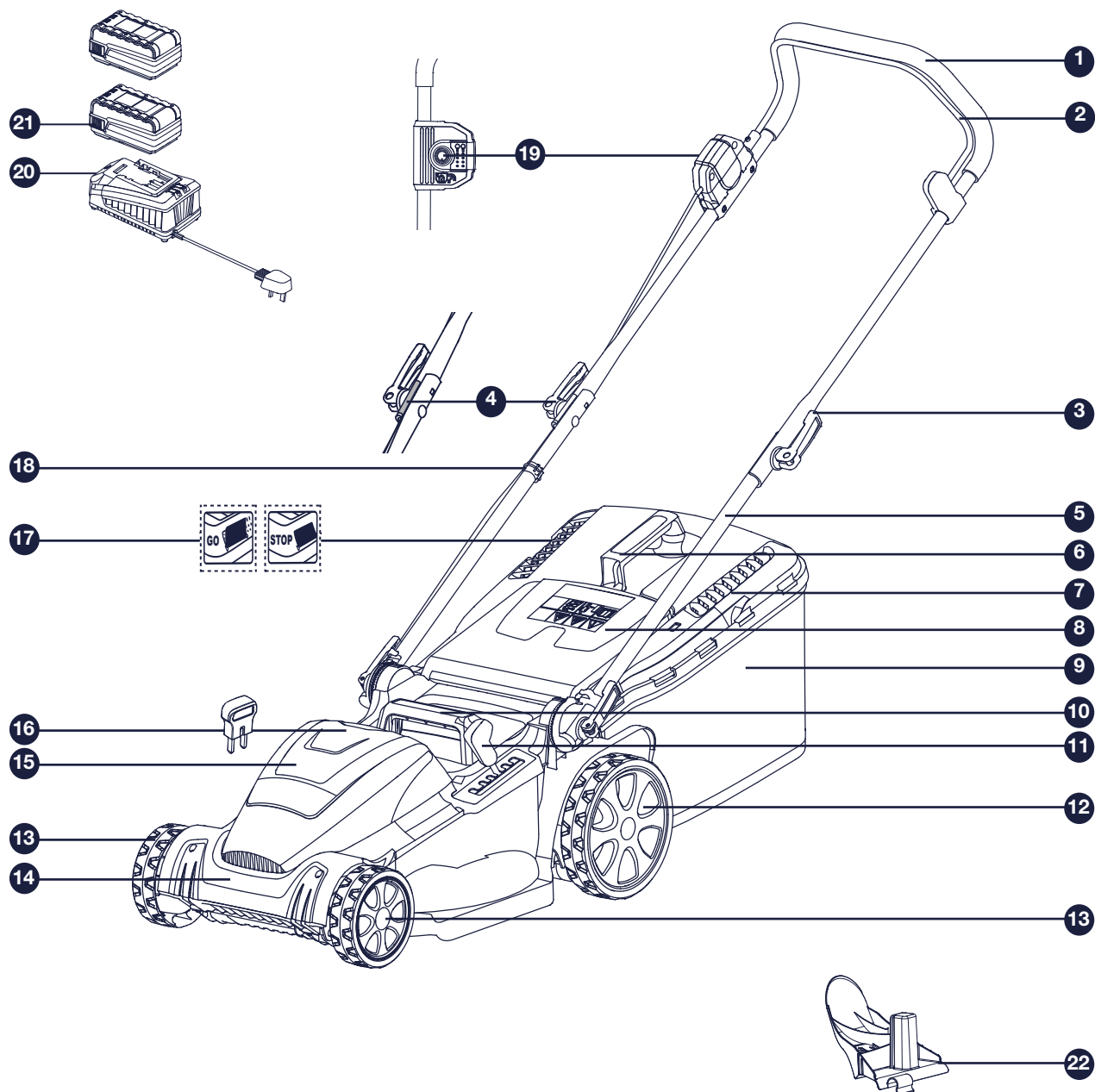
This lawn mower is designed for domestic use only:

- This cordless lawnmower is intended for mowing lawns in domestic and hobby gardens.
- This product is not to be used in wet weather conditions and may not be used to mow wet or unusually high grass.
- This product is intended for private domestic use only, not for any commercial trade use. It must not be used for any purposes other than those described. Any use of the machine that deviates from its intended use will invalidate the warranty.

IN THE BOX

PARTS

- | | | | |
|-----------------------------------|--|---|-------------------------|
| 1 Upper handle | 7 Upper Cover of Grass Collection Bag | 12 Rear Wheel | 18 Cable Clip |
| 2 Switch Lever | 8 Deflector Guard | 13 Front Wheel | 19 Safety Button |
| 3 Quick Release Lever (x4) | 9 Lower Cover of Grass Collection Bag | 14 Deck | 20 Charger |
| 4 Cable Guide | 10 Carry Handle | 15 Battery Compartment Cover | 21 Battery (x2) |
| 5 Lower Handle | 11 Cutting Height Adjustment Handle | 16 Isolator Key | 22 Mulching Plug |
| 6 Grass Collector Handle | | 17 Grass Collection Full Indicator | |

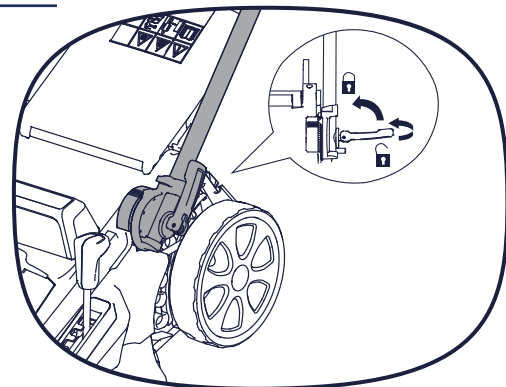


1 Unpacking

- i. Unpack all parts and lay them on a flat, stable surface.
- ii. Remove all packing materials and shipping devices if applicable.
- iii. Make sure the delivery contents are complete and free of any damage. If you find that parts are missing or show damage do not use the product but contact the after sales helpline within 28 days of purchase. Using an incomplete or damaged product represents a hazard to people and property.
- iv. Ensure that you have all the accessories and tools needed for assembly and operation. This also includes suitable personal protective equipment.

2 Fix the lower handle

Rotate the quick release lever clockwise to tighten, and to lock the lower handle in place, fold the lever inwards towards the lower handle using moderate force. If they feel too tight when folding in, turn them anti-clockwise to loosen. Do not use excessive force; this may damage the levers.



ASSEMBLY

3 Fix the upper handle

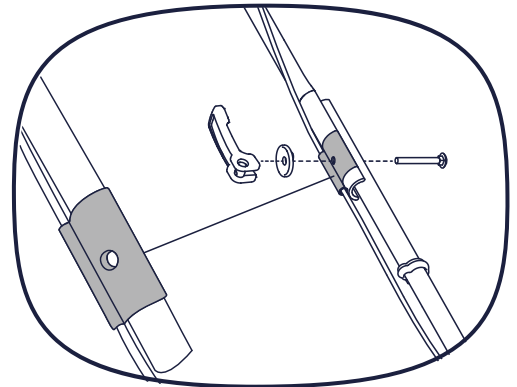
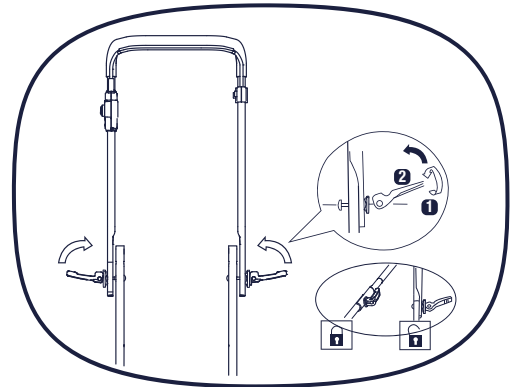
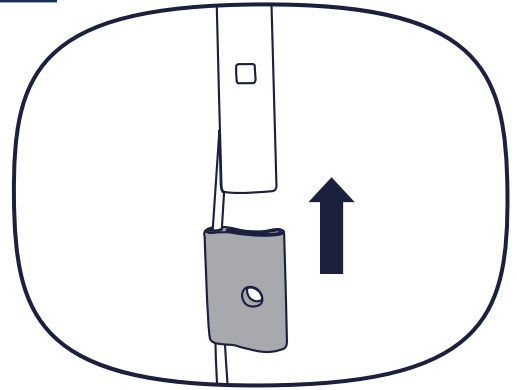
Fit the upper handle and lower handle together with the quick release levers. Before fitting the quick lever, check and ensure the cable guide is attached on the upper handle. If not, attach the cable guide on the upper handle as shown. Ensure the hole on the cable guide is aligned with the hole on the upper handle. Insert the bolt through the inside of the lower handle, cable guide and upper handle assembly. Secure the washer and the quick release lever to the bolt as shown.

To tighten rotate clockwise and lock into position by folding inwards towards the handle. Do not use excessive force; this may damage the levers.

There are two possible height positions. Choose the one most suitable to the operator's height.

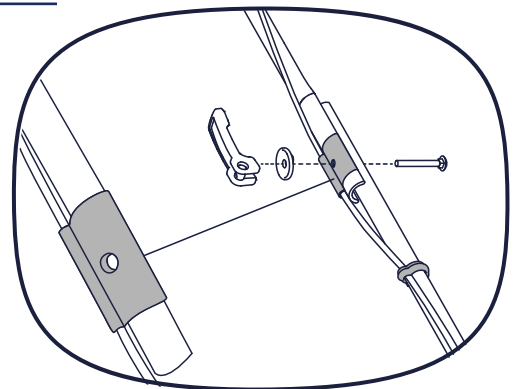


WARNING! Make sure the cable guide is attached correctly on the upper handle to avoid the cable getting damaged when the upper handle is folded up and down.



4 Fix the cable

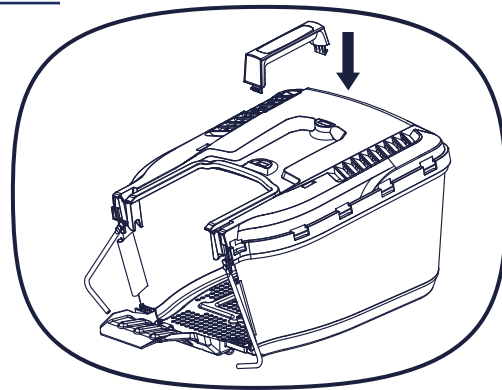
Secure the cable against the handle frame with the supplied cable clip.



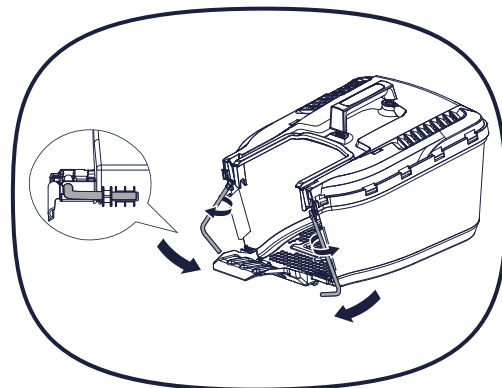
5

Assemble the grass collection bag

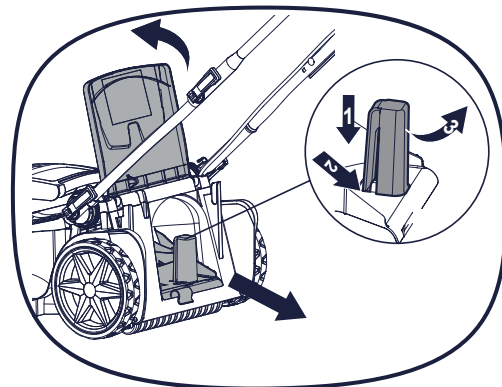
i. Insert the handle in the slots on the upper cover of grass collection bag. Ensure this securely 'clicks' into place.



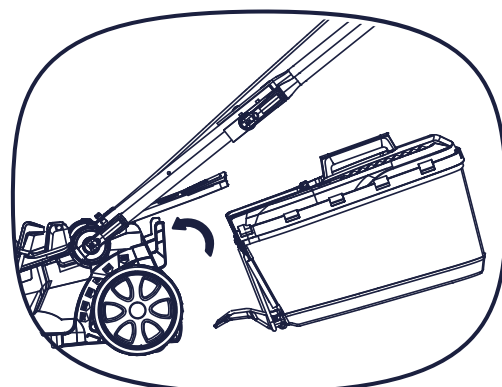
ii. Secure the metal support rods into the fixing position on either side of the grass collection base. Ensure the side clamping sleeves are properly fixed onto the metal support frame.



iii. To remove the mulching plug, grip the post and squeeze the lever, push down (1) to release the catch (2). Once the catch is released the mulching plug can be lifted out of the mower (3).



iv. Ensure the mulching plug is removed from the lawnmower before fitting the grass collection bag. Lift up the deflector guard all the way up with one hand and attach the grass collection bag onto the mounting brackets provided at the rear of the mower. Align the bottom of the grass collection bag first ensuring the collection tongue is located fully within the discharge chute of the lawnmower. Lower the deflector guard.

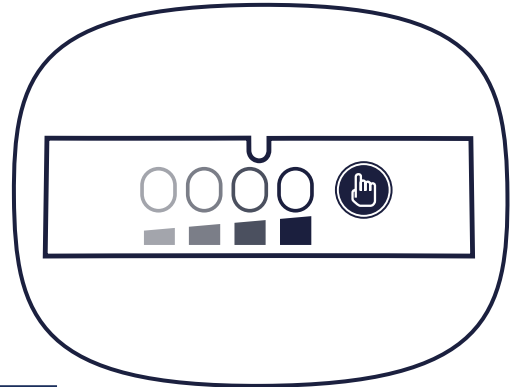


PREPARATION

1 Check battery capacity

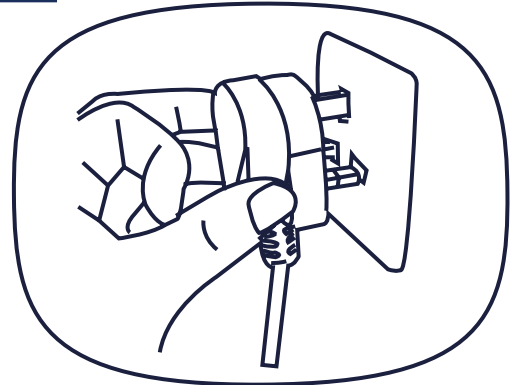
Push and hold the power indicator located on the battery pack to show the remaining battery capacity. The battery is equipped with a charge-level indicator panel which indicates its current charge condition. This charge-level indicator panel consists of 4 LEDs. The charge level indicator LEDs go out after releasing the button. The battery's charge level can be checked either when the battery is fitted on the machine or removed from the machine.

LED indicators on battery	Battery Capacity
Continuous lighting of 4 LEDs (inc 2 green)	Fully charged
Continuous lighting of 3 LEDs (inc 1 green)	≥ 50%
Continuous lighting of 2 LEDs (orange & red)	≥ 25%
Continuous lighting of 1 LED (red only)	≤ 25%. Recharge required.

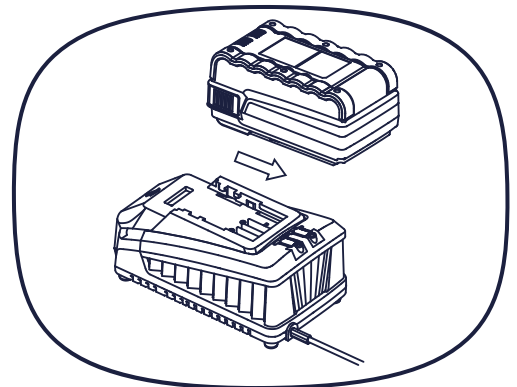


2 Battery charging

i. Plug the charger into an appropriate AC power outlet.











ii. Insert the battery pack along the support rails of the charger.



PREPARATION

iii. The indicator lights on the charger show the charger status:

Symbol	Indicator lights	Status
		Red, flashing
		Red, continuous
		Green, flashing
		Green, continuous

The intelligent charger measures the charge level of the battery and charges the battery accordingly with the required current and voltage based on battery temperature and voltage. This ensures maximum battery life. Charge the battery fully before first use and storage.

A flashing red LED light on the charger indicates that the battery temperature is not within the charging temperature range of -5°C - 50°C or the charging current is too high. As soon as the permitted temperature and the charging current ranges are reached, the battery charger will automatically switch to charging.

After continuous or repeated charging cycles without interruption, the charger may warm up. This is normal and does not indicate a technical defect of the battery charger.

Rapidly flashing green LED indicates that the battery voltage is low, and the battery will receive an extended charge cycle approximately 30 minutes longer. This does not indicate a defect with the battery.

PREPARATION

3

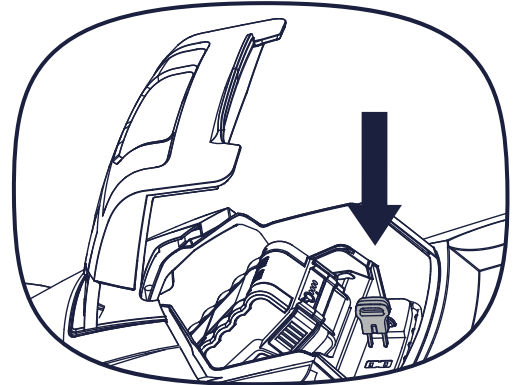
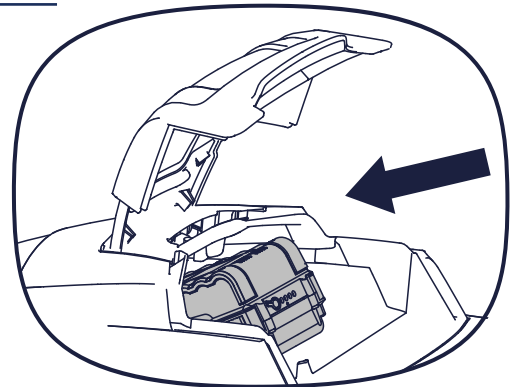
Continuous runtime

- i. This lawn mower is supplied with two battery packs for your convenience and to increase the run time during operation providing an almost unlimited run time to cut over 1200m². To utilise the continuous runtime feature, ensure both batteries are fully charged before first operation.
- ii. Once the first battery becomes depleted during operation, the second battery can be installed, replacing the used battery to continue mowing.
- iii. Recharge one battery in the supplied 1 hour fast charger whilst using the other supplied battery.

4

Fit the battery

- i. Lift the battery compartment cover on the lawnmower deck and slide the battery along the guide rails ensuring the battery locks into position.
- ii. Insert the isolator key.
- iii. To remove the battery, stop the lawnmower, lift the battery cover and remove the isolator key, activate the release latch on the battery and slide the battery out of the chamber.



Setting the cutting heights



IMPORTANT! Set the cutting height only when the motor is switched off and the battery pack has been removed.



Stop the machine, release the switch lever, remove the isolator key and wait until the blade stops before adjusting the cutting height. Remember, the blade may continue to rotate after the machine is switched off. A rotating blade can cause injury.



CAUTION! Do not touch rotating blades.

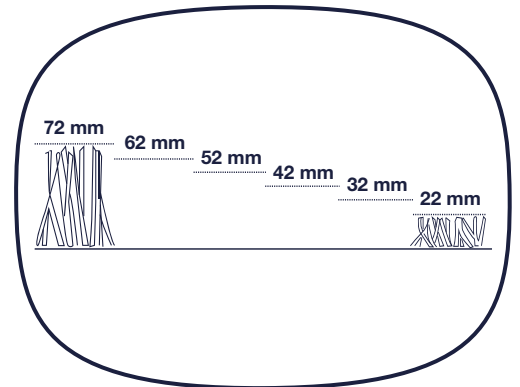
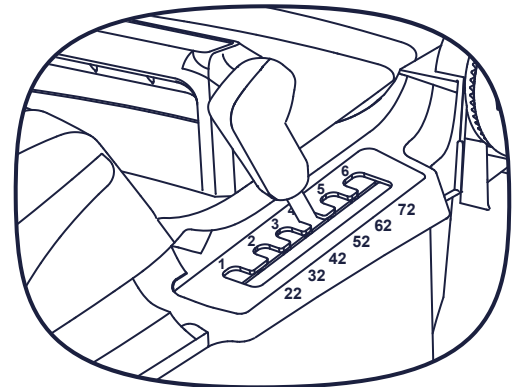
Before using the mower for the first time, adjust the cutting position to the height best suited for your lawn.

The mower can be set to 6 cutting heights between 22mm and 72mm. Choose the appropriate cutting height according to the type and conditions of the grass.

To set the cutting height:

1. To raise the cutting height, grasp the cutting height adjustment handle, disengage the handle from its current setting, then move it toward the back of the mower and engage the handle in the desired cutting height position on the mower deck.
2. To lower the cutting height, grasp the cutting height adjustment handle, disengage the handle from its current setting, then move it toward the front of the mower and engage the handle in the desired cutting height position on the mower deck.

Cutting Position	Cutting Height
1	22mm
2	32mm
3	42mm
4	52mm
5	62mm
6	72mm



For the first cut each season, a higher cutting setting should be selected.

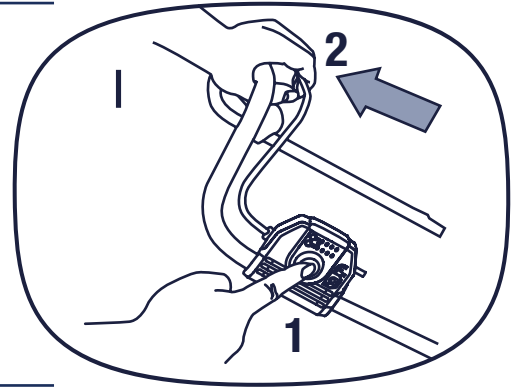
Using a cutting height that is too low in longer grass will use more power and shorten battery run time. It is recommended to cut longer grass in 2 passes or more. This method will also cause less stress to your grass for a healthier lawn.

Before you begin to mow, check to ensure that the blade is not blunt and that none of the fasteners are damaged. To prevent any imbalance, replace blunt and/or damaged blades. To carry out this check, first switch off the motor and remove the battery and isolator key.

OPERATION

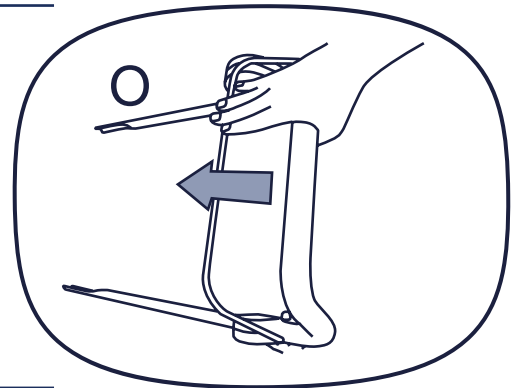
Switching on

- i. Press and hold the safety button (1).
- ii. Pull the switch lever towards the handle and hold in position (2).
- iii. Release the safety button.



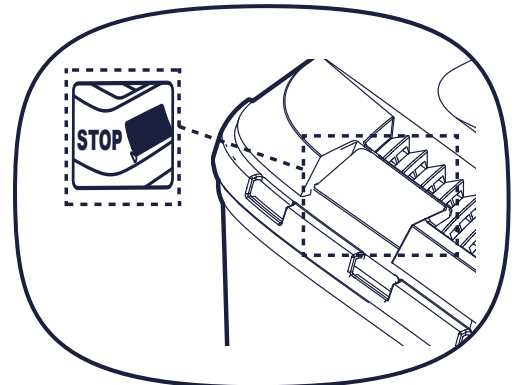
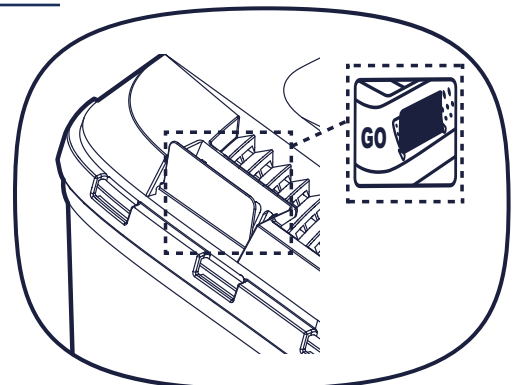
Switching off

Release the switch lever.



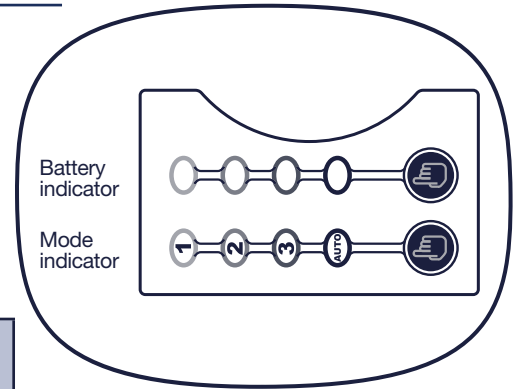
Grass collection full indicator

- i. If the grass collection bag is empty or it is not full with grass, the grass full indicator flap will remain open.
- ii. If the grass collection bag is full with grass, the grass full indicator will close.



Battery indicator panel

- A battery indicator panel is located on the switch box, and can be used to indicate the current battery status.
- Push the indicator button to check the battery status, 4 lights indicate a fully charged battery, 1 light indicates the battery needs to be charged.



LED Indicators on Battery Indicator Panel	Battery Capacity
Continuous lighting of 4 LEDs (inc 2 green)	Fully charged
Continuous lighting of 3 LEDs (inc 1 green)	≥ 50%
Continuous lighting of 2 LEDs (orange & red)	≥ 25%
Continuous lighting of 1 LED (red only)	≤ 25%. Recharge required.

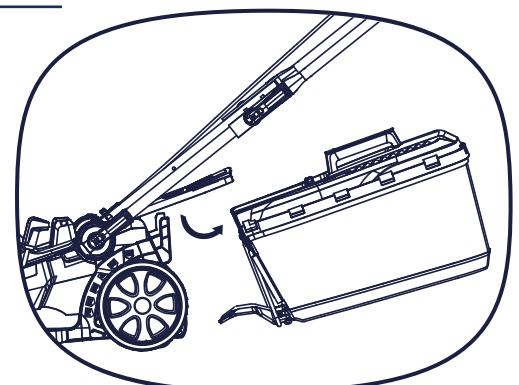
Power mode indicator

- Push the press button repeatedly to cycle through the different motor power output levels.

Mode Indicator on Panel	Motor Power Output Level	Runtime
AUTO	Automatically adjust to suit your lawn conditions.	Balanced Runtime.
1	Lawn needs only light mowing.	Maximum Runtime.
2	Mow taller and thicker grass.	Medium Runtime.
3	Maximum motor power output, mow the most stubborn grass.	Minimum Runtime.

Empty grass collection bag

- To remove the collection bag, lift the deflector guard and detach the grass collection bag. Empty the grass clippings. Lift the deflector guard and re-attach the grass collection bag onto the mounting brackets located at the rear of the mower.



OPERATION

Using as a mulcher

Do not attach the grass collection bag and the mulching plug at the same time.

The mulching plug allows the grass clippings to be deposited back on the lawn during cutting.

To install the mulching plug:

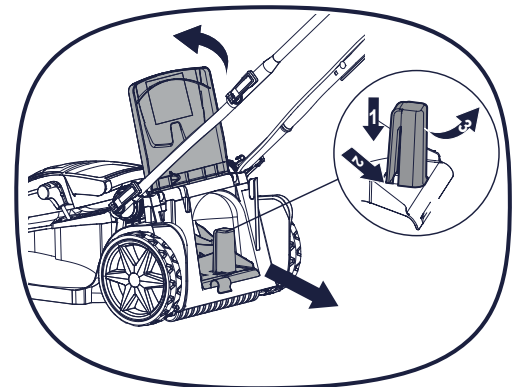
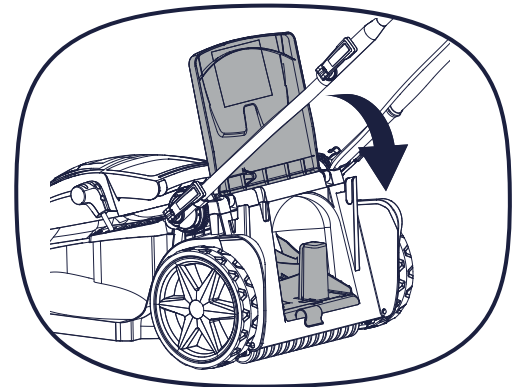
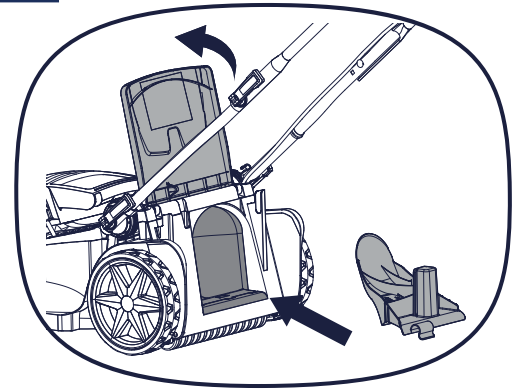
- i. Lift the deflector guard and detach the grass collection bag.
- ii. Lift and hold the deflector guard up with one hand.
- iii. With other hand grasp the mulching plug by its upright handle and insert the plug into the rear discharge chute. Ensure that the locking latch snaps into place. The mulching plug **MUST** be removed if the grass collection bag is used.

To remove the mulching plug:

- i. To remove the mulching plug, grip the post and squeeze the lever, push down (1) to release the catch (2).
Once the catch is released the mulching plug can be lifted out of the mower (3)

Mowing tips

- Verify that the lawn is free of stones, sticks, wires, and other objects that could damage the lawn mower.
- When cutting thick grass, reduce walking speed in order to allow for a more effective cut and a proper discharge of the clippings.
- Never cut off more than one-third of the total length of the grass for a healthy lawn. If it is roughly 6cm long, the grass should not be shorter than 4cm once mowed. If the grass is higher, you should gradually cut it down to the desired length so as not to damage the grass.
- Do not cut wet grass because it tends to stick to the underbody of the lawn mower, preventing the proper discharge of grass clippings.
- Empty the collection bag before it is completely full. Continuing to mow with a full collection bag increases power consumption and reduces runtime.





WARNING!

Always switch the product off, remove the battery pack and isolator key and let the product cool down before performing inspection, maintenance and cleaning work!

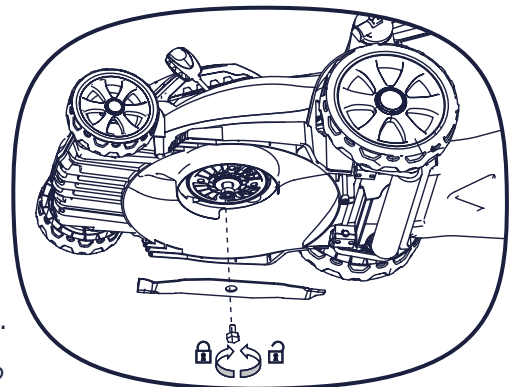
- i. Keep the underbody and cutting blade clean and free of debris. Remove clippings from the discharge chute.
- ii. Keep all safety devices, air vents and the motor housing free of dirt and dust. Wipe the equipment with a soft brush or blow with compressed air at low pressure.
- iii. Clean the mower regularly with a clean, dry cloth. Do not use cleaning agents or solvents; these may damage plastic components.
- iv. Check all nuts and bolts periodically for tightness before operation. After prolonged use, especially in sandy soil conditions, the cutting blade will become worn and lose some of its original shape. The cutting efficiency will be reduced and the cutting blade should be replaced.
- v. Lubricate the cutting blade after each use to prolong the life span of the cutting blade and product. Apply light machine oil along the edge of the cutting blade.

Replacing the cutting blade

Keep the cutting blade sharp to ensure a good cutting performance is maintained. Replace a worn or damaged cutting blade with a new one of the same type or have it sharpened by a qualified specialist.

- i. Ensure the mower is turned off and the battery pack and isolator key are removed.
- ii. Wear gloves and firmly hold the blade. Loosen the blade bolt anticlockwise using a suitable wrench and remove it together with the blade.
- iii. Replace the blade with a new one of the same type.
- iv. Reattach the blade onto the spindle, ensuring the blade's wings are angled upwards towards the mower deck. Pay attention that the blade is position correctly and the screw is tightened firmly. Tighten the bolt clockwise with 16 Nm min, 20 Nm max. to ensure safe operation of your product.

NOTE: Replace this cutting blade after 50 hours mowing or 2 years whichever is sooner regardless of condition.



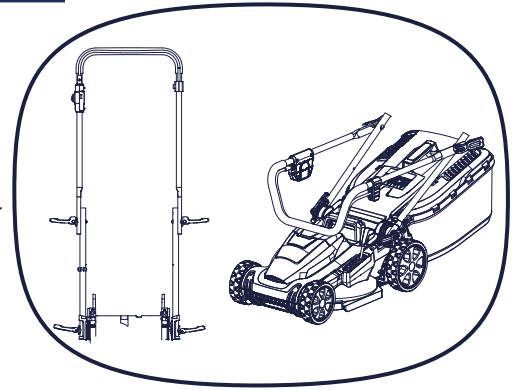
MAINTENANCE

Storage



WARNING! To avoid damage to the cable, ensure the power cable is not caught between the folding sections.

- i. Switch the product off and remove the battery and isolator key.
- ii. Clean the product as described in the above maintenance section.
- iii. To reduce storage space, the upper handle and lower handle can be folded, unlock the quick release levers and turn anti-clockwise to loosen and release the handles.




Transportation

- i. Switch the product off and remove the battery and isolator key. Ensure the battery pack is stored safely to avoid contamination of the contacts which may lead to short circuits.
- ii. Protect the product from any heavy impact or strong vibrations which may occur during transportation in vehicles.
- iii. Secure the product to prevent it from slipping or falling over.

TECHNICAL DATA

Model	S4042X2CR
Max Voltage	40V ---
No load speed	3100-3300-3500 /min
Cutting width	42cm
Height of cut	22/32/42/52/62/72mm
Grass collector capacity	40L
Net weight	15.4Kg

Charger	
Model no.	40LFC01
Charger input	220-240V 50/60Hz 145W
Charger output	40V --- 3.0A
Charging period (battery fully discharged)	60min
Permitted charging temperature range (for charger)	-5°C~50°C
Weight of charger	0.77kg
Insulation protection of charger	

Battery pack	
Model no.	40LB4001
Nominal rated voltage of battery	36V ---
Max rated voltage of battery	40V Max ---
Capacity of battery	4.0Ah
Battery type	Lithium-Ion

Parts List	ACCESSORIES
111193114	Blade
211044113	Battery
211044114	Charger
211033123	Insulator Key
211033125	Upper quick release lever
211033118	Lower quick release lever
111193134	Mulching plug

TECHNICAL DATA

Sound values

Sound pressure level L_{pA} : 82dB(A)

Sound power level L_{WA} : 92.6dB(A)

Uncertainty K: 2.12dB(A)

Guaranteed sound power level L_{WA} : 96dB(A)

Vibration values

Hand arm vibration a_h : 2.5m/s²

The sound values have been determined according to noise test code given in EN 60335-2-77, using the basic standards EN ISO 11201 and EN ISO 3744. The sound intensity level for the operator may exceed 80 dB(A) and ear protection measures are necessary.

The declared vibration value has been measured in accordance with a standard test method (according to EN 60335-2-77) and may be used for comparing one product with another. The declared vibration value may also be used in a preliminary assessment of exposure.



WARNING! Depending on the actual use of the product the vibration values can differ from the declared total! Adopt proper measures to protect yourself against vibration exposures! Take the whole work process including times the product is running under no load or switched off into consideration!

Proper measures include, among others, regular maintenance and care of the product and cutting attachments, keeping hands warm, periodical breaks and proper planning of work processes!

TROUBLESHOOTING

Suspected malfunctions are often due to causes that the user can fix by themselves. Therefore, check the product using this section. In most cases the problem can be solved quickly.



WARNING! Only perform the steps described within these instructions! All further inspection, maintenance and repair work must be performed by a qualified specialist.

Gloves and appropriate protective clothing must be worn when performing these operations. Always turn off the machine and remove the battery pack and isolator key before making any adjustments.

Fault	Possible Cause	Solution
Mower fails to operate.	Possible clogging	Check underneath the mower and clear as necessary (always wear gardening gloves).
	The battery is not fully charged.	Charge the battery.
	The battery is not inserted (properly).	Ensure the battery is correctly inserted.
	The grass is too long.	Increase the height of cut and tilt garden product to reduce the starting load.
	The battery is too hot/cold.	Allow the battery to cool/warm to room temperature.
	The isolator key is not inserted correctly/fully.	Fit the key correctly.
	There is a short delay in the motor starting after engaging the On/Off switch.	This is normal. Hold the On/Off switch for 1– 3 secs to start the motor.
Motor starts and stops immediately.	The battery is not fully charged.	Charge the battery.
	The isolator key is not inserted correctly/fully.	Fit the key correctly.
	The battery is not inserted (properly).	Ensure the battery is correctly inserted.
	The battery is too hot/cold.	Allow the battery to cool/warm to room temperature.
Garden product functions intermittently.	Motor protector has activated.	Allow the motor to cool and increase the height of cut.
Lawnmower leaves ragged cut.	Height of cut is too low	Increase the height of cut.
	Cutting blade is blunt.	Replace the blade.
Poor cutting or motor labours.	Possible clogging.	Check underneath the mower and clear out as necessary (always wear gardening gloves).
	The blade is fitted upside down.	Refit the blade correctly.

TROUBLESHOOTING

Fault	Possible Cause	Solution
Area of cut (battery duration) is not large enough.	Height of cut is too low.	Increase the height of cut and walk slower.
	The grass is too high.	Increase the height of cut and walk slower.
	The grass is wet or damp.	Wait until the grass is dry and walk slower.
	The grass is dense.	Increase the height of cut, walk slower and cut more frequently.
The cutting blade is not rotating while the garden product is switched on.	The cutting blade is obstructed.	Switch off the garden product and clear obstruction (always wear gardening gloves).
	The blade nut/bolt is loose.	Tighten the blade nut/bolt (17 Nm).
Excessive vibrations/noise.	The blade nut/bolt is loose.	Tighten the blade nut/bolt (17 Nm).
	Cutting blade is damaged.	Replace the blade.
No charging procedure possible.	The battery contacts are contaminated.	Clean the battery contacts (e.g. by inserting and removing the battery several times) or replace the battery.
	Socket outlet, fuse, mains cable or battery charger are defective.	Check the mains voltage and fuse, if necessary have the battery charger checked by an authorized customer service station.
	The battery has a fault.	Contact the After Sales Helpline.
The charge control LEDs do not light up after inserting the mains plug into the socket.	The battery or charger is too hot or too cold.	Allow the battery or charger to cool/warm to room temperature.
	Mains plug of the battery charger is not plugged in (properly).	Insert mains plug (fully) into the socket outlet.
	Socket outlet, fuse, mains cable or battery charger are defective.	Check the mains voltage and fuse, if necessary have the battery charger checked by an authorized customer service station.
The Green LED flashing rapidly on the charger.	The battery is in a low voltage status and needs a recovery charge.	Leave the battery charging for an extra 30mins, the battery will recover and then the charger will complete the full charging process.

GUARANTEE

If your device develops a fault, please don't hesitate to contact our after sales support on 0345 605 2068, the majority of problems can be solved directly on the phone.

1. These warranty terms cover additional warranty rights and do not affect your statutory warranty rights. This product is covered by a 3 year manufacturer warranty.
2. Claims must be accompanied by proof of purchase. This must be in the form of a Sales receipt or bank statement and must show that the product has been purchased within the warranty period as described under point 1, from the retailer that it was originally bought from. Please keep your receipt safe or staple it to the back of this manual for future reference.
3. Our devices have not been designed for commercial, trade or industrial applications, any signs of use of the equipment in these application or equivalent activities, invalidates the warranty.
4. The following are also excluded from our warranty:
 - A. Faults due to accidents, customer misuse or unauthorised repairs
 - B. Consumable Parts such as blades, quick release levers, grass bags and other accessories that are compatible with the product.
 - C. Failure due to lack of routine maintenance.
 - D. Failure as a result of not using the equipment in accordance with the manual and safety instructions.

Warranty claims should be submitted before the end of the warranty period, see point 1. The original warranty period remains applicable to the device even if repairs are carried out or parts are replaced. In such cases, the work performed, or parts fitted will not result in an extension of the warranty period, and no new warranty will become active for the work performed or parts fitted. If you have any problems or questions concerning your garden power tool, please contact our after sales support at 0345 605 2068.