

LawnMaster®

SAFETY AND OPERATING MANUAL



LALP46PB40VU



IMPORTANT

It is essential that you read the instructions in this manual before operating this machine. All notes and images are subject to technical modification.

READ FIRST BEFORE USE!

LAWNMASTER LITHIUM BATTERY INSTRUCTIONS

1. Battery must be fully charged before initial use.
2. Never let the battery discharge below two bars on the battery indicator light-discharging below two bars may cause damage to the battery.
3. Do not continue use if machine stops-fully recharge battery first if below two bar indicator. If above the two bar minimum assess the tool for potential obstructions.
4. We recommend to fully recharge the battery immediately after every use. Allow the battery to cool for at least 15 minutes before recharging.
5. Do not store for a long period without fully recharging battery.
6. Check battery temperature. If above 38°C let battery rest and cool.

Lithium batteries do not need to be fully discharged before recharging.

INTRODUCTION

Thank you for purchasing the LawnMaster Lithium product.

Remember that you can contact Customer Support for any queries regarding assembly or maintenance, as well as for the resolution to any problems that may arise, and for the purchase of spare parts and/or accessories.

WARNING- Please read these Operating Instructions carefully as well as the safety precautions before using your device. Failure to do so could result in an electric fault, fire hazard and/or in personal injury. The manufacturer will not take responsibility for accidents or injuries caused to the user, third parties or objects as a result of not following the instructions in the user manual.

WARNING - This machine must only be used to mow lawns. Do not attempt to use this machine for other purposes for which the machine is not intended for, such as to clear land, for leaf or debris collection, to trim hedges, pruning bushes or for cutting vegetation other than grass. Do not use this machine as a crushing machine. Using the lawnmower for other purposes the machine is not intended for may lead to dangerous situations.


This machine is not intended for professional use.

Keep this user manual safe for future reference. Should you sell this machine in the future, please remember to hand this manual to the new owner.

SAFETY RULES & PRECAUTIONS

The aim of the following warning signs and their meaning is to explain the levels of risk related to this product.

WARNING - Please read all safety warnings and instructions. Not doing so may result in electrical shocks, fire, or in severe personal injuries.

SYMBOL	SIGN	MEANING
	WARNING	It indicates a dangerous situation where you need to pay full attention to avoid any kind of personal injuries or damage to the device.
	NOTICE	It indicates useful information which can facilitate your task.

The purpose of the safety rules is to attract your

attention to possible dangers. The safety symbols and the explanations with them, require your careful attention and understanding. The safety warnings do not by themselves eliminate any danger. The instruction or warnings they give are not substitutes for proper accident prevention measures.

WARNING- Failure to obey a safety warning can result in serious injury to yourself or to others. Always follow the safety precautions to reduce the risk of fire, electric shock and personal injury. Save owners manual and review frequently for continuing safe operation and instructing others who may use this tool.

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, v.e recommend persons with medical implants to consult their physician and the medical implant manufacturer before operating this machine.

WARNING - Before beginning power tool operation, always wear safety goggles or safety glasses with side shields and a full face shield when needed. We recommend Wide Vision Safety Mask for use over eyeglasses or standard safety glasses with side shield.

WARNING - Always remove battery when servicing or transporting the mower.

1. Read the instructions carefully. Be familiar with the controls and the proper use of the equipment.
2. Never allow children or people unfamiliar with these instructions to use the lawnmower.
3. Never mow while people, especially children, or pets are nearby.
4. Keep in mind that the operator or user is responsible for accidents or hazards occurring to other people or their property.
5. While mowing, always wear substantial footwear and long trousers. Do not operate the equipment when barefoot or wearing open sandals; Avoid wearing clothing that is loose fitting or that has hanging cords or ties.

6. Thoroughly inspect the area where the equipment

is to be used and remove all objects which can be thrown by the machine.

7. Before using, always visually inspect to see that the blades, blade bolts and cutter assembly are not worn or damaged. Replace worn or damaged blades and bolts in sets to preserve balance.

8. Replace damaged or unreadable labels.

9. Mow only in daylight or in good artificial light.

10. Avoid operating the equipment in wet grass, where feasible.

11. Always be sure of your footing on slopes.

12. Walk, never run.

13. For wheeled rotary machines; mow across the face of slopes, never up and down.

14. Exercise extreme caution when changing direction on slopes.

15. Do not mow excessively steep slopes.

16. Use extreme caution when reversing or pulling the lawnmower towards you.

17. Stop the blades if the lawn mower has to be tilted for transportation when crossing surfaces other than grass, and when transporting the lawn mower to and from the area to be mowed.

18. Never operate the lawnmower with defective guards, or without safety devices, for example deflectors and/or grass catchers, in place.

19. Start or switch on the motor carefully according to instructions and with feet well away from the blades.

20. Do not tilt the lawnmower when starting switching on the motor, except if the lawnmower has to be tilted for starting. In this case, do not tilt it more than absolutely necessary and lift only the part which is away from the operator.

21. Do not start the motor when standing in front of the discharge chute.

22. Do not put hands or feet near or under rotating

parts, Keep clear of the discharge opening at all times.

23. Never pick up or carry a lawnmower while the motor is running.

24. Stop the motor and switch off isolator key. Make sure that all moving parts have come to a complete stop. Whenever you leave the machine; or before clearing blockages or unclogging chute; or before checking, cleaning or working on the lawnmower; after striking a foreign object. Inspect the mower for damage and make sure repairs are completed before restarting and operating the lawnmower.

25. If lawnmower starts to vibrate abnormally (check immediately);

- Inspect for damage.
- Replace or repair any damage parts.
- Check for and tighten any loose parts.

26. Keep all nuts, bolts and screws tight to be sure the equipment is in safe working condition.

27. Check the grass catcher frequently for wear or deterioration.

28. Replace worn or damaged parts for safety.

29. This appliance is not intended for use by persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

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

31. Always allow the machine to cool before storing.

32. After use and before storage, remove the battery from the machine and check for damage.

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

34. Replace worn or damaged parts for safety. Use only genuine replacement parts and accessories.

35. Be careful during adjustment of the appliance to prevent entrapment of the fingers between moving

blades and fixed parts of appliance.

36. Recharge only with the charger specified in this manual.

37. You can only use this battery with other 40V Power & garden tools. Using alternative batteries may create a risk of injury or fire.

38. When battery pack is not in use, keep it away from metal objects like paper clips, coins, keys, nails etc. Any metal object can make a connection from one terminal to the other. Shorting the battery terminals together may cause burns or a fire.

39. Under abusive conditions, liquid maybe ejected from the battery:

- If contact accidentally occurs, flush with water.
- If liquid contacts eyes, seek urgent medical advise as this can cause irritation or burns.

40. We advise for people over the age of 14 years and above. Children should not play with the product.

SAFETY ADVICE FOR RECHARGEABLE BATTERY & CHARGER

Use only the battery that is provided with the lawnmower and or purchase one that is the same range.

Protect battery and battery charger from humidity.

Do not operate battery charger outdoors.

Disconnect battery before cleaning or servicing the unit.

Avoid dropping the battery onto hard surfaces and do not subject the battery to any pressure or any other forms of mechanical stress.

Keep battery away from extreme hot or cold.

Do not attempt to repair the battery or battery charger yourself. If any parts are damaged and require repairs, please have it repaired by a qualified technician or take it to your nearest LawnMaster Service Dealer.

Only charge the battery at an ambient (surrounding air) temperature between 0°C and + 50°C.

A charged battery can be used to power the machine

under ambient temperature conditions between 20°C and + 70°C. The battery pack can also be used in temperatures down to -10°C. Put the battery pack on a tool and use the tool in a light duty application. After about a minute, the pack will have warmed up and begin operating normally.

When not in use, store the battery in a dry place between 10°C and 30°C.

The battery should be recharged when it fails to produce sufficient power on jobs which were easily done previously. DO NOT CONTINUE using product with its battery in a depleted condition.

The battery is not fully charged at our factory. Before first use it must be fully charged.

WARNING - Never short-circuit the battery or expose it to moisture. Do not store it together with any metal parts which could short-circuit the contacts. The battery could overheat, start burning or explode.

- If any person comes into contact with acid or similar internal fluids or substances contained in the battery, wash off these substances immediately with plenty of water. If these substances make contact with the eyes, rinse with plenty of water and visit a doctor immediately.

WARNING - Do not open the battery pack to get the battery out by yourself

- Do not place the rechargeable battery into fire or water. It can explode. The rechargeable battery should not be discarded to domestic refuse, regardless of whether used or unused. You should return it to a local battery collection point in accordance with battery regulations

CHILD SAFETY

Tragic accidents can occur if the operator is not aware of the presence of children. Keep children away from the mowing area and under the watchful care of a responsible adult. Do not allow children under the age of 14 to operate this mower. All other users must be read and understand all operating instructions prior to using the mower.

Stay alert, and switch-off the mower if a child or any other person enters the mowing area.

Look behind and down for small children before and while moving backwards.

Use extreme care when approaching blind corners, doorways, shrubs, trees, or other objects that may obscure your view of a child who may run into the path of the mower.

WARNING SYMBOLS

The warning icons on labels in this machine and/or in the manual indicate the necessary information for the safe use of the device.



Precautions that involve your safety.



To reduce the risk of injury, user must read and understand user's manual before using this product.



Wear hearing and eye protection.



Do not expose machine to rain or wet conditions.



Pay attention that bystanders are not injured through foreign objects thrown from the mower.



Keep all bystanders (especially children and pets) at least 50 ft. away from the work area.



Beware of sharp blades. Blades continue to rotate after the motor is switched off.



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



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



Beware of electric shock hazard.



Wait for all components of machine to have completely stopped before touching them.



The charger is intended for indoor use only. The machine is protected against ingress of water drop from vertical direction.



CE Marking

The product meets demands and regulations set by the European Community.



CAUTION! Unusable power tools do not belong with domestic waste. They must be taken to a communal collecting point for environmentally friendly disposal in accordance with local regulations.

Disposing of the packaging:



The packaging is made of cardboard and separately labeled foil which is also recyclable. Please dispose of these materials correctly.

Battery packs/batteries:

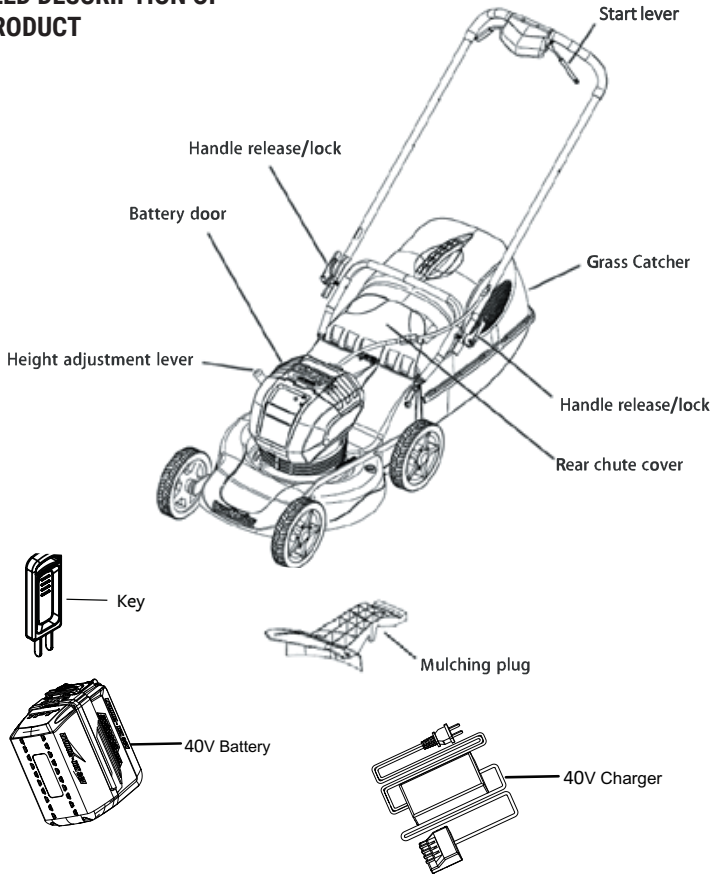


Do not dispose of batteries into household waste, water or fire. Battery packs/ batteries must be collected, recycled or disposed of in an environmentally friendly way. Only for EC countries: Defective or dead batteries must be recycled according to the directive 2006/66/EC



Noise level marking - your tool noise is no more than 96dB.

DETAILED DESCRIPTION OF THE PRODUCT



TECHNICAL DATA

40V ALLOY LITHIUM MOWER

Model:	LALP46PB40VU
Battery Type	40V DC Lithium-ion
Charge Time:	2 Hours (4.0Ah Battery)
No-Load Speed:	2800-3300 rpm
Cutting Width:	460mm
Catcher Capacity:	45L
Height Adjustments:	1 - 6.5 cm (10 Positions)
Functions:	Mulch & Catch
Weight (With Battery):	26kg

BATTERY AND CHARGER

Battery Pack:	BAT40V - 4Ah
Weight:	1.67kg
Charger:	CHAR-40HZ
Weight:	0.87kg

NOTE: LawnMaster reserves the right to modify the specifications of the device without prior notice

ASSEMBLY

Unpacking

Before beginning assembly of product, make sure all parts are present. Compare parts with package contents list and hardware contents list. If any part is missing or damaged, do not attempt to assemble the product.

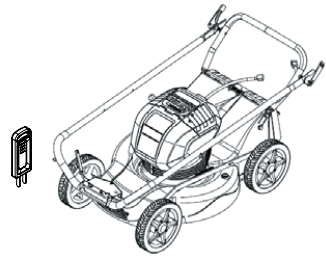
- Carefully remove the product and any accessories from the box. Make sure that all items listed in the packing list are included.
- Inspect the product carefully to make sure no breakage or damage occurred during shipping
- Do not discard the packing material until you have carefully inspected and satisfactorily operated the product.

WARNING

- If any parts are damaged or missing do not operate this product until the parts are replaced. Using a product with damaged or missing parts could result in serious personal injury.
- Do not attempt to modify this product or create accessories not recommended for use with this product. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.
- Do not insert battery until assembly is complete and you are ready to mow. Failure to comply could result in accidental starting and possible serious personal injury.
- Never operate the mower without the proper safety devices in place and working. Never operate the mower with damaged safety devices. Operation of this product with damaged or missing parts could result in serious personal injury.

PACKAGE CONTENTS LIST

Lawn Mower + Key x1



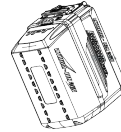
Mulching Plug x1



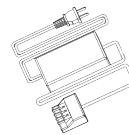
Grass Catcher x1



40V Battery x1



40V Charger x1



Owners Manual x1

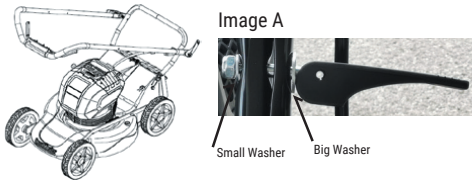


HANDLEBAR FOLDING INSTRUCTIONS

- Attach the handle bars to the mower using the bolt and screws provided.
- Once the handle bars are in position, attach the screws with the lever knob facing out.

Note: You may require a crescent or 13mm spanner for the next step to tighten the nut.

- Tighten the nut and ensure the washers are in correct position, see Image A. Small washer with bolt, big washer with locking knob.
- Lock the handlebar in mowing position by activating the locking lever. To change the handlebars back to the storage position, simply loosen the handle locking lever and rotate the upper handlebar forward over the mower body.

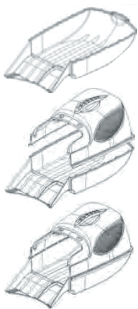


Handlebar Height Adjustment

The height of the handlebar can be adjusted. Lift the grass flap and secure it in open position, loosen the four bolts two on each side connecting the handle to the mower.

- The handle can now be adjusted to the correct height by moving it. Hold the handle in place and tighten the bolts to secure the handle in its new position

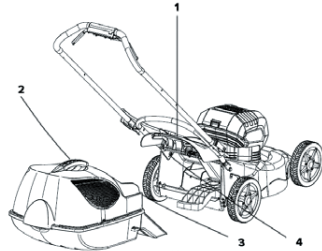
ASSEMBLING THE GRASS CATCHER



1. Place the base of the catcher onto a flat surface.
2. Tilting the top of the catcher forward - ease onto the base. Locate the front lugs and tilt carefully rearwards to align the remaining lugs.
3. Ensure both halves are aligned and the lugs engaged. Clamp together the top and bottom halves (with firm pressure) to lock securely.

INSTALLING THE GRASS CATCHER

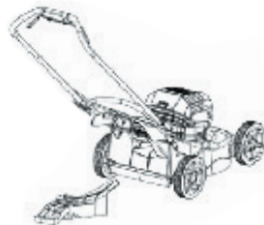
- Lift the rear flap (1).
- Lift the grass catcher by its handle (2) and place under the rear flap so that the hooks (3) on the grass catcher are seated on the door rod (4).
- Release the rear flap. When installed correctly, the hooks on the grass catcher will extend through the openings on the rear flap.



NOTE: When using the grass catcher, do not install the mulching plug.

FITTING & REMOVING THE MULCH PLUG

- Stop the engine.
- Make sure the discharge chute and underside of the mower is clean
- Lift the rear flap of the lawnmower and remove the catcher, if fitted.
- Grasp the mulch plug by its handle and insert into the rear of the lawnmower ensuring it is positioned correctly.
- Guide the mulch plug in over the rear axle and crossbar and then clip into position.
- Lower the rear flap and clip over the protruding section of the mulch plug.
- The mower is now ready for mulch.
- To remove the plug, press down on the handle of the mulch plug and lift the rear flap of the lawnmower.

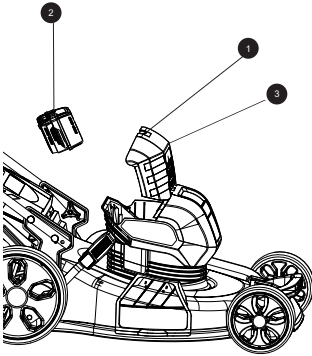


- Grasp the mulch plug by its handle and lift clear of the rear axle of the lawnmower.
- Guide the mulch plug out over the rear axle of the lawnmower.
- Lower the rear flap or fit the catcher as required.
- Clean the underside of the mower body and mulch plug as necessary.

TO INSTALL BATTERY PACK

1. Lift and hold up the battery door.
2. Align the battery with the mower's battery port
3. Make sure the battery release button snaps in place and that the battery is fully seated and secure in the mower before beginning operation

NOTE: If the machine is not going to be used immediately, remove the battery.



TO REMOVE THE BATTERY PACK

- Release the drive levers to stop the mower.
- Open the battery door
- Press the battery release button on the mower.
- Remove battery from the mower.

BLADE CARE

Check the condition of the blades, bolts and cutter assembly regularly. Remember that badly worn blades will affect grass cutting, catcher fill and cause excessive mower vibration.

Change worn or damaged blades.

WARNING - Always remove the battery when working on the blade assembly. This will prevent accidental engine start.

BAR BLADE ASSEMBLY

1. Tip the lawnmower on its side.
2. Remove the centre bolt; pull the blade and carrier off the engine shaft.
3. Either sharpen and balance the old blade or fit a new one.
4. Grease the engine shaft; assemble in reverse order.
5. Torque the centre bolt to 50 Nm.

NOTE: It is recommended that you use an authorised Service Agent for any replacement, sharpening or balancing blade work.

Blade Replacement Torque Settings

Centre Bolt 50 Nm

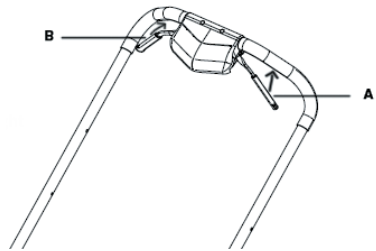


USING THE PRODUCT

Starting/Stopping The Mower

To Start The Motor:

- Open the battery door.
- Insert the battery.
- Insert the key.
- Squeeze the left drive lever (A) toward the handle and hold there, then squeeze the right drive lever toward the handle (B) and hold there to start the lawnmower.



To Stop The Motor:

- Release both drive levers.

Soft-Start

This LI-ION mower is equipped with a "soft-start" feature. When initially starting up, the mower will take approx. 3 seconds to get up to full speed. If the mower does not initially start: Remove the battery and check under the mower deck to ensure there is nothing obstructing the blade and that the blade can spin freely by hand. Even a small amount of grass on start up will prevent the "soft-start" from turning the mower on.

WARNING - Do not attempt to override the operation of the safety lock-out button or drive levers.

WARNING - The operation of any mower can result in foreign objects being thrown into the eyes, which can cause severe eye damage. Always wear safety glasses while operating the mower and while performing any adjustments or repairs

WARNING - Ensure that other people and pets remain at least 30 m away when the mower is in use.

Inspect The Cutting Area

Remove all stones, sticks, wire, bones, and other debris that might be thrown by the rotating blades.

CUTTING HEIGHT ADJUSTMENT

When shipped, the wheels on the mower are set to a low-cutting position. Before using the mower for the first time, raise the cutting position to the height best suited for your lawn. The average lawn should be between 1" to 2" (2.5 to 5 cm) during cool months and between 2" and 3 1/2" (5 cm to 8.3 cm) during hot months.

The single lever height adjustment makes for easy change from one height setting to another. There are ten cutting heights available (from 10mm-65mm) and the most suitable height should be selected that best suits the grass and weather conditions. To adjust the height of cut setting, follow the steps below.

- Grip the height adjustment lever.
- Apply an outward force to the lever to disengage it from the quadrant rack setting.
- Holding the lever out, move the lever up or down the quadrant rack to the desired height.
- Engage the lever into the quadrant rack by releasing the outward force.



Image:
Height Adjustment
Lever

NOTE: When mulching, using a higher height settings will give the best mulching performance. On some models there are two holes in the axle bell cranks on the left hand side of the mower. The correct setting for connecting rod link is to have the rear of the link in the top hole and the front of the link in the lower hole.

Slope Gauge

WARNING - Slopes area major factor related to accidents involving slips and falls, which can result in serious injury. Operating the mower on a slope requires extra caution. If you feel uneasy on a slope, do not mow it. For your safety, use the slope gauge that is included as a part of this manual to measure slopes before operating this unit on a slope or hilly area.

- Mow across the face of a slope, and never up and down. Exercise extreme caution when changing direction on a slope.
- Watch for holes, ruts, rocks, hidden objects, or bumps that may cause a slip or a trip. Tall grass can hide obstacles.
- Always be sure of your footing. If you fell like you are losing your balance, release the blade motor control handle immediately. The blade will stop rotating within 3 seconds.
- Do not mow near drop-offs, ditches, or embankments, because you could lose your footing or balance.
- Do not mow a slope that has an angle of greater than 15°, as determined using the slope gauge.
- Do not mow wet or damp grass. Unstable footing can cause slipping.

WARNING - Do not mow a slope that has an angle of greater than 15° (a rise of approximately 2 1/2 feet [.75m] every 10 feet [3m]). Mow across the face of a slope, and never up and down.

MOWING TIPS

NOTE: A sharp blade will greatly enhance the performance of the mower, especially when cutting high grass. Be sure to check the blade and to sharpen it at least once per year, as described in the Maintenance section.

- Verify that the lawn is free of stones, sticks, wires, and other objects that could damage the blades or the motor. These objects could be accidentally thrown by the mower in any direction, and could cause serious personal injury to the operator and to others. In order to prevent electric shock, do not operate the mower in

in damp or wet conditions.

- Do not mow in circles. Travel back and forth across the lawn.
- When cutting thick grass, reduce walking speed in order to allow for a more effective cut and a proper discharge of the clippings.
- For a healthy lawn, always cut off one-third or less of the total length of the grass. The average lawn should be approximately 1" to 2" (2.5 to 5 cm) long during cool months, and between 2" to 3 1/4" (5 cm to 8.3 cm) long during hot months.

MULCHING TIPS

WARNING - Always wait until the engine has stopped and the blade has stopped rotating before fitting or removing the mulch plug.

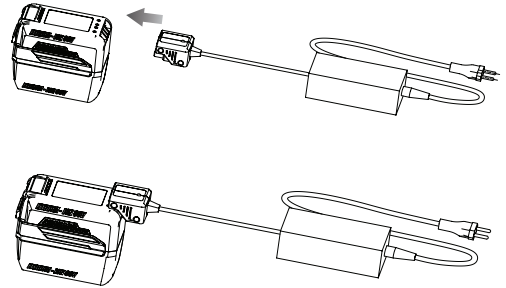
Mulch mowing is recommended at the higher end of the height of cut settings to allow a good even cut and distribution of clippings through the lawn. Mulch mowing involves different mowing practices to conventional mowing and here are a few helpful guidelines to provide the best results with your mulching mower.

- Avoid mulching the lawn in wet conditions. Wet grass will build up on the inside of the body, fall off in clumps and not spread evenly into the lawn. The best time to mulch is in the late afternoon or early evening. By this time the grass is usually dry and the sensitive, newly cut grass is not exposed to the direct sunlight.
- Limit your ground speed to suit the conditions and to obtain the best finish and distribution. The slower the forward speed the better the finish.
- Do not try to mulch on a low cutting height setting. Remember the maximum cut should be 25 mm off the top of the grass or one third of the grass height, whichever is the lesser amount.
- Always mulch at maximum throttle setting. When engine speed is reduced or the workload is too much, the blades will not mulch the grass efficiently resulting in a poor quality finish.
- Keep the blades sharp for optimum mulching performance and to reduce engine power loss and speed.
- Keep the underside of the lawnmower body clean so that the airflow is not restricted.
- If a trail of grass is visible, raise the cutting height of the mower .

- If the conditions for mulching are not ideal and/ or there are trails of clippings visible after cutting, there are several steps that you can take. Convert your lawnmower back to catcher mode to remove some of the matted grass, remove over the clippings, raise the height of cut or rake up the clippings after mowing.
- It is recommended to vary the direction of mowing from week to week to prevent matting of the grass. One-week mow east to west, the next mow north to south.
- You may notice excess clippings being dropped during turning; these areas should be removed at the end to distribute properly.

BATTERY & CHARGER

How to insert charger to battery:



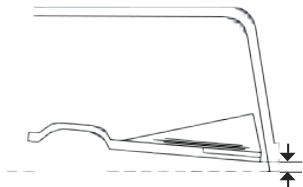
CUTTING BLADE ADJUSTMENT

WARNING - Always remove the battery when adjusting to the blade, to prevent accidental engine start.

It is essential that the relationship between the blade(s) and mower is kept in good adjustment and that the cutting edges are kept sharp to ensure good cutting performance, minimum power consumption and prolonged life for the cutting edges. Carry out the following procedures before commencing work and re-check the settings every 2 to 3 hours of mowing or when the cutting performance is noticeably reduced. During mowing, the blade tips can move relatively to the mower body through

normal work or by hitting obstructions. Check that the cutting blade(s) is correctly set to the mower body by measuring the distance between the blades and the lawnmower skirt, vertically. This distance should nominally be 3mm. Remove the battery and carefully rotate the blade(s) by hand and check the distance is nominally correct all around the mower body. If adjustment is necessary, proceed as follows.

- Remove the battery.
- Rotate the blade(s) manually until it is accessible from the rear flap.
- Using a crescent spanner on the end of the blade, apply an upward or downward force to correct the distance.
- Re-check each blade and make marginal adjustments as necessary.
- Re-insert the battery.



NOTE: If it is impossible to obtain a good clean cut, it may be necessary to take the mower to your local LawnMaster Service Dealer to have a new set of blade(s) fitted.

GRASS CATCHER

WARNING - Always shut off the motor and ensure it has stopped before fitting and removing the grass catcher or raising the rear flap.

Your rotary lawnmower can be operated with the grass catcher fitted, or removed as a utility mower.

NOTE: If the lawnmower is used with the catcher removed, the real flap must be fitted and located in the down/closed position. To fit the grass catcher, stop the motor and position ensuring the catcher tongue is located over the rear axle. Slide the catcher forward and upward; lower the flap so that the lugs on the flap locate into the square holes on top of the catcher. Your catcher is now attached.

To remove the grass catcher, stop the motor, hold the catcher by its top handle and raise the rear flap. Lift the grass catcher up and away from the lawnmower

and return the grass flap to its down/closed position.

Avoid leaving the catcher in direct sunlight when not in use. The catcher will not deteriorate if stored wet but prolonged exposure to sunlight can cause premature UV breakdown. Dust and clippings will build up inside the catcher and on its venting screen, particularly during wet weather mowing. The debris will impede the function of the catcher so it should be removed by hosing out with water when necessary.

CLEANING THE MOWER BODY

WARNING - Do not use a water hose around the motor.

There is a direct relationship between the lawnmower's life and the care and attention given to the lawnmower, both during and after operation. After use it is important that the lawnmower is thoroughly cleaned down and inspected so that it will be in good working order the next time it is required. Remove the battery and thoroughly clean the motor, and underside of the chassis, wheels and grass catcher. Do not use water to clean the underside of the mower as this may damage the electrical components of the battery mower.

CLEANING THE CATCHER

Simply hose out the catcher and screen after each use to ensure maximum mower performance and catcher fill.

EMPTYING THE GRASS CATCHER

- Stop mower, allow blades to completely stop.
- Lift the rear flap
- Lift the grass catcher by its handle to remove from mower.
- Empty grass clippings.
- Lift the rear flap and reinstall the grass catcher as described earlier in this manual.
- Do not bang the catcher on the ground when emptying the catcher.



SERVICE & ADJUSTMENTS

- Identical replacement parts are available from the manufacturer. In order to obtain replacement parts, the use of parts that do not meet the original equipment specifications may lead to improper performance, and may compromise safety.
- Before cleaning, repairing, or inspecting, verify that the blade and all moving parts have come to a complete stop. Remove the battery when making any adjustments or when any of the four wheels must be lifted off the ground.
- Keep the handles dry, clean, and free of oil and grease.
- In order to reduce the risk of fire, keep the motor free of grass, leaves, and debris build-up.
- Check the blade and motor mounting bolts for proper tightness frequently. Visually inspect blade for damage (e.g., bent, cracked, or worn).
- For best and safest performance, maintain the mower with care. Keep the mower blade sharp and clean. Mower blades are sharp, and can cut. Wrap the blades or wear gloves, and use extra caution when servicing.
- Keep all nuts, bolts, and screws tight in order to be sure that the equipment is in safe working condition.
- Never tamper with safety devices. Check them regularly for proper operation.
- After striking a foreign object, stop the motor. Thoroughly inspect the mower for any damage. Repair any damage before operating the mower.
- The grass catcher components, discharge cover, and trail shield are subject to wear and damage, which could expose moving parts or allow objects to be thrown. As a safety precaution, check these components frequently, and immediately replace any parts that show signs of wear, or that are cracked or broken. Use original equipment manufacturer's parts only.

Problem	Possible Cause	Solution
The mower does not start	<p>The battery is not charged. The switch is defective.</p> <p>Grass jammed between the deck and blade.</p> <p>The battery is not fully inserted in the mower.</p> <p>Battery may require service or replacement.</p> <p>Key not in place.</p>	<p>Charge the battery. Replace the switch.</p> <p>Remove battery; check under deck for jams.</p> <p>Check the connection between the battery and the mower. Make sure the battery clicks into place.</p> <p>Replace battery.</p>
The mower cuts the grass unevenly	<p>The lawn is rough or uneven.</p> <p>The cutting height is not set properly.</p>	<p>Check the mowing area.</p> <p>Move the wheels to a higher setting.</p>
The mower does not mulch properly	<p>Wet grass clippings are sticking to the underside of the deck.</p> <p>The mulching plug is missing.</p>	<p>Wait until the grass dries before mowing.</p> <p>Install the mulching plug.</p>
The mower is hard to push	<p>The grass is too tall, or the cutting height is too low.</p> <p>The rear of the grass catcher bag is dragging in thick grass.</p>	<p>Raise the cutting height.</p> <p>Empty the grass clippings from the grass catcher bag.</p>
The mower is excessively noisy and vibrates	<p>The motor shaft is bent.</p> <p>The blade is unbalanced.</p>	<p>Stop the motor, and inspect for damage.</p> <p>Repair before restarting.</p>

TRANSPORTING LITHIUM BATTERIES

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.

RECYCLING & DISPOSING

When you decide to get rid of the machine, make sure to follow the local regulation. The batteries used in this mower's battery pack contain the following toxic and corrosive material: LITHIUM-ION.

WARNING - Toxic materials must be disposed of in a specified manner in order to prevent contamination of the environment. Before disposing of damaged or worn out Lithium-Ion battery packs, contact your local waste disposal agency for information and specific instructions. Take the battery to a local recycling and/ or disposal centre that is certified for disposal. If the battery pack cracks or breaks, whether it leaks or not, do not recharge it and do not use it. Dispose of it and replace it with a new battery pack. **DO NOT ATTEMPT TO REPAIR IT!**

Follow these instructions in order to avoid injury and the risk of fire, explosion, or electric shock, and to avoid damage to the environment:

- Cover the battery's terminals with heavy-duty adhesive tape.
 - Do not attempt to remove or destroy any of the components of the battery pack.
 - Do not attempt to open the battery pack.
 - If a leak develops, the electrolytes that are released are corrosive and toxic. Do not get the solution in the eyes or on the skin, and do not swallow it.
 - Do not place batteries in regular household trash.
 - DO NOT incinerate batteries.
 - DO NOT place batteries where they will become part of any waste landfill or municipal solid waste stream.
 - Dispose of batteries at a certified recycling or disposal center.
- Package materials are recyclables. Please, throw them away in the appropriate trash can.

GUARANTEE

WARRANTY

Subject to the following conditions, the rotary lawnmower comes complete with a three-year comprehensive parts and labour warranty; with the exemption of domestic mowers being used for commercial, institutional, industrial rental or income producing purposes which are limited to 90 days of warranty.

Additionally, the rotary lawnmowers come with a lifetime warranty on the alloy chassis only.

1. This warranty does not include the engine and batteries (if fitted), which are covered by separate manufacturers warranties.
2. This warranty excludes normal wear and tear, misuse, neglect, accidental damage or defects arising from failure to comply with instructions as outlined in this owners manual. Wearing parts such as blades, blade bolts, belts and spark plugs, which can be subjected, to use beyond their normal working capacity are also excluded.
3. This warranty is void if parts other than genuine spare parts have been used or if repairs have been carried out by other than authorized LawnMaster Services Dealers.
4. This warranty does not cover the cost of transportation of any part(s) but does cover the labour/parts cost incurred in repairing or replacing any defective part(s)
5. The seller reserves the right to inspect any faulty part(s) in order to determine the validity of the warranty claim or for any other reason.
6. The seller has no liability for any incidental, consequential or special damages and / or expenses resulting from any defect in their product.

SPARE PARTS

When ordering spare parts please give the following information:

Part Number, Description and Quantity Required, Machine Type/Model, Batch & Serial Number.

Steelfort Customer Services

Phone +64 6 350 1350

Address: 500 Rangitikei Steet, Palmerston North.

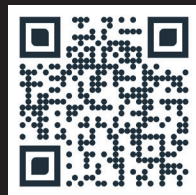
LawnMaster

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SCAN TO VIEW THE
LAWNMASTER RANGE



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