

WEV20LM33B4 33CM (13") HAND PUSH CORDLESS 20V ROTARY LAWNMOWER

Product Number: 1938347001

en - ORIGINAL INSTRUCTIONS

ASSEMBLY REQUIRED

MINIMUM TWO PERSONS

Service & Support: 01793 333212

Before use please read & understand this manual; paying particular attention to the safety instructions before use. Incorrect use of the product could put the operator or machine in danger.

Whilst every effort has been made to ensure the accuracy of information contained in this manual, our policy of continuous improvement determines the right to make modifications without prior warning.

Images are used for illustration purposes only.





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ASSEMBLY IS REQUIRED

- This product requires assembly before use.
- See "Assembly" section for instructions.
- Because of the weight and/or size of the machine, it is recommended that another adult is present to assist with the assembly.
- Inspect all components closely upon receipt to make sure no items are missing or damaged.



Read this instruction manual carefully before operating this machine. Make sure that you are familiar with the controls and properly operate the machine. Following these instructions can reduce the risk of personal injury.



SPECIFICATIONS

LAWNMOWER			
Model No.	WEV20LM33B4		
Product No.	1938347001		
Rated Voltage	20V d.c.		
No-load Speed	3300 r/min		
Protection	IPX1		
Cutting Width	33cm (13")		
No. of Cutting-Heights	5 – (25-35-45-55-65mm)		
Grass-Bag Volume	35L		
Charging Time	up to 160min		
Run Time	up to 33min		
СН	ARGER		
Model No.	WEV20C1.5		
Product No.	1938358001		
Rating	input: 240V 50/60Hz		
Nating	output: 20V 1.5A		
Protection	IPX4		
BATTERY			
Model No.	WEV20B4		
Product No.	1938357001		
Technical data	20V 4Ah 80Wh		
Protection	IPX0		

Recommended Operating Temperature	-10-40°C (14-104°F)
Recommended Storage Temperature	0-40°C (32-104°F)
Recommended Charging Temperature	5-35°C (41-95°F)



Only use authorised batteries and chargers.
Use of other branded batteries and chargers may cause injury and/or fire.

The manufacturer reserves the right to change the product specification and livery according to continued product improvements.

Consistent with our policy of continuous improvement, The Handy reserves the right to change the design and configuration of any of its products without notice or obligation. Therefore, please treat the text and images in this manual for illustrative purposes only. They may in no case serve as a basis for any legal claim.

If you require any assistance with regards to the contents or operation of your machine, please contact us: Tel: 01793 333212

Email: cs@webbgardenpower.co.uk

Opening Hours Weekdays: 8:00am - 5:00pm (CLOSED WEEKENDS & BANK HOLIDAYS)





IMPORTANT INFORMATION

INTENDED USAGE

The basic version of the equipment is a cordless lawnmower intended for private use, i.e., for use in home and domestic gardening environments. It is designed for cutting natural grass in small to medium sized gardens. Any use not expressly permitted in this manual may damage the lawnmower and pose a serious danger to the user.

DO CUT ANY OTHER FOILAGE OR MATERIAL.

The lawnmower is for private use only, whose annual operating time generally does not exceed 50 hours. Public facilities, sporting facilities and agricultural / forestry applications are excluded. Not to be used to trim bushes, hedges, and shrubs, to cut or shred climbing plants or lawns on roof gardens or in balcony boxes or to clean footpaths, nor must it be used as a chopper for shredding tree or hedge cuttings. Furthermore, the lawnmower must not be used as a cultivator or to level off uneven areas of ground, e.g., molehills. Please read this entire manual prior to operating the equipment. It instructs you how to safely and easily set up, operate and maintain your machine. Please be sure that you and any other persons who will operate the machine, always carefully follow the recommended safety practices. Failure to do so could result in personal injury or property damage.

IF NOT USED PROPERLY THIS MACHINE CAN BE DANGEROUS!

This machine can cause serious injury to the operator and others, the warning and safety instructions must be followed to ensure reasonable safety and efficiency in using this product. The operator is responsible for following the warning and safety instructions in this manual and on the machine. Never use the product unless the components are correctly positioned and operational.

TRAINING

Read the instructions carefully: Be familiar with the controls and the proper use of the equipment. Never allow children or people unfamiliar with these instructions to use the product. Local regulations can restrict the age of the operator. Keep in mind that the operator or user is responsible for accidents or hazards involving the machine that occur to other people or their property.



The operator or user is responsible for accidents and injury or damage to third parties.

The equipment is allowed to be used only for its prescribed purpose. Any other use is deemed to be a case of misuse. The user/operator and not the manufacturer will be liable for any damage or injuries of any kind resulting from such misuse. Please note that our equipment has not been designed for use in commercial, hire, trade, or industrial applications. Our warranty will be 90 days from the original date of sale for commercial, hire, trade, or industrial businesses or for equivalent purposes.



SAFETY SYMBOLS & INSTRUCTIONS

Read and understand the owner's manual and labels affixed to the machine. Learn its application and limitations as well as the specific potential hazards. Retain these instructions for future reference. The operator is responsible for following the warnings & instructions in this manual and on the product.

LAWNMOWER

LAWNMOWER	₹		
	Read & understand operator's manual before using the machine. Failure to follow instructions could result in death or serious injury. Please keep in a safe place for future reference.		Whenever the machine is in use, safety glasses must be worn to safeguard against flying objects. Hearing protection must also be used to protect the users hearing. Face masks are also recommended to avoid inhalation of debris.
	Keep all bystanders & animals away from the machine during operation. If approached, stop the machine immediately.		SHARP ROTATING BLADE Always wear gloves to protect your hands. Wear foot protection or sensible shoes when using the machine.
	Moving Parts - Rick of Injury Rotating parts can contact or entangle hands, feet, hair, clothing or accessories. Traumatic amputation or severe laceration can result.		Do not expose to rain or damp conditions. Failure to use in dry conditions and to observe safe practices can result in electric shock.
	Keep guards in place and in working order. Replace damaged, missing or failed parts before using it.		Warning; Disconnect battery before maintenance.
A	Safety alert symbol. Used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury.	DANGER	Indicates an imminently hazardous situation which, if not avoided, will result in serious injury.
WARNING	Indicates a potentially hazardous situation which, if not avoided, could result in serious injury.	CAUTION	Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.
CAUTION	Used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.	X	Waste electrical products must not be disposed of with household waste. Please recycle where facilities exist. Check with your local authorities or retailer for recycling advice.
	WARNING – Keep hands and feet away from the blades	STOP	Wait until all machine components have completely stopped before touching them
CE	CE Marking - the product meets demand and regulations set by the EU.	LwA XXdB	Noise Level - See label on machine



CHARGER

<u>↑</u>	Read & understand operator's manual before using the machine. Failure to follow instructions could result in death or serious injury. Please keep in a safe place for future reference.	WARNING	Indicates a potentially hazardous situation which, if not avoided, could result in serious injury.
	For indoor use only.		Double Insulation
T3.15A	Fuse	X	Waste electrical products must not be disposed of with household waste. Please recycle where facilities exist. Check with your local authorities or retailer for recycling advice.
+	Positive Terminal		Negative Terminal

NOISE

Tested to fulfill all relevant provisions of Noise Emission Directive 2000/14/EC amended by 2005/88/EC: Guaranteed Sound Power Level (LwA): 96.0 dB(A)

NOTE: The declared noise emission value(s) has been measured in accordance with a standard test method and may be used for comparing one tool with another.

NOTE: The declared noise emission value(s) may also be used in a preliminary assessment of exposure.



Wear ear protection

The noise emission during actual use of the power tool can differ from the declared value(s) depending on the ways in which the tool is used especially what kind of workpiece is processed.

Be sure to identify safety measures to protect the operators that are 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).

VIBRATION

The vibration total value (tri-axial vector sum) determined according to EN 62841-1, EN IEC 62841-4-3: Vibration emission (a_h): 2.92 m/s² or less Uncertainty (K): 1.5 m/s².

NOTE: The declared vibration total value(s) has been measured in accordance with a standard test method and may be used for comparing one tool with another.

NOTE: The declared vibration total value(s) may also be used in a preliminary assessment of exposure.



The vibration emission during actual use of the power tool can differ from the declared value(s) depending on the ways in which the tool is used especially what kind of workpiece is processed.

Be sure to identify safety measures to protect the operators that are 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).



GENERAL SAFETY RULES



Before you put the machine into operation, you must read this instruction manual.

When using this machine, observe the following safety instructions to exclude the risk of personal injury or material damage. Please also observe the special safety instructions in the respective chapters. Where applicable, follow the legal directives or regulations for the prevention of accidents in relation to the use of this machine.



When using petrol tools, basic safety precautions, should always be followed to reduce the risk of serious personal injury and/or damage to the unit.

SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE.

The term "power tool" in the warnings refers to your mains operated (corded) power tool or battery operated (cordless) power tool.

WORK AREA SAFETY

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

ELECTRICAL SAFETY

- Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
- **2.** Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- 3. Do not operate the lawnmower in rain or wet conditions. This may increase the risk of electric shock.
- 4. Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
- **5.** When operating a power tool outdoors, use an extension cable suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.
- **6.** If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock.
- 7. Power tools can produce electromagnetic fields (EMF) that are not harmful to the user. However, users of pacemakers and other similar medical devices should contact the maker of their device and/ or doctor for advice before operating this power tool.

PERSONAL SAFETY

- 1. Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.
- 2. Use personal protective equipment. Always wear eye protection. Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.
- **3.** Prevent unintentional starting. Ensure the switch is in the off position before connecting to power source and/or battery, picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- **4.** Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.



- **5.** Do not overreach. Always keep proper footing and balance. This enables better control of the power tool in unexpected situations.
- **6.** Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.
- 7. If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.
- **8.** Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles. A careless action can cause severe injury within a fraction of a second.
- **9.** Always wear protective goggles to protect your eyes from injury when using power tools. The goggles must comply with EN 166 in UK & Europe.

POWER TOOL USE AND CARE

- 1. Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
- 2. Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- **3.** Disconnect the plug from the power source and/or remove the battery, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- **4.** Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users
- **5.** Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- **6.** Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- **7.** Use the power tool, accessories and tool bits etc. in accordance with these instructions, considering the working conditions and the work to be performed. Use of the power tool for operations different from its tested operation could result in a hazardous situation.
- **8.** Keep handles and grasping surfaces dry, clean and free from oil and grease. Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.
- **9.** When using the tool, do not wear cloth work gloves which may be entangled. The entanglement of cloth work gloves in the moving parts may result in personal injury.

BATTERY TOOL USE AND CARE

- 1. Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery may create a risk of fire when used with another battery.
- **2.** Use power tools only with specifically designated battery. Use of any other battery may create a risk of injury and fire.
- **3.** When battery 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.
- **4.** 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.
- 5. Do not use a battery or tool that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion, or risk of injury.
- **6.** Do not expose a battery or tool to fire or excessive temperature. Exposure to fire or temperature above 130°C may cause explosion.
- 7. Follow all charging instructions and do not charge the battery or tool outside the temperature range specified in the instructions. Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.



SERVICE

- 1. Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.
- Never service damaged batteries. Service of batteries should only be performed by the manufacturer or authorized service providers.
- 3. Follow instruction for lubricating and changing accessories.

CORDLESS LAWNMOWER SAFETY WARNINGS

- 1. Do not use the lawnmower in bad weather conditions, especially when there is a risk of lightning. This decreases the risk of being struck by lightning.
- 2. Thoroughly inspect the area for wildlife where the lawnmower is to be used. Wildlife may be injured by the lawnmower during operation.
- 3. Thoroughly inspect the area where the lawnmower is to be used and remove all stones, sticks, wires, bones, and other foreign objects. Thrown objects can cause personal injury.
- 4. Before using the lawnmower, always visually inspect to see that the blade and the blade assembly are not worn or damaged. Worn or damaged parts increase the risk of injury.
- 5. Check the grass catcher frequently for wear or deterioration. A worn or damaged grass catcher may increase the risk of personal injury.
- 6. Keep guards in place. Guards must be in working order and be properly mounted. A guard that is loose, damaged, or is not functioning correctly may result in personal injury.
- 7. Keep all cooling air inlets clear of debris. Blocked air inlets and debris may result in over- heating or risk of fire.
- 8. While operating the lawnmower, always wear non-slip and protective footwear. Do not operate the lawnmower when barefoot or wearing open sandals. This reduces the chance of injury to the feet from contact with the moving blade.
- 9. While operating the lawnmower, always wear long trousers. Exposed skin increases the likelihood of injury from thrown objects.
- 10. Do not operate the lawnmower in wet grass. Walk, never run. This reduces the risk of slipping and falling which may result in personal injury.
- 11. Do not operate the lawnmower on excessively steep slopes. This reduces the risk of loss of control, slipping and falling which may result in personal injury.
- 12. When working on slopes, always be sure of your footing, always work across the face of slopes, never up or down and exercise extreme caution when changing direction. This reduces the risk of loss of control, slipping and falling which may result in personal injury.
- 13. Use extreme caution when reversing or pulling the lawnmower towards you. Always be aware of your surroundings. This reduces the risk of tripping during operation.
- 14. Do not touch blades and other hazardous moving parts while they are still in motion. This reduces the risk of injury from moving parts.
- 15. When clearing jammed material or cleaning the lawnmower, make sure all power switches are off and the battery is disconnected. Unexpected operation of the lawnmower may result in serious personal injury.

IMPORTANT SAFETY INSTRUCTIONS



WARNING

DO NOT let comfort or familiarity with product (gained from repeated use) replace strict adherence to safety rules for the subject product.

MISUSE or failure to follow the safety rules stated in this instruction manual may cause serious personal injury.

TRAINING

- 1. Read the instructions carefully. Be familiar with the controls and the proper use of the lawnmower.
- 2. Never allow children or people unfamiliar with these instructions to use the mower. Local regulations can restrict the age of the operator.
- 3. Never operate the mower 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.** Children should be supervised to ensure that they do not play with the mower.
- 6. Physical condition Do not operate mower while under the influence of drugs, alcohol, or any medication.

DREDARATION

- 1. While operating the lawnmower, always wear substantial footwear and long trousers. Do not operate when barefoot or wearing open sandals. Avoid wearing clothing or jewellery that is loose fitting or that has hanging cords or ties. They can be caught in moving parts.
- 2. Before use, always visually inspect the lawnmower for damaged, missing or misplaced guards or shields.
- 3. Be sure the area is clear of other people before mowing. Stop the lawnmower if anyone enters the area.
- 4. Do not start the lawnmower until it is ready to be used.
- 5. Always wear protective goggles to protect your eyes from injury when using power tools. The goggles must comply with EN 166 in UK & Europe.
- Check the blades or blade bolts carefully for cracks or damage before operation. Replace cracked or damaged blades or blade bolts immediately.
- 7. Remove foreign matters such as rocks, wire, bottles, bones and large sticks from the work area before mowing to prevent personal injury or damage to the lawnmower.
- **8.** Objects struck by the cutting blade can cause severe injuries to persons. The cutting area should always be carefully examined and cleared of all objects prior to each mow.
- **9.** Watch for holes, ruts, bumps, rocks, or other hidden objects. Uneven terrain could cause a slip and fall accident. Tall grass can hide obstacles.
- **10.** Use personal protective equipment. Always wear eye protection. Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.

OPERATION

- 1. Do not overreach. Always keep your balance. Walk, never run.
- Always be sure of the footing on slopes. Mow across the face of slopes, never up and down. Exercise
 extreme caution when changing direction on slopes. Do not mow excessively steep slopes over 15°
 degrees gradient.
- **3.** Stop the mower and remove the battery, and make sure that all moving parts have come to a complete stop:
 - whenever you leave the lawnmower,
 - before clearing blockages or unclogging chute,
 - before checking, cleaning or working on the lawnmower,
 - after striking a foreign object. Inspect the lawnmower for damage and make repairs before restarting and operating the lawnmower,
 - > whenever the lawnmower starts vibrating abnormally.
- **4.** Never operate the lawnmower with defective guards or shields, or without safety devices, for example deflectors and/or grass basket, in place.
- 5. Avoid using the lawnmower in bad weather conditions especially when there is a risk of lightning.
- **6.** Always wear eye protection and stout shoes while operating the lawnmower.
- 7. Operate the lawnmower only in daylight or in good artificial light.
- 8. Start the lawnmower carefully according to the instructions and with feet well away from the blade(s).
- 9. Take care against injury to feet and hands from the lawnmower blades.
- 10. Always ensure that the ventilation openings are kept clear of debris.
- 11. Use extreme caution when reversing or pulling the mower towards you.
- **12.** Stop the lawnmower, remove the battery, if the lawnmower has to be tilted for transportation, crossing surfaces other than grass, and when transporting the lawnmower to and from the area to be used.
- 13. Do not tilt the lawnmower when switching on the motor, except if the mower 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. Always ensure that both hands are in the operating position before returning the lawnmower to the ground.
- 14. Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times.
- **15.** Do not transport the lawnmower while it is turned on.
- 16. Avoid operating the lawnmower in wet grass.



- 17. Always keep a firm hold on the handle.
- 18. Don't grasp the exposed cutting blades or cutting edges when picking up or holding the lawnmower.
- **19.** Keep hands and feet away from rotating blades. Caution Blades coast after the lawnmower is switched off.
- **20.** Stop operation immediately if you notice anything unusual. Switch off the lawnmower and remove the battery. Then inspect the machine.
- **21.** Never attempt to make cutting height adjustments while the lawnmower is running. Switch off the machine, remove the battery and then adjust cutting height.
- **22.** Release OPC/Brake lever and wait for blade rotation to stop before crossing driveways, paths, roads, and any gravel-covered areas. Also remove the battery if you leave the lawnmower, reach to pick up or remove something out of your way, or for any other reason that may distract you from what you are doing.
- **23.** If the lawnmower strikes a foreign object, follow these steps:
 - Stop the mower, release the OPC/Brake lever and wait until the blade comes to a complete stop.
 - Remove the battery.
 - > Thoroughly inspect the lawnmower for any damage.
 - Replace the blade if it is damaged in any way. Repair any damage before restarting and continuing to operate the lawnmower.
- 24. Do not start the lawnmower when standing in front of the discharge chute/opening.
- 25. If the lawnmower starts to vibrate abnormally (check immediately)
 - inspect for damage,
 - replace or repair any damaged parts,
 - check for and tighten any loose parts.
- **26.** Never direct discharged material toward anyone. Avoid discharging material against a wall or obstruction. Material may ricochet back toward the operator. Stop the blade when crossing gravel surfaces.
- 27. Do not pull the lawnmower backwards unless absolutely necessary. When you are compelled to back the mower from a fence or other similar obstruction, look down and behind before and while moving backwards.
- 28. Shut the motor off and wait until the blade comes to a complete stop before removing the battery to empty the grass catcher. Beware that the blades coast after the OPC/Brake lever has been released and motor turned off.
- 29. When you use the machine on muddy ground, wet slope, or slippery place, pay attention to your footing.
- 30. Do not submerge the machine into a puddle.
- 31. When operating the machine, pay attention to piping and wiring.

MAINTENANCE & STORAGE

- 1. Replace worn or damaged parts for safety. Use only genuine replacement parts and accessories.
- **2.** Inspect and maintain the lawnmower regularly.
- **3.** When not in use, store the lawnmower out of the reach of children.
- **4.** Keep all nuts, bolts, and screws tight to be sure the equipment is in safe working condition.
- **5.** Check the collector frequently for wear or deterioration. For storage, always make sure the collector is empty. Replace a worn collector with a new factory replacement for safety.
- **6.** Use only the manufacturer genuine blades specified in this manual.
- **7.** Be careful during adjustment of the lawnmower to prevent entrapment of the fingers between moving blades and fixed parts of the machine.
- **8.** Check the blade mounting bolt at frequent intervals for proper tightness.
- 9. Always allow the lawnmower to cool down before storing.
- **10.** When servicing the blades be aware that, even though the battery is removed and machine is switched off, the blades can still be moved manually.
- 11. Never remove or tamper with safety devices. Check their proper operation regularly. Never do anything to interfere with the intended function of a safety device or to reduce the protection provided by a safety device.
- **12.** Do not leave the machine unattended outdoors in the rain.
- **13.** When storing the machine, avoid direct sunlight and rain, and store it in a place where it does not get hot or humid. Recommended storage temperature 0-40°C (32-104°F).



BATTERY TOOL AND CARE

- Recharge only with the charger specified by Webb. A charger that is suitable for one type of battery may create a risk of fire when used with another battery.
- 2. Use power tools only with specifically designated batteries. Use of any other battery may create a risk of injury and fire.
- 3. When battery 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.
- 4. 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.
- 5. Do not use a battery, charger or tool that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
- 6. Do not expose a battery, charger or tool to fire or excessive temperature. Exposure to fire or temperature above 130°C may cause explosion.
- 7. Follow all charging, operation and storage instructions. Do not charge the battery 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. Recommended Charging Temperature 5-35°C. (41-95°F).

ELECTRICAL & BATTERY SAFETY

- 1. Do not dispose of the battery(ies) in a fire. The cell may explode. Check with local codes for possible special disposal instructions.
- 2. Do not open or mutilate the battery(ies). Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
- **3.** Do not charge the battery in rain, or in wet locations.
- **4.** Do not charge the battery outdoors.
- 5. Do not handle the charger, including charger plug, and charger terminals with wet hands.
- **6.** Do not replace the battery in the rain.
- 7. Do not wet the terminal of the battery with liquid such as water or submerge the battery. Do not leave the battery in the rain, or charge, use, or store the battery in a damp or wet place. If the terminal gets wet or liquid enters inside of battery, the battery may be short circuited and there is a risk of overheat, fire, or explosion.
- 8. After removing the battery from the machine or charger, be sure to attach the battery cover to the battery and store it in a dry place.
- **9.** Do not replace the battery with wet hands.
- 10. Avoid dangerous environments. Don't use the machine in damp or wet locations or expose it to rain. Water entering the machine will increase the risk of electric shock.

SERVICE

- Have your power tool serviced by a Webb Service Dealer or a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.
- Never service damaged batteries.



WARNING

DO NOT let comfort or familiarity with product (gained from repeated use) replace strict adherence to safety rules for the subject product.

MISUSE or failure to follow the safety rules stated in this instruction manual may cause serious personal injury.



IMPORTANT SAFETY INSTRUCTIONS FOR BATTERIES

- 1. Before using a battery, read all instructions and cautionary markings on (1) battery charger, (2) battery, and (3) product using battery.
- 2. Do not disassemble or tamper with the battery. It may result in a fire, excessive heat, or explosion.
- **3.** If operating time has become excessively shorter, stop operating immediately. It may result in a risk of overheating, possible burns and even an explosion.
- 4. If electrolyte gets into your eyes, rinse them out with clear water and seek medical attention right away. It may result in loss of your eyesight.
- **5.** Do not short the battery:
 - > Do not touch the terminals with any conductive material.
 - Avoid storing battery in a container with other metal objects such as nails, coins, etc.
 - Do not expose battery to water or rain.

A battery short can cause a large current flow, overheating, possible burns and even a breakdown.

- Do not store or use the tool & battery in locations where the temperature may reach or exceed 50°C (122°F).
- **7.** Do not incinerate the battery even if it is severely damaged or is completely worn out. The battery can explode in a fire.
- **8.** Do not nail, cut, crush, throw, drop the battery, or hit against a hard object to the battery. Such conduct may result in a fire, excessive heat, or explosion.
- 9. Do not use a damaged battery.
- **10.** The contained lithium-ion batteries are subject to the Dangerous Goods Legislation requirements. For commercial transports e.g. by third parties, forwarding agents, special requirement on packaging and labeling must be observed. For preparation of the item being shipped, consulting an expert for hazardous material is required. Please also observe possibly more detailed national regulations. Tape or mask off open contacts and pack up the battery in such a manner that it cannot move around in the packaging.
- **11.** When disposing of the battery, remove it from the tool and dispose of it in a safe place. Follow your local regulations relating to disposal of lithium-ion batteries.
- **12.** Use the batteries only with the products specified by Webb. Installing the batteries to non-compliant products may result in a fire, excessive heat, explosion, or leak of electrolyte.
- 13. If the tool is not used for a long period of time, the battery must be removed from the tool.
- **14.** During and after use, the battery may take on heat which can cause burns or low temperature burns. Pay attention to the handling of hot batteries.
- 15. Do not touch the terminal of the tool immediately after use as it may get hot enough to cause burns.
- **16.** Do not allow clippings, dust, or soil stuck into the terminals, holes, and grooves of the battery. It may cause heat, catch fire, burst and malfunction of the tool or battery, resulting in burns or personal injury.
- 17. Unless the tool supports the use of near high-voltage electrical power lines, do not use the battery near high-voltage electrical power lines. It may result in a malfunction or breakdown of the tool or battery.
- 18. Keep the battery away from children.



ONLY USE GENUINE WEBB BATTERIES

Use of non-genuine Webb batteries, or batteries that have been altered, may result in the battery bursting causing fires, personal injury and damage. It will also void the Webb warranty for the Webb tool and charger.

TIPS FOR MAINTAINING MAXIMUM BATTERY LIFE

- Charge the battery before completely discharged. Always stop tool operation and charge the battery when you notice less tool power.
- 2. Never recharge a fully charged battery. Overcharging shortens the battery service life.
- 3. Charge the battery with room temperature at 10°C-40°C (50°F-104°F). Let a hot battery cool down before charging it.
- **4.** When not using the battery, remove it from the tool or the charger.
- 5. Charge the battery if you do not use it for a long period (more than three months).



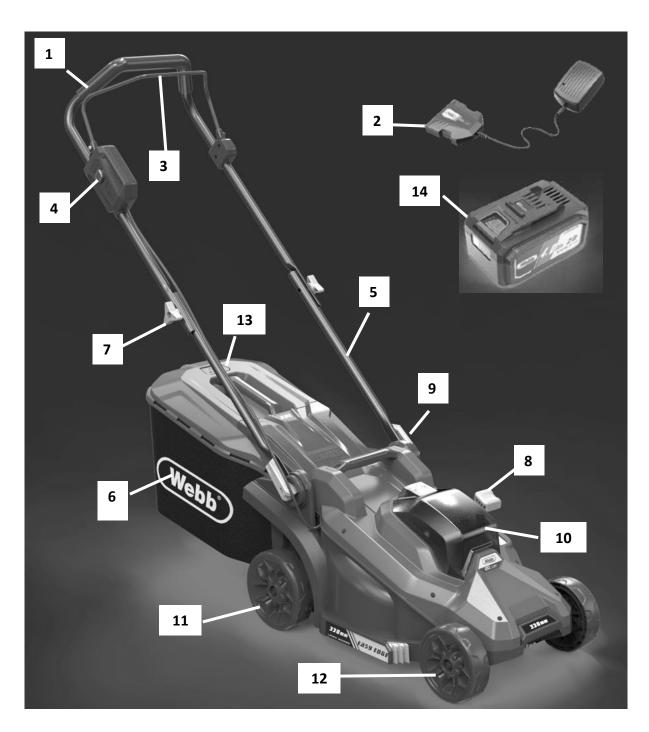
IMPORTANT SAFETY INSTRUCTIONS FOR BATTERIES

- **1.** Before charging, read the instructions.
- **2.** After charging, disconnect the charger from the mains supply. Then remove the battery from the charger.
- **3.** Do not charge a leaking battery.
- **4.** Do not use chargers for works other than those for which they are designed.
- **5.** Before charging, ensure your charger is matching the local AC supply.
- **6.** For indoor use, or do not expose to rain.
- **7.** The charger must be protected from moisture.
- **8.** Do not use the charger in the open.
- **9.** Do not short out the contacts of the battery or charger.
- 10. Respect the polarity "+/- "when charging.
- 11. Do not open the unit and keep out of the reach of children.
- **12.** Do not charge the batteries of other manufactures or ill-suited models.
- **13.** Ensure that the connection between the charger and battery is positioned correctly and is not obstructed by foreign bodies.
- **14.** Keep charger's slots free of foreign objects and protect against dirt and humidity. Store in a dry and frost-free place.
- **15.** When charging batteries, ensure that the battery is in a well-ventilated area and away from inflammable materials. Batteries can get hot during charging. Do not overcharge any batteries. Ensure that batteries and chargers are not left unsupervised during charging.
- **16.** Do not recharge non-rechargeable batteries, as they can overheat and break.
- 17. Longer life and better performance can be obtained if the battery is charged when the air temperature is between 18°C and 24°C. Do not charge the battery in air temperatures below 5°C, or above 35°C. This is important as it can prevent serious damage to the battery.
- **18.** Charge only authorised Webb 20v Lithium-ion batteries.



KNOW YOUR MACHINE - WEV20LM33B4

1.	Handle Soft Grip	2.	Charger & 3-Pin Plug
3.	OPC/Brake Lever	4.	Safety Button
5.	Lower Handle	6.	Grass Collector
7.	Handle Fixing	8.	Single Height Adjuster Lever
9.	Quick Release Handle	10.	Battery Housing Cover
11.	Rear Wheel	12.	Front Wheel
13.	Grass Collector Full Indicator	14.	20v 4Ah Battery





SET UP & PREPARATION FOR OPERATION

This product must be assembled correctly before use. Carefully remove the product and any accessories from the carton. Inspect the product carefully to make sure there are no breakages or missing items during shipping. Do not discard the packing material and carton until you have carefully inspected and satisfactorily operated the product.



If any parts are damaged or missing, do not operate this product until the parts are replaced. Failure to heed this warning 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.

Read and follow all instructions for assembly and operation. Failure to properly assemble this equipment could result in serious injury to the user or bystanders, or cause equipment damage.



The device and packaging materials are not toys!

Children must not be allowed to play with plastic bags, film, sharp objects, and small parts!

There is a risk of cuts, swallowing and suffocation!

Always be sure that the battery is removed before carrying out any work on the lawnmower. Failure to remove the battery may result in serious personal injury from accidental start-up.

Never start the lawnmower unless it is completely assembled. Operation of the machine in a partially assembled state may result in serious personal injury from accidental start-up.

ASSEMBLY

ASSEMBLY/PRE-OPERATION

This manual gives instructions on the correct assembly and safe use of your machine. It is important that you read these instructions carefully. If necessary, obtain assistance to remove from packaging, take care when carrying the mower to the lawn, the blades are sharp.

REMOVE LAWN MOWER FROM CARTON

Roll or lift (minimum two-person lift) the lawnmower out of the carton and check thoroughly for additional loose parts. Please ensure that you have all the necessary parts, before commencing with the assembly. In the unlikely event that you are missing a component, please do contact us for assistance.

If you require any assistance with regards to the contents or operation of your machine, please contact us: Tel: 01793 333212

Email: cs@webbgardenpower.co.uk

Opening Hours Weekdays: 8:00am - 5:00pm (CLOSED WEEKENDS & BANK HOLIDAYS)



Always be sure that the battery is removed before carrying out any work on the mower. Failure to remove the battery may result in serious personal injury from accidental start-up.

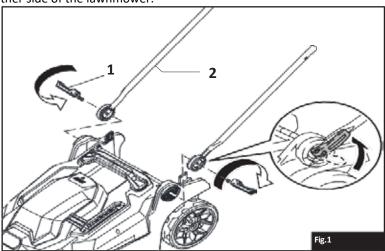
Never start the mower unless it is completely assembled. Operation of the machine in a partially assembled state may result in serious personal injury from accidental start-up.



LOWER HANDLE

NOTE: When installing handles, position the cable so that it is not caught by anything between the handles. If the cable is damaged, the mower switch may not work.

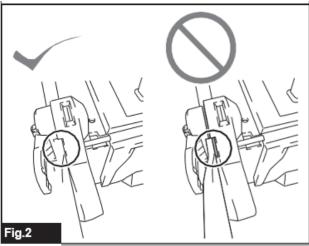
- 1. Place both ends of lower handle into the grooves of the lawnmower body.
- 2. Insert the quick release lever through the lower handle assembly.
- 3. Rotate the quick release lever clockwise and then clamp the lever against the lower handle assembly.
- **4.** If the lever is too tight, it will be impossible to clamp the lever. Rotate the lever anti-clockwise until the lever can be clamped, and the lower handle assembly is secured to the lawnmower body.
- **5.** Repeat n the other side of the lawnmower.



1. Quick Release Lever

2. Lower Handle

NOTE: Make sure that there isn't a gap between the lower handle and the mower body after the quick release levers are folded.

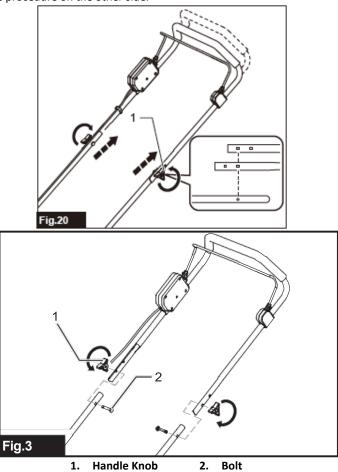




UPPER HANDLE

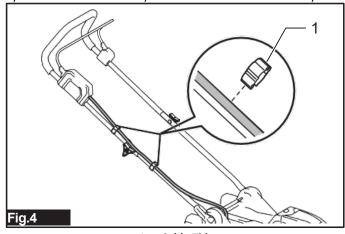
NOTE: We suggest another person is used to assist with this action. Ensure the upper handle is firmly held so that it does not fall and cause injury.

- 1. The handle height can be set/adjusted at two heights.
- 2. Align the hole in the upper handle with the hole in the lower handle.
- 3. Insert the bolt from inside, and then tighten the handle knob from outside.
- **4.** Perform the same procedure on the other side.



CABLE TIDY

1. Place the cable tidy over the handle assembly and house the cable into the tidy.



1. Cable Tidy



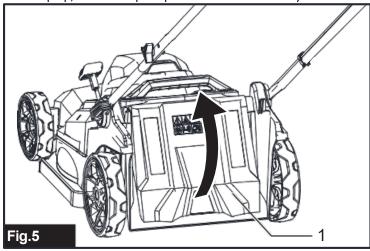
GRASS COLLECTOR

ASSEMBLY

The grass collector has been supplied assembled.

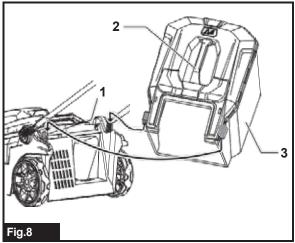
GRASS COLLECTOR

1. Lift the grass collector flap up, so that it opens past the handle assembly.



1. Grass Collector Flap

2. Hold the grass collector flap in position and place the grass collector hooks over the lawnmower legs and place into position.



- 1. Legs
- 2. Collector Handle
- 3. Collector
- **3.** Lower the grass collector flap to sit onto the grass collector.
- **4.** To remove the grass basket, open the rear cover, and then remove the grass basket by holding the handle.

Using the grass collector, ensures your cuttings are forced to the back of the collector, using air generated by the rotation of the cutting blade. Once full, stop the machine and turn off the motor by releasing the OPC/Brake lever. Remove the battery from the battery housing. Empty the grass cuttings.



OPERATION

CHARGING BATTERY



Use only authorised Webb 20v lithium-ion batteries.

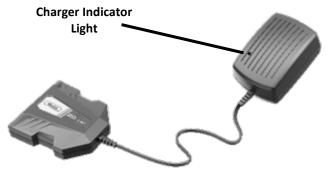
Batteries are shipped in a low charge condition to prevent possible problems. Therefore, you should charge them prior to use.

NOTE: Batteries will not reach full charge the first time they are charged. Allow several cycles (operating tool followed by recharging batteries) for them to fully charge.

TO CHARGE

- 1. Use this charger only with Authorised Webb 20v Lithium-ion batteries.
- 2. Make sure the power supply is normal house voltage, 230 volts, 50 Hz, AC only.
- **3.** Connect the charger to the power supply. The charger light will illuminate **GREEN** noting that the power is on.
- **4.** Slide the battery onto charger.
- 5. Press down on battery to be sure contacts on the battery engage correctly with the charger contacts.
- **6.** When the battery and charger are connected correctly, the charger light will illuminate a constant **RED** to indicate the battery is charging.
- 7. A constant **GREEN** light indicates the battery is fully charged.
- **8.** A minimum charge time of 80 minutes (2Ah battery) or 160 minutes (4Ah battery) is required to recharge a completely discharged battery.
- **9.** The battery will become slightly warm to the touch while charging. This is normal and does not indicate a problem.
- 10. DO NOT place a charger in an area of extreme heat or cold. It will work best at normal room temperature.
- **11.** When the battery is fully charged, unplug your charger from power supply and remove the battery from the charger.

GREEN	WITHOUT BATTERY	POWER ON
RED	WITH BATTERY	CHARGING
GREEN	WITH BATTERY	CHARGED





When in continuous operation in a tool, the battery will become hot! Allow the battery to cool down fully for approximately 30 minutes, before attempting to recharge.



INSTALLING OR REMOVING BATTERY



Always switch off the machine before installing or removing of the battery.

Hold the machine and the battery firmly when installing or removing battery. Failure to hold the machine and battery firmly may cause them to slip off your hands and result in damage to the machine and battery and a personal injury.

Make sure that you lock the battery cover before use. Otherwise, mud, dirt, or water may cause damage to the product or the battery.

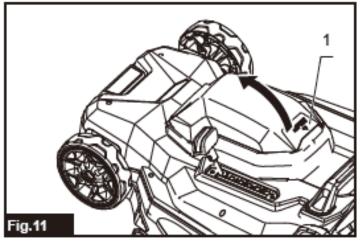
Always install the battery fully until the red indicator cannot be seen. If not, it may accidentally fall out of the machine, causing injury to you or someone around you.

Do not install the battery forcibly. If the battery does not slide in easily, it is not being inserted correctly.

Hold the battery cover firmly when installing or removing the battery.

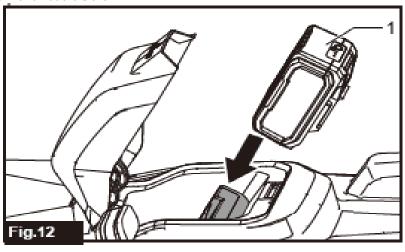
INSTALL BATTERY

1. Lift and hold up the battery cover.



1. Battery Cover

- 2. To install the battery, ensure the battery release button of the battery is at the top and the base of the battery is facing the front of the machine.
- **3.** Align the battery with the groove in the battery housing and slide it into place. Insert it all the way until it locks in place with an audible click.





REMOVE BATTERY

To remove the battery from the mower.

- 1. Open the battery cover.
- 2. Press the battery release button.
- 3. Slide out the battery from the lawnmower.
- **4.** Close the battery cover.



MACHINE & BATTERY PROTECTION

The lawnmower is equipped with a machine or battery protection system. The system can automatically cut off the power supply to the motor to extend the lifespan of the machine and battery. If the machine or battery is in one of the following conditions, the machine will automatically stop during operation.

OVERLOAD PROTECTION

When a machine or battery operates in a manner that causes it to produce an abnormally high current, the machine automatically shuts down. In this case, shut down the lawnmower and remove the factors that caused the overload. Then turn on the machine to restart.

OVERHEAT PROTECTION

When the lawnmower overheats, it will automatically stop. Let the machine cool down for a minimum period of 15 minutes before attempting to restart. When the battery overheats, the green light will blink and stop the power supply to the lawnmower. The machine automatically stops and restarts after cooling of the battery.

UNDER VOLTAGE PROTECTION

When the battery capacity is low, the lawnmower will automatically stop. If the lawnmower does start, please remove the battery, and then charge the battery to its full capacity.

PROTECTION AGAINST OTHER CAUSES

Protection system is also designed for other causes that could damage the machine and allows the machine to stop automatically. Take all the following steps to clear the causes, when the machine has been brought to a temporary halt or stop in operation.

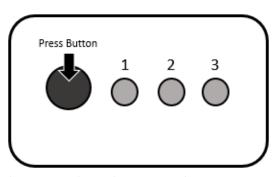
- Turn the machine off, and then turn it on again to restart.
- Charge the battery(ies) or replace it/them with recharged battery(ies).
- Let the machine and battery(ies) cool down.

If no improvement can be found by restoring the protection system, contact Webb Garden Power.

NOTE: The timing, at which the battery indicator lights illuminate, depends on the temperature at the work area and the battery conditions.



BATTERY INDICATOR



Press the check button on the battery to indicate the remaining battery capacity. The indicator lights will illuminate for a few seconds.

LED LIGHTS	BATTERY CAPACITY
LED 1,2 & 3 on	Full charged (70-100%)
LED 1 & 2 on	Battery is 35%-70% charged
LED 1 on	Battery is depleted (0%-35%). Charge the battery.

NOTE: Depending on the conditions of use and the ambient temperature, the indication may differ slightly from the actual capacity.

NOTE: The green indicator light will blink when the battery protection system works.

STARTING THE LAWNMOWER



WARNING

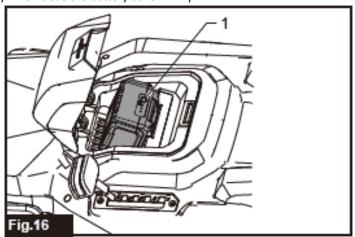
This lawnmower is equipped with a safety button. If you notice anything unusual, stop operation immediately and have it checked by your nearest Webb Approved Service Dealer.

Before installing the battery, always check to see that the OPC/Brake lever operates correctly and returns to the original position when released.

Operating a machine with a faulty lever can lead to loss of control and serious personal injury.

NOTE: The mower does not start without pressing the safety button even with the OPC/Brake lever pulled. NOTE: Mower may not start due to the overload when you try to mow long or dense grass at a time. Increase the mowing height in this case.

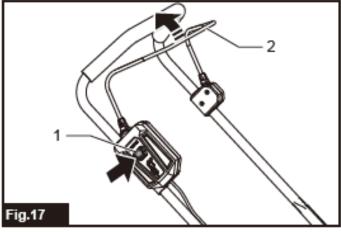
1. Install the battery. Then close the battery cover firmly.



1. Battery



- **2.** Press the safety button and hold it.
- 3. Pull the OPC/Brake Lever towards the top handle.



- 1. Safety Button
- 2. OPC/Brake Lever
- **4.** Release the safety button as soon as the motor starts running. The lawnmower will continue to run until you release the OPC/Brake lever.
- **5.** Release the OPC/Brake lever to stop the motor.

HEIGHT OF CUT



Adjust the cutting height only when the motor is switched off and battery removed from the lawnmower.

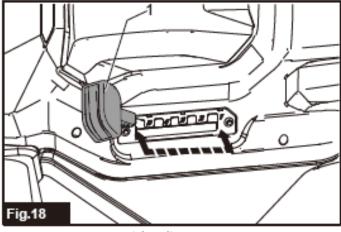
Never put your hands or feet under the mower body when adjusting the mowing height.

Always make sure that the lever fits in the groove properly before operation.

Do not touch rotating blade.

To adjust the height of cut, the machine has been supplied with a single lever, located on the left of the deck. Adjusting the height of cut should only be undertaken when the motor is off, battery removed, and the blade has come to a complete standstill.

- 1. To adjust the height of cut, grab the height of cut lever and push it away from the gauge and then lift or lower the lever to the required height of cut.
- 2. Moving the lever forward will higher the height of cut. Moving the lever back, will lower the height of cut.
- **3.** 1 = 25mm, 2 = 35mm, 3 = 45 mm, 4 = 55mm, 5 = 65mm
- **4.** Never attempt to cut long grass on the lowest cutting height. Always attempt to cut long grass at the higher cutting heights and then pass over the lawn again, selecting a lower cutting height.



1. Height Adjustment Lever



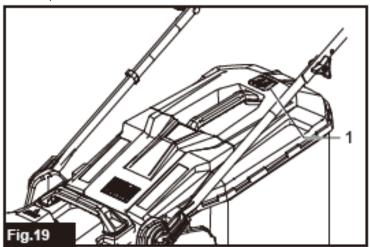
NOTE: The mowing height figures should be used just as a guideline. Depending on the conditions of the lawn or the ground, the actual lawn height may become slightly different from the set height.

NOTE: Try a test cut of the grass in a less conspicuous place to get your desired height.

GRASS COLLECTOR FULL INDICATOR

Grass level indicator shows the volume of mowed grass.

- 1. When the grass collector is not full, the indicator floats during mowing.
- 2. When the grass collector is full, the indicator does not float during mowing. In this case, stop mowing immediately and empty the collector.
- **3.** After emptying the basket, clean it so that its meshwork vents the air.



NOTE: This indicator is a rough guide. Depending on the conditions of the collector, this indicator may not work properly.

MOWING



WARNING

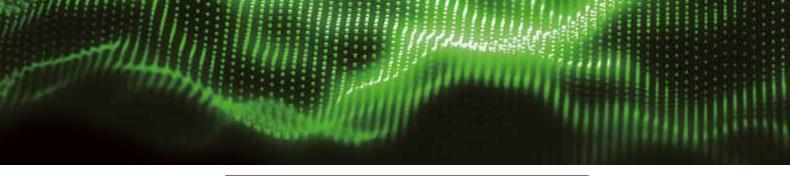
Before mowing, clear away sticks and stones from mowing area. Always wear the safety goggles or safety glasses with side shields when operating the mower.

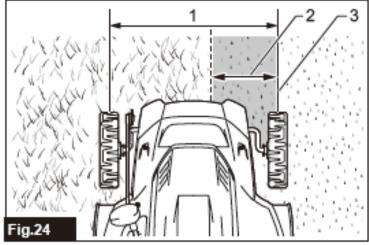


If the cut grass or foreign object blocks up inside of the mower body, be sure to remove the battery and wear gloves before removing the grass or foreign object.

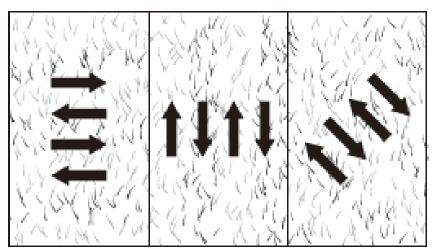
NOTE: Use this machine for mowing lawn only. Do not mow weeds with this machine.

- 1. Firmly hold the handle with both hands when mowing.
- 2. The mowing walking speed guideline is approximately 2 to 4 seconds per 1 meter.
- **3.** The centre lines of the front wheels are guidelines to mowing width. Using the centre lines as guidelines, mow in strips. Overlap by one half to one third the previous strip to mow the lawn evenly.





- 1. Mowing Width
- 2. Overlapping Area
- 3. Centre Line
- **4.** Change the mowing direction each time to prevent the grass grain pattern from forming in just one direction.



1. Periodically check the grass collector for mowed grass. Empty the grass before the collector becomes full. Before every periodical check, be sure to stop the lawnmower, and remove the battery.

NOTE: Using the lawnmower with the grass collector full prevents a smooth rotation of the cutting blade and places extra load on the motor, which cause catastrophic motor failure, not covered by the manufacturer's warranty.

MOWING LONG GRASS

1. Do not try to cut long grass all in one go. Instead, mow the lawn in steps. Mow on the highest cutting height. Leave a day or two between mows until the lawn becomes evenly short.

NOTE: Mowing long grass to a short length all in one go may cause the grass to die. The cut grass may also block up inside of the mower body or wrap around the blade and motor shaft.

GRASS COLLECTION

- 1. Select your required height of cut setting.
- **2.** Press the safety button and pull the OPC/Brake lever up to the top handle.
- **3.** Release the safety button.
- 4. Keep a firm grip on the top handle with OPC/Brake lever always engaged when attempting to cut.
- **5.** As soon as grass clippings start to trail the lawnmower, or the collector full indictor stops hovering, it is time to empty the grass collector.

NOTE: Before taking off the grass collector, switch off the motor by releasing the OPC/Brake lever, remove the battery from the battery housing and wait until the blade has come to a stop.



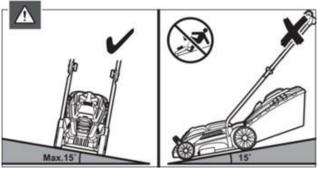
EMPTYING THE GRASS COLLECTOR

- 1. As soon as grass clippings start to trail the lawnmower, it is time to empty the grass collector.
- 2. Stop mower and allow blades to completely stop.
- 3. Open battery cover.
- 4. Remove switch key and battery.
- 5. Lift the rear grass flap.
- 6. Lift the grass catcher by its handle to remove from mower.
- 7. Empty grass clippings.
- 8. Lift the rear grass flap and reinstall the grass catcher as described earlier in this manual.

NOTE: If any grass residue is caught in the discharge chute, clean it using a brush. Do not remove grass debris in the mower deck or on the blade by hand or with your feet. Instead use suitable tools such as a brush or broom. To ensure that the cut grass can be collected into the grass collector, the discharge opening and inside the mower deck must be cleared of any blockage.

CUTTING ON SLOPES

When cutting on slopes, ensure your footing is secure, the grass is not wet, and the machine is used across the slope and not up or down the slope. The slope gradient should not exceed 15°.



MOWING INSTRUCTIONS

- 1. Walk, never run with the mower, be very careful when mowing uneven or rough ground.
- 2. Be careful when changing the direction of the mower on a slope. Mow across the face of slopes, never down or up.
- 3. Do not mow excessively steep slopes.
- **4.** Best results will be achieved if the grass is dry. Wet grass will clog the blade & grass collection system.
- **5.** Grass grows at different rates at different times of the year. Never use the lowest cutting height for the first cut of the season or in drought conditions.
- **6.** Do not remove grass debris in the mower deck or on the blade by hand or with your feet. Instead use suitable tools such as a brush or broom.
- 7. Check that all nuts, bolts, and screws are well tightened.
- 8. Before mowing make sure that the blade and the blade fixing bolts are securely fastened. When blade cutting edges require re-sharpening, this must be done evenly on both sides, to prevent any imbalance. If you are unsure how to sharpen the blade, please visit your local Webb Approved Service Dealer or trained garden machinery expert. If the blade is damaged, it and the bolt must be replaced.
- **9.** When mowing, always wear a long trousers and strong footwear.
- 10. Work only when there is natural or sufficient artificial light.
- **11.** Turn off the motor and remove the battery if you must leave the lawnmower unattended.
- **12.** Never lift the rear of the mower while starting the motor and never place your hands and feet underneath the deck or into the rear discharge chute while the motor is running.
- 13. Never change in any way the rated speed of the motor.
- **14.** Never lift or carry the lawnmower while the motor is running.
- 15. Stop the motor and remove the battery in these cases:
 - Before any operation under the deck or the rear discharge chute.
 - Before any maintenance, repairing or checking operations.
 - Before carrying, lifting, or removing the mower.
 - If you leave the mower unattended or changing the cutting height.
 - To remove and emptying the grass collector.



- After hitting a foreign object, stop the motor and check thoroughly the mower to see if it is damaged. Take the machine to a local Approved Service Dealer for inspection if necessary. Repairs of this nature are not covered under the Manufacturer's warranty.
- If the mower vibrates in an abnormal way, find the reasons why, and take your mower to a local Approved Service Dealer.



After the motor has stopped, the blade will still rotate for a couple of seconds.



Operating on gradients could cause the machine to tip over.

Allowing anyone to operate this machine without proper instruction may result in injury.

Wear sturdy, full coverage footwear. Operating this machine with bare feet, or with open toe shoes or sandals increases your risk of injury.

Do not use the machine at night or in poor light.

Be sure to transport the machine from one place to another with the motor off.

Be sure to wear heavy gloves when cleaning underside of the deck or handling the blade.

To prevent damage, check the machine for any signs of damage or other faults when operated.

MAINTENANCE, CLEANING & STORAGE



WARNING

Improper maintenance & storage of the machine may void your warranty. Keep the machine clean for better and safer performance.

Turn off the motor and remove the battery before performing any maintenance.

Always remove the battery when the mower is not in use. Store the battery in a safe place out of reach of children.

Wear gloves when performing inspection or maintenance.

Always wear the safety goggles or safety glasses with side shields when performing inspection or maintenance.

NOTE: Never use gasoline, benzine, thinner, alcohol or the like on the deck and other components. Discoloration, deformation or cracks may result.

To maintain product SAFETY and RELIABILITY, repairs, any other maintenance or adjustment should be performed by Approved Service Dealers or fully trained garden machinery experts, always using original replacement parts.

MAINTENANCE

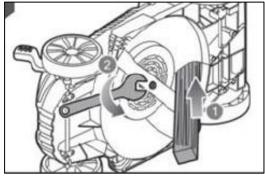
- Use only original equipment replacement parts. Other parts may not perform as well, may damage the unit, and may result in injury. In addition, use of other parts may invalidate your warranty.
- Before each use, check all nuts & bolts to be sure they are sufficiently tightened.
- We recommend only manufacturer original parts are used when maintaining this machine. Failure to do so could invalidate your manufacturer's warranty.
- The motor must be switched off, with the battery removed, before the machine is unassembled, cleaned, serviced, or maintained.



CUTTING BLADE

When removing the cutting blade assembly, protect your hands with a pair of heavy-duty gardening gloves.

- 1. Secure the blade with a large block of wood, to stop the blade from rotating.
- 2. Remove the blade bolt and washer, by turning a spanner anti-clockwise.



1. Large Block of Wood

2. Spanner



WARNING

Periodically inspect the blade adaptor for cracks, especially if you strike a foreign object. Replace where necessary.

SHARPENING CUTTING BLADE

NOTE: This action should only be undertaken if you are confident in lawnmower maintenance. Incorrect sharpening of the blade can cause an imbalance and excessive vibration to the machine.

For best mowing performance, the mower blade must be kept sharp. A dull blade does not cut grass evenly and overloads the motor. Under normal circumstances, sharpening the blade twice during the mowing season is usually enough. However, if your lawn has sandy soil, more frequent action may be required.

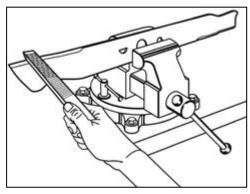
Following the instructions in the **Replacing the Cutting Blade** section, remove the mower blade. DO NOT attempt to sharpen the blade while it is attached to the mower.



WARNING

When removing, inspect the blade carefully. If blade is bent or damaged, replace immediately with a new Webb blade. Failure to replace a bent or damaged blade could cause an accident resulting in possible serious injury.

1. Using a fine-tooth file or stone, sharpen cutting edges on both ends of the blade, removing equal amounts of material from both ends.





BALANCING THE BLADE

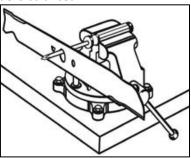
When sharpening, care should be taken to keep the blade balanced. An unbalanced blade will cause excessive vibration when the mower is running. This vibration will eventually cause damage to the mower, especially the motor.

To check blade balance:

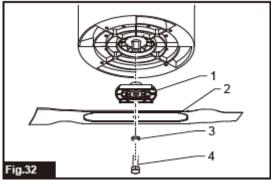
2. Clamp a screwdriver horizontally in a vice as shown.

NOTE: If a vice is not available, a straight nail can also be used.

- 3. Place the centre hole of blade on the screwdriver (or nail) shank.
- **4.** If blade is balanced, it will remain in a horizontal position. If either end of the blade drops downward, sharpen the heavy side until the blade is balanced.



5. Be sure to install the blade assembly with the side of the blade marker with the part number, facing to the ground, when the lawnmower is in the operating position.



- 1. Blade Bolt
- 2. Blade Washer
- 3. Cutting Blade
- 4. Blade Boss

- **6.** Slide the blade boss onto the motor crankshaft.
- **7.** Place the blade assembly onto the blade adaptor. Ensure the blade is aligned with and seated on the blade boss.
- **8.** Place washer onto the blade.
- **9.** Replace the blade bolt.
- **10.** Tighten by rotating the spanner, clockwise until secure. The recommended torque for the blade nut is 350-400 in. lbs. (39.4-45.1Nm).

NOTE: To ensure safe operation of your lawnmower, the blade bolt must be checked periodically for correct torque.



WARNING

Install the mower blade carefully. It has a top/bottom facing.

Tighten the bolt clockwise firmly to secure the blade.

Make sure that the mower blade and all the fixing parts are installed correctly and tightened securely. When you replace the blade, always follow the instructions provided in this manual.



CLEANING



Remove the battery from the lawnmower before undertaking any cleaning exercise. Ensure sturdy gloves are warn when attempting to cleaning the cutting deck discharge chute areas.



Do not use a water hose or pressure washer to clean the machine or cutting deck. Water can damage the motor.

- Keep your machine clean. Thoroughly clean the machine at the end of each use, paying attention to gras in and around the cutting area and discharge chute.
- 2. Carefully clean the underside of the cutting deck with a stiff brush after each cut; remove the grass debris and mud accumulated inside the deck to prevent it drying.

COLLECTOR CLEANING

- 3. Pores in the grass collector can become filled with dirt and dust during use which will cause the machine to collect less grass. To prevent this, remove the collector from the machine, hose the collector with water and let it dry before re-using.
- 4. Keep the top of the motor housing vents clear and clean of grass clippings and dust. This will assist with motor air flow and extend the machine life.
- 5. Always keep the lawnmower, wheel axles and air vents clean. Use a brush or cloth to clean it, avoid cleaners and solvents.
- **6.** Check covers and guards for damage and improper attachment. If necessary, change the components.

LUBRICATE

All the bearings in this product are lubricated with enough high-grade lubricant for the life of the unit under normal operating conditions. Therefore, no further bearing lubrication is required.

At the beginning and end of each mowing season:

- 1. Lubricate the springs on the rear discharge door with light maintenance oil.
- 2. Lubricate the height adjustment lever and related hardware with light maintenance oil.
- 3. Remove the wheels and lubricate the surface of the axle bolt and the inner surface of the wheel with light maintenance oil.
- 4. Remove the blade and blade hub assembly and lubricate the motor shaft with light maintenance oil. See Replacing the Cutting Blade for instructions on removing the blade.

STORAGE & TRANSPORT

The following steps should be taken to prepare your machine for storage.



CAUTION

The motor/battery must have completely cooled down before storing.

NOTE: When storing any type of power equipment in an unventilated or material storage shed

- 1. For trouble free service, make sure the machine is clean and dry before storing.
- 2. Keep the lawnmower in a dry place out of children's reach. Do not cover the lawnmower, moisture may
- 3. Store indoors or in a safe dust free area, locked protected area during severe weather and winter months. If storing for an extended period, inspect, clean and repair the machine if necessary. Please ensure the machine is stored away from direct sunlight.
- 4. Be careful not to bend or kink cables.
- 5. Ensure the machine is stored in a position, where any persons cannot step on to attempt to reach items up high, due to risk of movement.



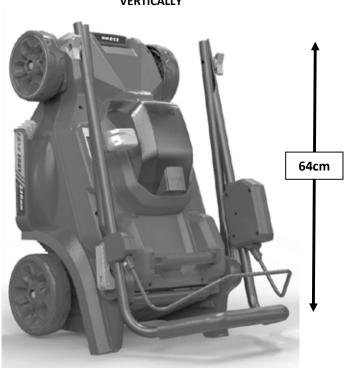
STORAGE OPTIONS

Due to the folding handle assembly supplied with this machine, it is possible to house it in the smallest of areas, either vertically or horizontally.



When folding the handle assembly, please ensure the cables are free from crimping or entrapment. Any damage caused to the cables in not covered by the manufacturer's warranty.

VERTICALLY



HORIZONTALLY





TRANSPORT

- Always remove the battery from the lawnmower when transporting.
- Clean the cooling fins of the cylinder and the housing.
- Use the original packaging to ship whenever possible.

MAINTENANCE INFORMATION

Please note that the following parts of this product are subject to normal or natural wear and that the following parts are therefore also required for use as consumables. Wear & Tear parts*: Carbon brushes, cutting blade, collector (* Not necessarily included in the scope of delivery!)

DISPOSAL & RECYCLING

The equipment is supplied in packaging to prevent it from being damaged in transit. The raw materials in this packaging can be reused or recycled. The equipment and its accessories are made of various types of material, such as metal and plastic. Defective components must be disposed of as special waste. Ask your dealer or your local council.



TROUBLE SHOOTING



Switch off the lawnmower and remove the safety key & battery before inspecting, cleaning or working on the thread.

Problem	Possible Cause	Solution
The mower fails to start	 The battery is depleted. The battery is not attached to the mower. Battery or mower circuitry is too hot. The handle is not set at one of the operating positions. Mower deck is clogged with grass and debris. 	 Charge the battery. Attach the battery to the mower. Allow the battery or mower to cool down. Adjust the handle to the one of the operating positions. Clean the mower deck and make certain that the blade has freedom of movement.
The mower cuts unevenly.	 Dull blade. The cutting height is not set properly. The blade is assembled incorrectly. 	 Sharpen or replace blade. Raise the blade to a higher setting. Reassemble the blade, following the section "Replacing the Cutting Blade" in this manual.
Mower stops while mowing	 The battery is depleted. Mower is in overload condition. Mower deck is clogged with grass and debris. Battery or mower circuitry is too hot. 	 Charge the battery. Raise cutting height or slow down the mowing. Unclog mower deck. Raise cutting height or cut a narrow swath. Allow the battery or mower to cool down.
Mower does not mulch properly.	 Wet grass clippings are sticking to the underside of the deck. The mower is set to cut too much grass. 	 Wait until the grass dries before mowing. Raise the blade to a higher setting.
Excessive vibration	 Cutting blade is loose. Cutting blade is unbalanced. Bent cutting blade. Bent motor shaft. 	 Tighten the blade bolt. Balance the blade following the instructions. Replace the blade. Contact your local Approved Service Dealer.

If you can't fix the fault yourself, contact your local Approved Service Dealer. Please be aware that any improper repairs will also invalidate the warranty and additional costs may be incurred.





REPLACEMENT PARTS

Please find on the following pages, parts lists and drawings for your machine. Should you require a replacement part, please email parts@webbgardenpower.co.uk for assistance or visit www.webbgardenpower.co.uk to order.

Webb recommends the use of Handy Parts oils, fuel additives, nylon lines pre-packed parts for all our machines.









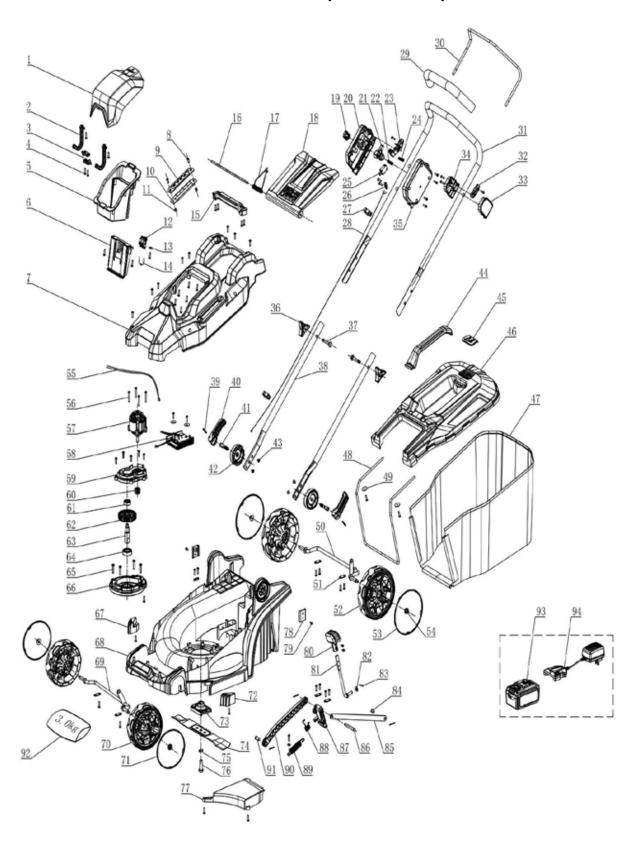








PARTS DIAGRAM – WEV20LM33B4 (1938347001)





PARTS LIST - WEV20LM33B4 (1938347001)

Item No.	Webb Part No.	Webb Description	Qty	
1	WE231-612005	Battery Cover	1	
2	WE231-612006	Battery Cover Hinge	2	
3	WE231-612014	Battery Cover Fixed Shaft	2	
4	WE231-92426	Screw ST4x16	61	
5	WE231-612001	Battery Housing	1	
6	WE231-612002	Battery Fixing Plate	1	
7	WE231-612000	Upper Deck	1	
8	WE231-92433	Screw M5x16	2	
9	WE231-612008	Height Adjuster Plate	1	
10	WE231-612007	Height Adjuster Cover	1	
11	WE231-99121	Nut M5	2	
12	WE231-612003	Battery Connector	1	
13	WE231-94249	Flat Pad φ12×φ4.3×0.8	2	
14	WE231-612017	Resistor	1	
15	WE231-612004	Deck Handle	1	
16	WE231-604288 Rear Flap Shaft		1	
17	WE231-604289	Rear Flap Torsion Spring	1	
18	WE231-604285	Rear Flap	1	
19	WE231-605385	Safety Button	1	
20	WE231-607126	Switch Box	1	
21	WE231-605386	Lever Knob 1	1	
22	WE231-605398	Switch Press Spring	1	
23	WE231-605133	Switch Board	1	
24	WE231-605399	Safety Button Spring	1	
25	WE231-605410	Microswitch	1	
26	WE231-605384	Cable Clamp	2	
27	WE231-605127	Cable Tidy	2	
28	WE231-605395	Cable	1	
29		Handle Rubber (see 31)		
30	WE231-605414	OPC/Brake Lever	1	
31	WE231-605413	Upper Handle with Rubber	1	
32	WE231-605389	Lever Knob 2		



Item No.	Webb Part No.	Webb Description	Qty	
33	WE231-605387	Lever Seat	1	
34	WE231-605388	Lever Seat Cover	1	
35	WE231-607127	Switch Cover	1	
36	WE231-605098	Handle Tri-Knob	2	
37	WE231-91146	Square Neck Bolt M8x45	2	
38	WE231-605383	Lower Handle	2	
39	WE231-606514	Pin φ4x22	2	
40	WE231-605130	Quick Release Handle	2	
41	WE231-91145	Quick Release Bolt M8x50	2	
42	WE231-605128	Rotating Support Cover	2	
43	WE231-92422	Screw ST4x8	4	
44	WE231-604284-02	Grass Collector Handle	1	
45	WE231-604284-03			
46	WE231-604284-01	·		
47	WE231-604290 30L Collector Bag		1	
48	WE231-604291 30L Collector Frame		1	
49	WE231-94356 Washer φ20xφ4x1.5		4	
50	WE231-606498	Rear Axle	1	
51	WE231-606496	Axle Clamp Plate	6	
52	WE231-606500-01	160mm Wheel	2	
53	WE231-606500-02	160mm Wheel Trim	2	
54	WE231-90060	Nut M6	4	
55	WE231-605397	Power Wire	1	
56	WE231-92427	Screw ST4x30	4	
57	WE231-607131	Brushless Motor	1	
58	WE231-607125	330 Controller	1	
59	WE231-601314	Gearbox Upper	1	
60	WE231-606495	Pinion	1	
61	WE231-606504	Bearing 6000-ZZ	1	
62	WE231-606494	Pulley	1	
63	WE231-601326	Output Shaft	1	



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Item No.	Webb Part No.	Webb Description	Qty	
64	WE231-606505	Bearing 6003-ZZ	1	
65	WE231-92431	Screw ST4.8x25	4	
66	WE231-601315	Gearbox Lower	1	
67	WE231-601317	Grasscomb Right	1	
68	WE231-601313	Lower Deck	1	
69	WE231-606497	Front Axle	1	
70	WE231-606499-01	140mm Wheel	2	
71	WE231-606499-02	140mm Wheel Trim	2	
72	WE231-601316	Grasscomb Left	1	
73	WE231-602088	Blade Boss	1	
74	WE231-602089	Blade (330)	1	
75	WE231-94311	Spring Washer φ10	1	
76	WE231-91153			
77	WE231-601318	Exit Chute Plate	1	
78	WE231-601319	Nut Retaining Plate	2	
79	WE231-92423	Screw M4x8	4	
80	WE231-603139	Height Adjustor Handle	1	
81	WE231-603145	Height Adjustor Lever	1	
82	WE231-94043	Washer ф16xф8.4x2	1	
83	WE231-93103	Pin φ2x20	4	
84	WE231-603149	Connecting Pin 2 φ10x12	1	
85	WE231-603142	Back Connecting Rod	1	
86	WE231-603150	Connecting Pin 3 φ10x58	1	
87	WE231-603141	Height Bracket	1	
88	WE231-603151	Torsion Spring	1	
89	WE231-603152	Height Adjustor Tension Spring	1	
90	WE231-603140	Front Connecting Rod	1	
91	WE231-603148	Connecting Pin 1 ϕ 10x20.5	.5 1	
92	WE231-607136	Counterweight	N/A	
93	WEV20B4	20V 4Ah Battery	1	
94	WEV20C1.5	1.5A Charger		



This Service Book is provided with your Webb, to help you look after your purchase to our recommendations and enable you to take advantage of the conditional manufacturer domestic warranty*.

Present this service book to your authorised Webb repair dealer, whenever a service or a warranty appraisal is required.

The booklet is applicable to the following products, in the UK only:
Ride On Lawn Tractors
Cylinder Lawnmowers
Petrol Rotary Lawnmowers
Petrol Hand Held Range

Please register your machine using the following pages or at www.webbgardenpower.co.uk. By registering your machine, you agree to maintain the machine in accordance with the service schedules specified in this manual and services duly recorded. (Not applicable for Webb electric handheld machines). You may be asked to produce this booklet as proof of servicing in the event of a claim. Proof of purchase should also be kept as a reference.

Ensure you have the following information available from your machine product label. The two examples below can be found on your machine:



- 1. Model Number
- 2. Serial & Product Number



Users Statement of Warranty

Each new machine is warranted against defective material or assembly of material under normal usage. The warranty applies to the original purchaser and covers faulty parts and the labour involved in replacing and repairing those parts, which are of original manufacture.

All claims must be accompanied by evidence of the date of purchase, such as a Sales Receipt showing that the product has been purchased from an approved retailer, it was brand new at time of purchase, which is within the warranty time period.

Period of Warranty

Webb (Green Products)

- a) 3 years from the original date of sale to the first domestic user. (2 years batteries & chargers)
- b) 90 days from the original date of sale to the professional/commercial user.
- c) 90 days from the original date of sale when used for hire.
- d) A reduced warranty period of 90 days applies to those items which are subject to normal wear and tear (e.g. but not limited to wheels, tyres, cutter bars, cylinders, cutting blades, blade boss, belts, cables, nylon line & spool, collection bags, engine spark plugs, electric plug fuses).
- e) Engines are supplied with a separate warranty to the machine. The engine manufacturers warranty statement which will be supplied within the engine instruction manual. All enquiries and warranty repairs should be discussed with the engine manufacturer or approved warranty repair dealer.
- f) 90 days from the original date of purchase for Replacement Spare Parts (unless normal wear & tear component, which are covered for 30 days).
- g) All machines' must be serviced within the first 12 & 24 months from the original date of purchase to comply with the warranty (if applicable), failure to do so will invalidate the 2nd & 3rd years of the warranty.

All warranty repairs must be undertaken by an authorised service dealer. These dealers have been accredited by GJ Handy (Trading) Ltd and agree to only use genuine parts and follow our repair procedures.

Not covered by this warranty

- a) Error in assembly by user in accordance with manufacturers instructions.
- b) Incorrect operation of product in accordance with manufacturers instructions.
- c) The defect is due to accident, misuse, unauthorised modification or inexpert repair.
- d) The warranty policy does not cover any depreciation or damages caused by ordinary wear, rusting or corrosion, lack of correct maintenance or operation, misuse, abuse, lack of transportation or accident.
- e) The warranty policy does not cover any costs necessary for the standard periodic maintenance services instructed by the operator's manual, or service parts replacement which would include oil, filters, tyres, belts, brake linings, fuses, blades, seals and other service parts unless it can be proven that the item has evidence of faulty manufacture.
- f) The warranty policy will not cover failure or damage caused as a result of parts or accessories being modified without the written approval of GJ Handy (Trading) Ltd.
- g) The warranty policy will not cover the unit if non-genuine parts have been fitted and as a result damage has occurred to the unit.



a) The warranty policy is non-transferable and is only applicable to the original purchaser.

Disclaimer

- a) This warranty is only a remedy for defect of products. GJ Handy (Trading) Ltd will never warranty in terms of the merchantability or the fitness for a particular purpose.
- b) No person is authorised to make any warranties, representations or promises, expressed or implied, on behalf of GJ Handy (Trading) Ltd, or to modify the terms conditions or limitation of this warranty policy in any way.
- c) Neither GJ Handy (Trading) Ltd nor any company affiliated with GJ Handy (Trading) Ltd shall be liable in any event or manner whatsoever for incidental or consequential damages or injuries, including, but not limited to, loss of crops, loss of profit, out of pocket expenses or profits, rental of substitute equipment or other commercial losses.

General

- a) Most warrantable failures show up within the first few weeks of use. These failures are usually straightforward and warranty assessment is relatively easy.
- b) Failures relating to cutter decks and belts need careful investigation, as the cause may not always be straightforward. Look for damage to blades and pulleys especially when the cutter belt or blade boss have snapped or cracked as this could be due to impact damage.
- c) Customers should always refer to the operator/instruction manual when any disputed problem arises, you will find most areas covered within the manual.

Protecting your machine

Maintenance

Regular maintenance of your Webb machine is essential to ensure it operates, safely, efficiently and therefore reducing the environmental impact.

It is the owner's responsibility to ensure that their Webb machine is maintained at specific intervals. Any approved Webb service dealer can undertake a service, which are specialised in our products and will be aware of your particular machine and any technical updates which will save valuable time & money.

If you are using your machine in dry, dusty or high temperatures, you will need to service the machine more regularly.

Fuel (if applicable)

Due to ongoing efforts by fuel companies to reduce emissions, unleaded petrol will oxidize & deteriorate in storage overtime, leaving residue from detergent components.

Fuel deterioration problems may occur when petrol is stored for over 30 days. If you are planning to store fuel for over 30 days, we recommend you add Handy Parts Sure-Start fuel stabilizer to fresh fuel after purchasing. Sure-Start cannot reconstitute stale fuel.

Storage

When storing your machine for an extended period, we do recommend that you follow the instructions of engine instruction manual.

Always store the fuel in a clean, approved and sealed container. If the container is steel, ensure it is not corroded. If the container is not filled to its recommended capacity, air can accelerate fuel deterioration. Always store fuel away from direct sunlight, in a dark, cool environment.



Your servicing Webb approved dealer will stamp & date the below relevant sections, when the correct service actions have been completed.

PLEASE ENSURE THE SERVICE BOOK IS AVAILABLE FOR THE DEALER, DURING SERVICE WORK.

1st Service

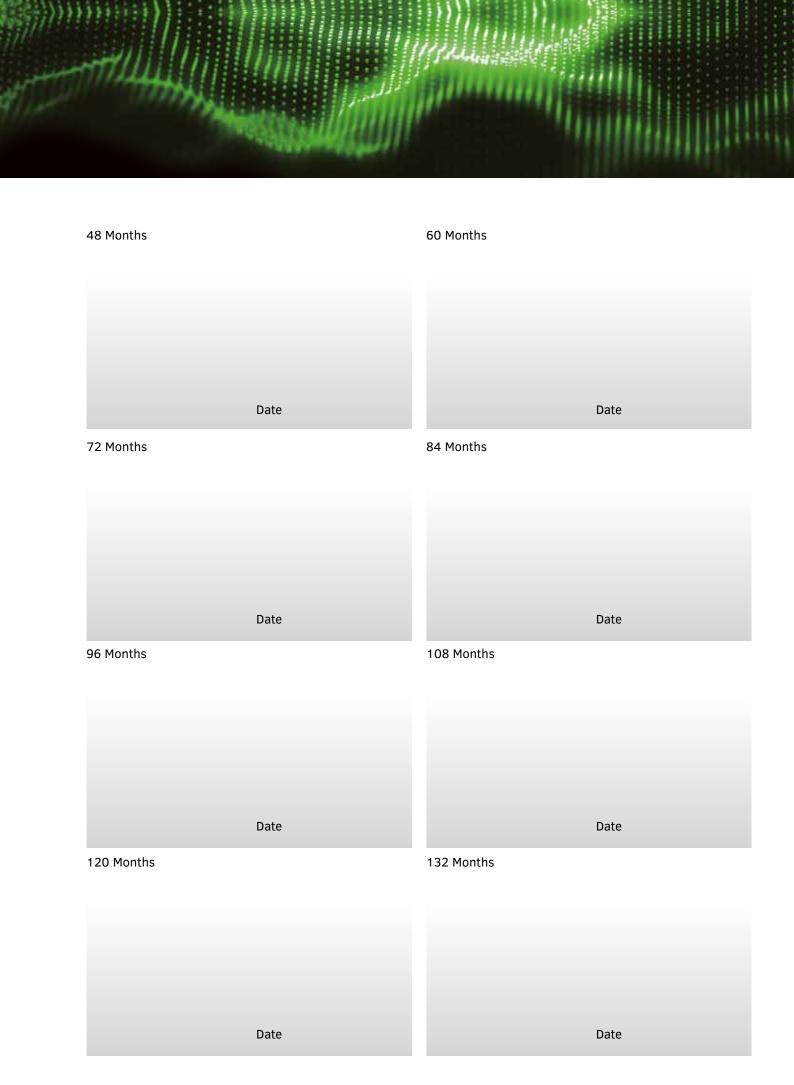
This must be stamped by an approved service dealer to qualify for a free second year warranty.

(Excluding the Webb Electric Handheld machines)

12 Months	
	Date

24 Months 36 Months

Date Date





INSTRUCTION MANUAL

Personal In	formation ((* Compul	sory
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							relevant boxes					
Post	Telep	hone	Email									

You may give Webb Lawnmowers notice in writing at any time that you no longer wish to receive direct marketing communications





INSTRUCTION MANUAL

Notes	



Service & Support: cs@webbgardenpower.co.uk

Webb, Murdock Road, Dorcan Swindon, Wiltshire SN3 5HY

New cordless garden machinery range from

