

Webb **ewo**

X-SERIES

WEV20X2CS40B4X & WEV20X2CS40BARE 40V (2x20V) 40CM (16") CORDLESS CHAINSAW

Product Number: 1938384001

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.

ADVANCED 40V BATTERY TECHNOLOGY

The logo for Webb eco, with 'Webb' in white and 'eco' in green, both inside a white rounded rectangle.

X-SERIES

INSTRUCTION MANUAL

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DECLARATION OF CONFORMITY

ASSEMBLY IS REQUIRED

- This product requires assembly before use.
- See “Assembly” section for instructions.
- Inspect all components closely upon receipt to make sure no items are missing or damaged.



WARNING

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.



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INSTRUCTION MANUAL

SPECIFICATION

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

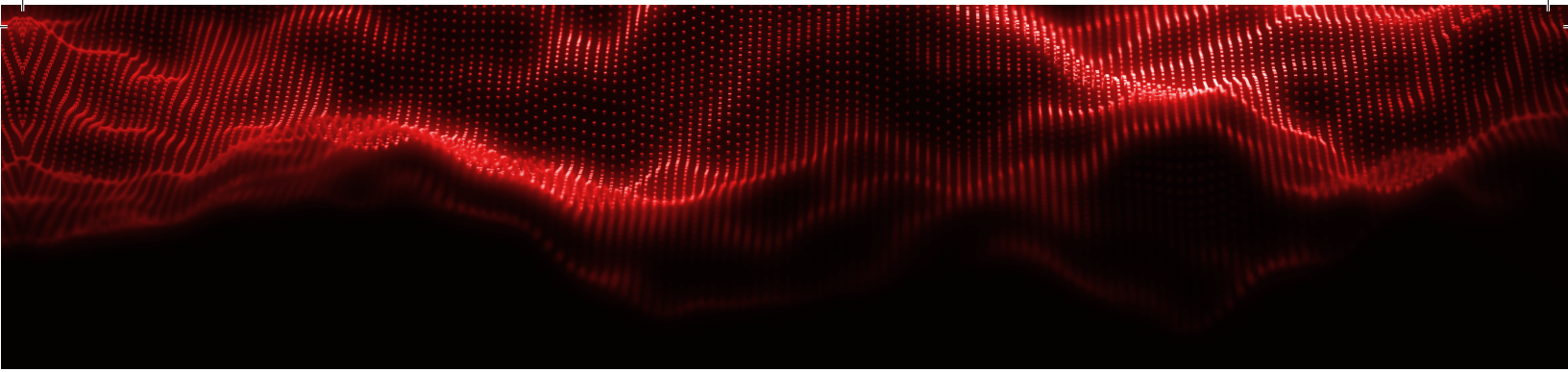
Model	WEV20X2CS40B4X/WEV20X2CS40BARE
Product Number	1938384001
Rated Voltage	36VDC – Max: 40VDC
Max. Speed	25 m/s
No Load Speed	8100-13500 rpm
Oil Capacity	180ml +/- 10%
Guide Bar	16in (40.5cm)
Chain	57 Teeth
Chain Pitch	3/8"
Protection	IPX0
Sound Pressure Level L_{pA}	90.5 dB (A) uncertainty K= 3 dB(A)
Sound Power Level L_{WA}	99.8 dB(A) uncertainty K= 3.29 dB(A)
Guaranteed Sound Power Level L_{WA}	105 dB(A)
Vibration Level	Handle a_h : 1.76 m/s^2 uncertainty K: 1.5 m/s^2
CHARGER	
Model No.	WEV20X265WCHARGER
Product No.	1938389001
Rating	input: 240V 50/60Hz Type C1 output: 20V – 3.25 A Type C1+Type C2 output: 20V 2.3+1A
Protection	IPX0
Charging Time	1x20v 4Ah Battery = 80 min 2x20v 4Ah Battery = 160 min
BATTERY	
Model No.	WEV20B4XSERIES
Product No.	1938390001
Technical data	20V 4Ah 80Wh
Recommended Operating Temp	0-40°C
Recommended Storage Temp	0-40°C
Recommended Charging Tep	Charge as instructed in the manual



WARNING

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

NOTE: WEV20X2CS40B4X includes the charger and battery. WEV20X2CS40BARE does not include the charger and battery.



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

Consistent with our policy of continuous improvement, Webb Garden Power 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

Open Weekdays: 8:00am - 5:00pm (CLOSED WEEKENDS, BANK HOLIDAYS & COMPANY CLOSURES)

IMPORTANT INFORMATION



WARNING

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 fire, electric shock and personal injury.

INTENDED USAGE

The basic version of the equipment is a cordless chainsaw intended for private use, i.e., for use in home and domestic gardening environments, whose annual operating time generally does not exceed 50 hours. It is designed for cutting of branches, trunks or timber beams up to a diameter according to the guide bar length in medium to large sized gardens. It is only allowed to cut wood. Every other use of the machine is a not intended use. Furthermore, a professional use for tree services is strictly forbidden. Any use not expressly permitted in this manual may damage the chainsaw or cause serious danger to the user.

USE CORRECTLY.

The chainsaw is for private use only, whose annual operating time does not exceed 50 hours. Public facilities, sporting facilities and agricultural / forestry applications are excluded. To be used as a chainsaw Limbing, felling, woodcutting, and remove buttress roots.

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.

During use of the chainsaw the user must arrange for personal protective equipment (PPE) according to the manual and to the named pictograms on the chainsaw. Parts of the intended use are also the details in the manual regarding safety warnings and references for use/maintenance. People/Users who work with the chainsaw or undertake maintenances on it, must be familiar with the manual. Only assemble onto the chainsaw, the manufacturers original or approved spare parts as well as the allowed combinations of guide bar/saw chain as named in the manual.

The user and not the manufacturer are liable for any accident which results from a combination of incorrect intended use or an incorrect construction on the machine.

The chainsaw is only intended for use outdoors.

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.

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INSTRUCTION MANUAL

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.

TO THE OWNER

All information in this manual is relative to the most recent product information available at the time of printing. Review this manual frequently to familiarise yourself with the machine, its features and operation. Please be aware that this Instruction Manual may cover a range of product specifications for various models. Characteristics and features discussed and/or illustrated in this manual may not be applicable or exact to all models.

We reserve the right to change product specifications, design, and equipment without notice and without incurring obligation. If you have any problems or questions concerning the machine, phone your local approved Webb service dealer or ourselves. Throughout this manual, all references to *right* and *left* side of the machine are observed from the operating position.

RESIDUAL RISKS

Even with the intended use of the appliance there is always a residual risk, which cannot be prevented.

According to the type and construction of the appliance the following potential hazards might apply:

- Contact with exposed saw teeth of the saw chain (cutting hazards).
- Access to the rotating saw chain (cutting hazards).
- Unforeseen, abrupt movement of the guide bar (cutting hazards).
- Flung out of parts from the saw chain (Cutting / injection hazards).
- Flung out of parts of the work piece.
- Inhalation of wood particles.
- Skin contact with chain oil.
- Loss of hearing, if required ear protection not used during work.

INSPECT YOUR LOG

Make sure there are no nails or foreign objects in logs to be cut.



WARNING













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 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.








	<p>Read & understand operator's manual before using the machine. Failure to follow instructions could result in death or serious injury.</p>		<p>Check your machine before turning it on. Keep guards in place & in working order. Frequently check to see that foreign objects are removed from the working area before turning it on. Replace damaged, missing or failed parts before using it.</p>
	<p>Keep all bystanders & animals at least 15 metres away from the machine during operation. Thrown objects can ricochet and result in personal injury or property damage. If approached, stop the machine immediately.</p>		<p>When working with the tool:</p> <ul style="list-style-type: none"> • Wear head protection. • Wear eye protection. • Wear ear protection. • Wear protective gloves. • Wear respiratory protection. • Wear close fitting full clothing. • Wear sturdy footwear.
	<p>For the charger: Remove plug from the mains immediately if the cable is damaged or cut.</p>		<p>Do not expose to rain or damp conditions</p>
	<p>DANGER Keep sufficient distance away from electrical power lines. Use in dry conditions.</p>		<p>Contact of the guide bar tip with any object should be avoided.</p>
	<p>Always use two hands when operating the chainsaw.</p>		<p>Tip contact can cause the guide bar to move suddenly upward and backward, which can cause serious injury.</p>
	<p>Do not dispose of battery packs in rivers or immerse in water.</p>		<p>Do not dispose of battery packs in fire. They will explode and cause injury.</p>

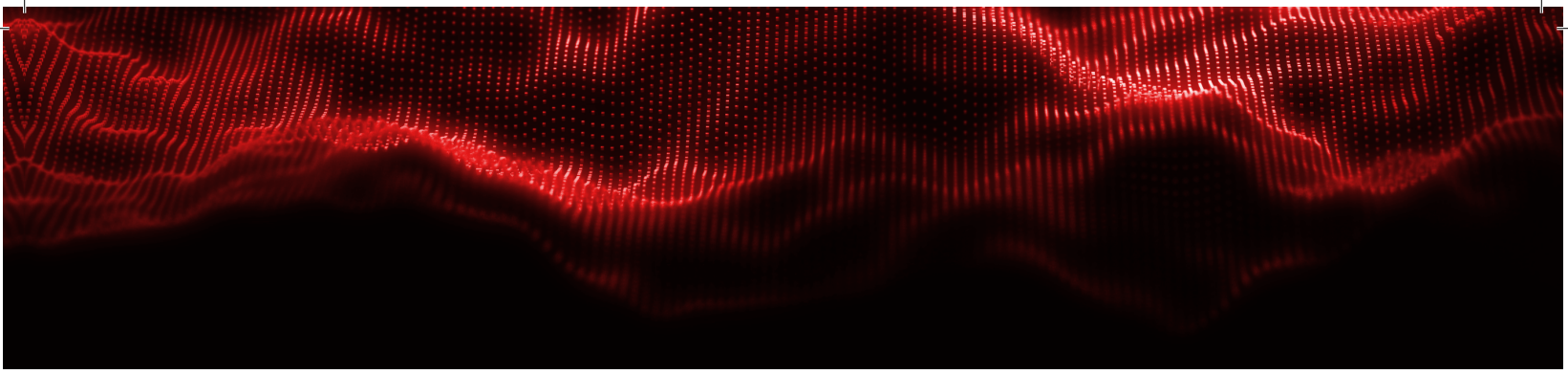
X-SERIES

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	DANGER Keep hands away from the blade.		Use and store the battery within an temperature below 122°F(50°C).
	Do not disassemble, crush, heat above 212°F(100°C); Never expose the battery to microwaves or high pressures.		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.
	Sound Power Level (Image used for illustration purposes only, check machine and Declaration of Conformity for actual reading)	 Li-ion	Battery Li-ion: Recyclable

CHARGER

	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
	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 (L_{WA}): **105 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.



WARNING

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 62841-4-2:
Vibration emission (a_h): **Handle: a_h 1.76 m/s² - 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.



WARNING

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



WARNING

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

When using this machine, observe the following safety instructions to remove 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 electric/battery tools, basic safety precautions, including the following, should always be followed to reduce the risk of serious personal injury and/or damage to the unit.

Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference. The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

WORK AREA SAFETY

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

ELECTRICAL SAFETY

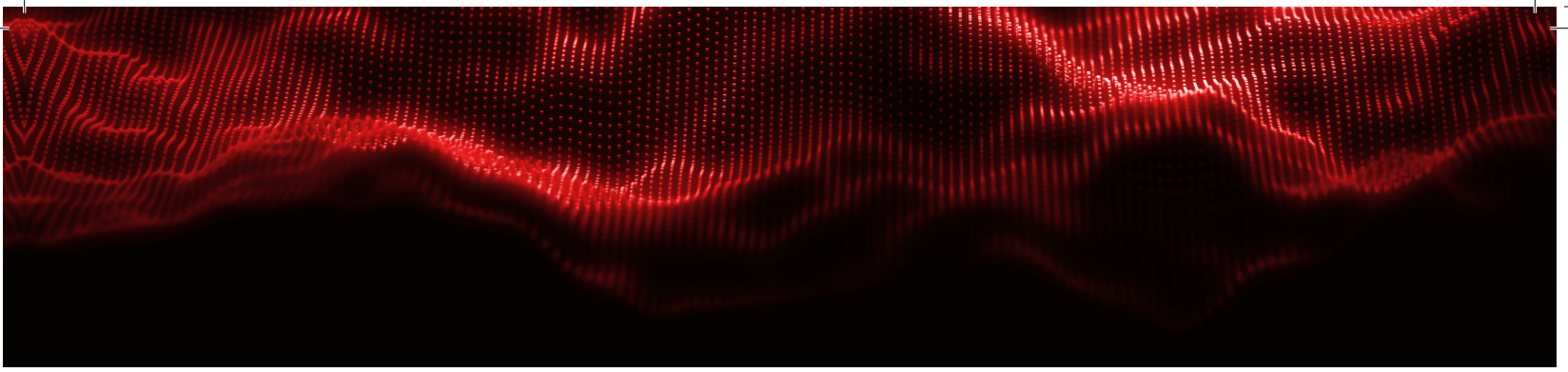
- **Charger plugs must match the outlet. Never modify the plug. Do not use adaptor plugs with earthed (grounded) power tools.** Unmodified plugs & matching outlets will reduce electric shock risk.
- **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- **Do not expose chargers to rain or wet conditions.** Water entering a charger will increase electric shock risk.
- **Do not abuse the charger cable. Never use the charger cable for carrying, pulling or unplugging the charger.** Keep cable away from heat, oil, sharp edges or moving parts. Damaged or entangled cables increase the risk of electric shock.
- **When operating a charger outdoors, use an extension cable suitable for outdoor use.** Use of a charger suitable for outdoor use reduces the risk of electric shock.
- **If operating a charger in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

PERSONAL SAFETY

- **Stay alert, watch what you are doing and use common sense when operating a power tool.** Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.
- **Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, nonskid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- **Prevent unintentional starting. Ensure the switch is in the off position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- **Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.

POWER TOOL USE AND CARE

- **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.
- **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.



- **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools operation.** If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- **Use the power tool and any accessories in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.

BATTERY TOOL USE AND CARE

- **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.
- **Under abusive conditions, liquid may be ejected from the battery; avoid contact.** If contact accidentally occurs, flush body air with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

SERVICE

- **Have your power tool serviced by an approved Webb service dealer, a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.

CHAINSAW SAFETY WARNINGS

- **Keep all parts of the body away from the saw chain when the chainsaw is operating. Before you start the chainsaw, make sure the saw chain is not contacting anything.** A moment of inattention while operating chainsaws may cause entanglement of your clothing or body with the saw chain.
- **Always hold the chainsaw with your right hand on the rear handle and your left hand on the front handle.** Holding the chainsaw with a reversed hand configuration increases the risk of personal injury and should never be done.

NOTE: For chainsaws designed with the guide bar on the left side, the reference to “right hand” and “left hand” positioning is reversed.

- **Hold the power tool by insulated gripping surfaces only, because the saw chain may contact hidden wiring.** Saw chains contacting a live wire may make exposed metal parts of the power tool live and could give the operator an electric shock.
- **Wear safety glasses and hearing protection. Further protective equipment for head, hands, legs and feet is recommended.** Adequate protective clothing will reduce personal injury by flying debris or accidental contact with the saw chain.
- **Do not operate a chainsaw in a tree.** Operation of a chainsaw while up in a tree may result in personal injury.
- **Always keep proper footing and operate the chainsaw only when standing on fixed, secure and level surface.** Slippery or unstable surfaces such as ladders may cause a loss of balance or control of the chainsaw.
- **When cutting a limb that is under tension be alert for spring back.** When the tension in the wood fibres are released, the spring-loaded limb may strike the operator and/or throw the chainsaw out of control.
- **Use extreme caution when cutting brush and saplings.** The slender material may catch the saw chain and be whipped toward you or pull you off balance.

- **Carry the chainsaw by the front handle with the chainsaw switched off and away from your body.** When transporting or storing the chainsaw, always fit the guide bar cover. Proper handling of the chainsaw will reduce the likelihood of accidental contact with the moving saw chain.
- **Follow instructions for lubricating, chain tensioning and changing accessories.** Improperly tensioned or lubricated chain may either break or increase the chance for kickback.
- **Keep handles dry, clean, and free from oil and grease.** Greasy, oily handles are slippery causing loss of control.
- **Cut wood only. Do not use chainsaw for purposes not intended.** For example: do not use chainsaw for cutting plastic, masonry or non-wood building materials. Use of the chainsaw for operations different than intended could result in a hazardous situation.

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.

6. 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 cartridge even if it is severely damaged or is completely worn out. The battery cartridge can explode in a fire.
8. Do not nail, cut, crush, throw, drop the battery cartridge, or hit against a hard object to the battery cartridge. 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.



CAUTION

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 warranty for the tool and charger.

TIPS FOR MAINTAINING MAXIMUM BATTERY LIFE

1. 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).

CAUSES AND OPERATOR PREVENTION OF KICKBACK

Kickback may occur when the nose or tip of the guide bar touches an object, or when the wood closes in and pinches the saw chain in the cut. Tip contact in some cases may cause a sudden reverse reaction, kicking the guide bar up and back towards the operator. Pinching the saw chain along the top of the guide bar may push the guide bar rapidly back towards the operator. Either of these reactions may cause you to lose control of the chainsaw which could result in serious personal injury. Do not rely exclusively upon the safety devices built into your chainsaw. As a chainsaw user, you should take several steps to keep your cutting jobs free from accident or injury. Kickback is the result of tool misuse and/or incorrect operating procedures or conditions and can be avoided by taking proper precautions as given below:

- **Maintain a firm grip, with thumbs and fingers encircling the chainsaw handles, with both hands on the chainsaw and position your body and arm to allow you to resist kickback forces.** Kickback forces can be controlled by the operator if proper precautions are taken. Do not let go of the chainsaw.
- **Do not overreach and do not cut above shoulder height.** This helps prevent unintended tip contact and enables better control of the chainsaw in unexpected situations.
- **Only use replacement bars and chains specified by the manufacturer.** Incorrect replacement bars and chains may cause chain breakage and/or kickback.
- **Follow the manufacturer's sharpening and maintenance instructions for the saw chain.** Decreasing the depth gauge height can lead to increased kickback.

VIBRATION AND NOISE REDUCTION

To reduce the impact of noise and vibration emission, limit the time of operation, use low vibration and low-noise operating modes as well as wear personal protective equipment. Take the following points into account to minimise the vibration and noise exposure risks:

- Only use the product as intended by its design and these instructions.
- Ensure that the product is in good condition and well maintained.
- Use correct attachments for the product and ensure they are in good condition.
- Keep tight grip on the handles/gripping surface.
- Maintain this product in accordance with these instructions and keep it well lubricated (where appropriate).
- Plan your work schedule to spread any high vibration tool use across a longer period of time.

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INSTRUCTION MANUAL

EMERGENCY

Familiarise yourself with the use of this product by means of this instruction manual. Memorise the safety directions and follow them to the letter. This will help to prevent risks and hazards.

- Always be alert when using this product, so that you can recognise and handle risks early. Fast intervention can prevent serious injury and damage to property.
- Switch off the product and remove the battery pack if there are malfunctions. Have the product checked by an Approved Webb Service Dealer, qualified professional and repaired, if necessary, before you operate it again.



WARNING

This product produces an electromagnetic field during operation! This field may under some circumstances interfere with active or passive medical implants!
To reduce the risk of serious or fatal injury, we recommend persons with medical implants to consult their doctor and the medical implant manufacturer before operating this product!



WARNING

Injuries may be caused, or aggravated, by prolonged use of a tool. When using any tool for prolonged periods, ensure you take regular breaks.



DANGER OF FIRE OR EXPLOSION

Never charge batteries in the vicinity of acids or easily flammable materials.
Charge battery only at a temperature between 10 - 45 °C. After a heavy load, first allow the battery to cool.

Protect the device from direct exposure to heat and fire.

Do not place on heating units or expose to strong sunlight for an extended period.

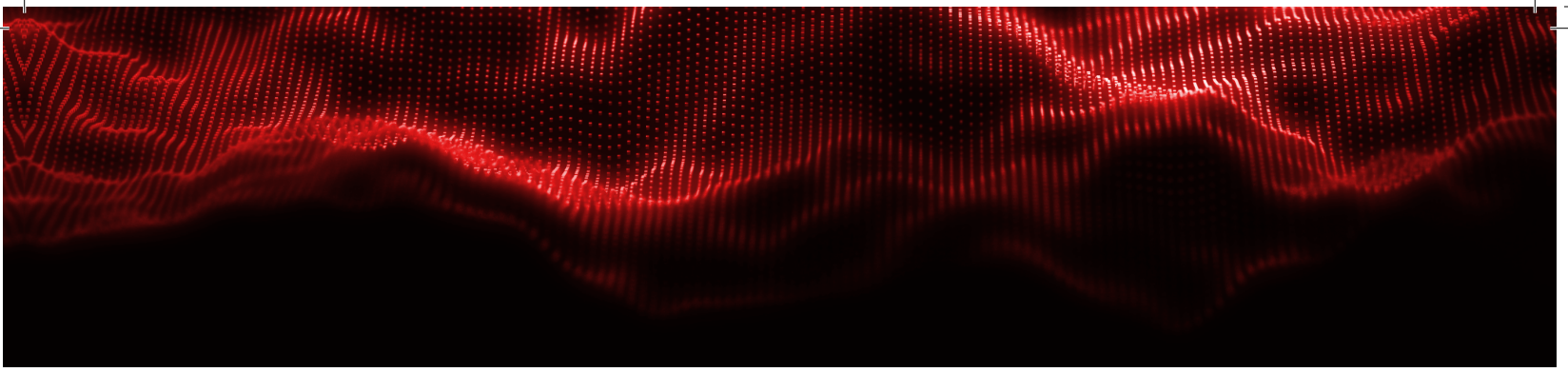
Operate the device only at temperatures between -10 °C to + 45 °C..



RISK OF SHORT CIRCUIT

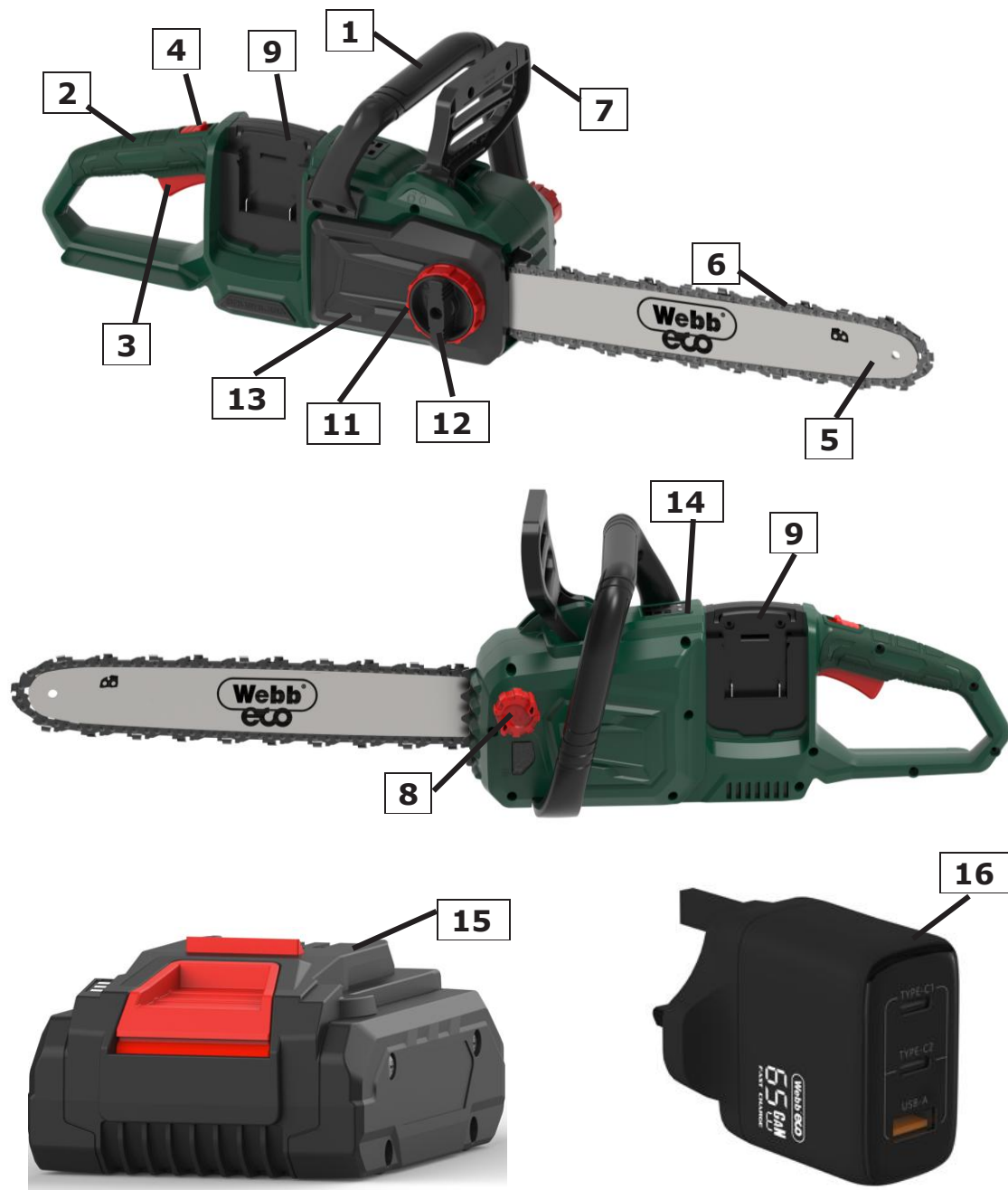
For disposal, transport or storage, pack the battery in a plastic bag or a cardboard box, or isolate the contacts with adhesive tape.

Do not open the battery.



KNOW YOUR MACHINE

1. Front Handle	2. Rear Handle	3. On/Off Trigger
4. Trigger Lock-Out	5. Guide Bar	6. Saw Chain
7. Chain Brake	8. Oil Tank Cap	9. Battery Port
10. Guide Bar Cover (Not Imaged)	11. Tension Knob	12. Side Cover Knob
13. Side Cover	14. Control Panel	15. 2x 20v 4Ah Battery
16. Fast Charger		



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ASSEMBLY



WARNING

In the unlikely event your machine is damaged prior to assembly or operation, do not attempt to operate the machine. Contact your retailer for assistance.

Remove the machine and contents from the carton. Be sure the carton is empty before discarding. If you require assistance regarding the contents of the machine, contact us:

MONDAY TO FRIDAY – 08:00 TO 17:00 (CLOSED WEEKENDS, BANK HOLIDAYS & BUSINESS CLOSURES)

TEL: 01793 333212 - OPTION 2 - EMAIL: CS@WEBBGARDENPOWER.CO.UK

If you find that parts are missing or show damage do not use the product but contact your dealer. Using an incomplete or damaged product represents a hazard to people and property.

Ensure that you have all the accessories and tools needed for assembly and operation. This also includes suitable personal protective equipment.

NOTE: WEV20X2CS40B4X includes the charger and battery. WEV20X2CS40BARE does not include the charger and battery.



WARNING



Wear protective gloves for this assembly work and always lay the product on a flat and stable surface while assembling. Follow the assembly instructions step-by-step and use the pictures provided as a visual guide to easily assemble the product.

Do not insert the battery, before the power tool is completely assembled or adjusted.

INSTALLING SAW CHAIN & GUIDE BAR



WARNING

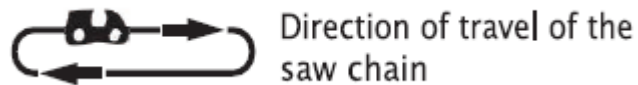
Ensure the battery is removed from the chainsaw before attaching the bar and chain.

1. Turn the side cover knob anti-clockwise and remove the side cover.

Side Cover Knob

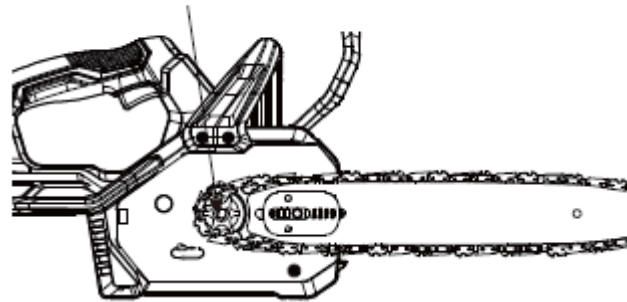


2. Loop the saw chain into the slot around the guide bar. Make sure the saw chain is in correct running direction by comparing saw chain with the rotation symbol.



3. Mount the chain and guide bar to the product. You may need to first press the side cover knob, then use the tensioning knob to preliminarily tension the chain and then fit it onto the drive sprocket.

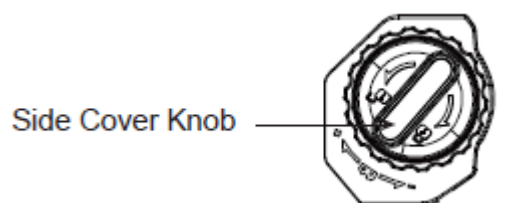
Drive Sprocket



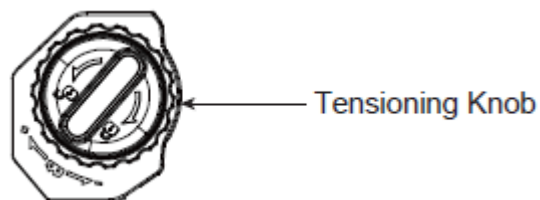
4. Pull the chain around the bar with your gloved hand or using auxiliary tools to make sure it can run smoothly.

NOTE: It is still recommended to check for smoothness of the saw chain before operation even after using it for a period of time.

5. Replace the side cover. Meanwhile, prevent the saw chain and the guide bar from sliding out.
6. Lightly tighten the side cover with the side cover knob. Do not tighten too much for further adjustment.



7. Adjust the tension with the tensioning knob until saw chain can be raised approx. 2–3mm from the guide bar in the centre.



8. Thoroughly tighten the side cover with the side cover knob.

NOTE: After a short period of use, allow the chain to cool, remove the battery and check the tension again.

X-SERIES

INSTRUCTION MANUAL

BAR AND CHAIN OIL FILLING

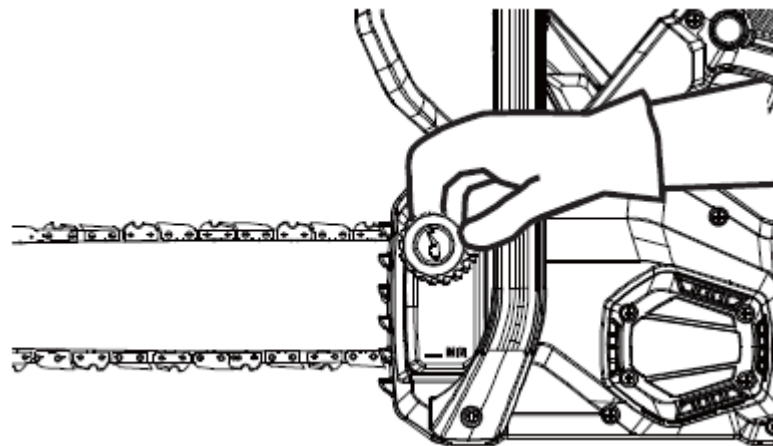


WARNING

Bar and chain oil prevents premature wear. Never operate the chainsaw if oil is not visible. Check oil level frequently and fill as needed.

NOTE: Bar and chain oil is required to properly lubricate the guide bar and saw chain. The chainsaw is equipped with an automatic oiler that deposits oil on the bar and chain when running, keeping them properly lubricated.

1. Place the chainsaw on its side on a firm, flat surface.
2. Clean any debris from the cap area.
3. Remove the oil tank cap.



4. Carefully pour the bar and chain oil into the tank.
5. Replace the cap and make sure oil is visible in the tank.

BATTERY & CHARGER



WARNING

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.

BATTERY

CARE

- There will be some charge present in the battery on delivery, charge your battery before first use.
- 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.
- If over a period the battery quickly runs down after a full 3-5 hour charging period, the battery has failed.
- To prevent permanent battery damage, never store in a discharged condition.
- The battery is a 20 Volt, 4.0 Amp-Hour item. It is "Sealed for Life" & no maintenance is required.

IMPORTANT - Dispose of your old battery safely. Do not cut open, burn or incinerate.

CHARGING BATTERY



CAUTION

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

- Use this charger only with Authorised Webb 20v Lithium-ion batteries.
- Never attempt to charge non-rechargeable batteries.
- Make sure the power supply is normal UK home voltage, 230 volts, 50 Hz, AC only.
- Connect the charger to the power supply. The charger light will illuminate **GREEN** indicating power is on.
- Slide the battery onto charger.
- Press down on battery to be sure contacts on the battery engage correctly with the charger contacts.
- When the battery and charger are connected correctly, the charger light will be a flickering **RED** to indicate the battery is charging.
- A constant **GREEN** light indicates the battery is fully charged.
- A minimum charge time of 80 minutes (1x 4Ah battery) or 160 minutes (2x 4Ah battery) is required to recharge a completely discharged battery.
- The battery will become slightly warm to the touch while charging. This is normal and does not indicate a problem.
- **DO NOT** place a charger in an area of extreme heat or cold. It will work best if stored and operated in normal room temperature.
- Frequently monitor the charger and battery while connected.
- When the battery is fully charged, unplug your charger from power supply and remove the battery from the charger.
- Allow the battery to cool completely before attempting to use it.

NOTE: If the battery does not fit properly, disconnect it and confirm that the battery is the correct model for the charger supplied. Do not charge any other battery or any battery that does not securely fit the charger.



CAUTION

**When in continuous operation in a tool, the battery will become hot!
Allow the battery to cool down to room temperature for approximately 30 minutes, before attempting to recharge. This will extend the life of your batteries.**

X-SERIES

INSTRUCTION MANUAL

INSTALLING OR REMOVING BATTERIES



CAUTION

Always switch off the machine before installing or removing batteries.
Hold the machine and the battery firmly when installing or removing batteries. Failure to hold the machine and battery firmly may cause them to slip out of the machine or your hands and result in damage to the machine and batteries and a personal injury.
Always install the batteries fully until an audible click is heard. If not, they may accidentally fall out of the machine, causing injury to you or someone around you.
Do not install the batteries with excessive force. If the battery does not slide in easily, it is not being inserted correctly or it is the incorrect battery.
Hold the battery cover firmly when installing or removing the battery.

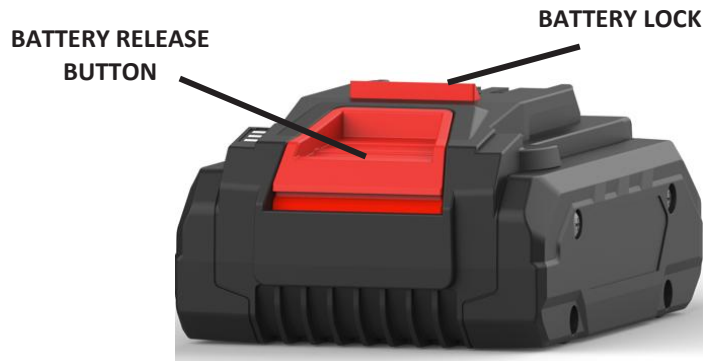
INSTALLING BATTERIES

1. 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.
2. 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.

REMOVING BATTERIES

To remove the batteries from the power tool.

1. Press the battery release button and remove each battery individually. Do not attempt to remove both batteries at the same time.
2. Slide out the battery from the power tool. Repeat for the second battery.



MACHINE & BATTERY PROTECTION

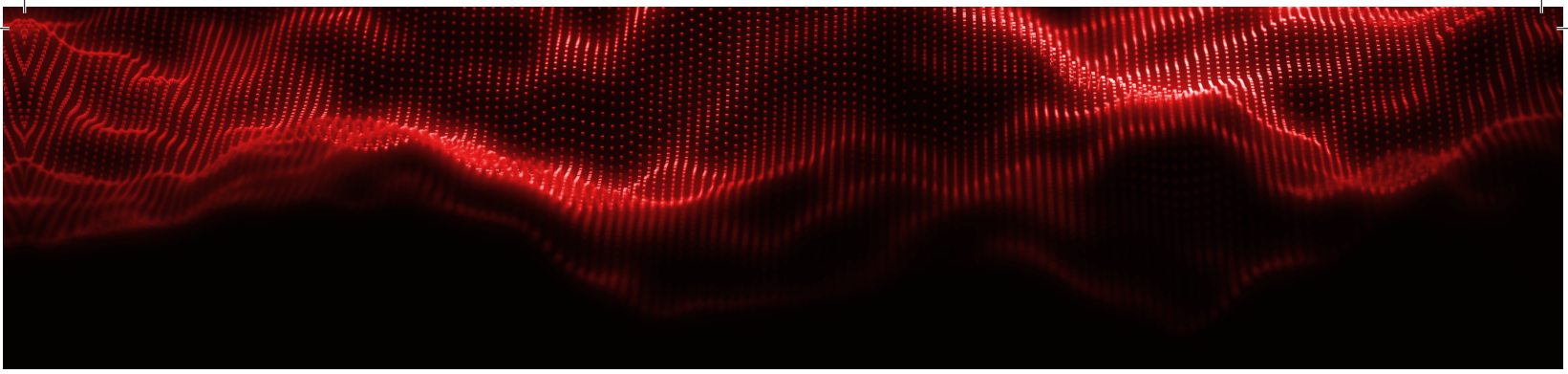
The power tool is equipped with a machine or battery protection system. The system can automatically cut off the power supply to the motor to extend the lifespan of the machine and battery. If the machine or battery is in one of the following conditions, the machine will automatically stop during operation.

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 machine and remove the factors that caused the overload. Then turn on the machine to restart.

OVERHEAT PROTECTION

When the machine 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 machine automatically stops and restarts after cooling of the battery.



UNDER VOLTAGE PROTECTION

When the battery capacity is low, the machine will automatically stop. If the machine 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, 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, then contact Webb Garden Power.

BATTERY INDICATOR

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



LED LIGHTS	BATTERY CAPACITY
LED 1,2 & 3 on	Full charged (66-100%)
LED 1 & 2 on	Battery is 33%-66% charged
LED 1 on	Battery is depleted (0%-33%). 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.

X-SERIES

INSTRUCTION MANUAL

OPERATION



WARNING

In the unlikely event your machine is damaged prior to assembly or operation, do not attempt to operate the machine. Contact your retailer for assistance.



DANGER

Risk of injury!

The device may only be put into operation if there are no defects. If a part is defective, it must be replaced before the device is used again.

Before starting work check the area and remove all objects which may be kicked up by the unit.



WARNING

To avoid serious personal injury, do not operate the chainsaw without the guide bar, saw chain and side cover properly assembled. Do not attempt to operate the chainsaw if any part is damaged or missing.

NOTE: Never operate the machine in an awkward posture. This may cause serious injury. Never touch the blades. They are very sharp, and you may cut yourself. Always wear protective gloves while operating.

NOTE: The duration of use per battery charge depends on the load during use (density and thickness of the cut).

NOTE: This tool can only be operated with two batteries from the Webb 20v batteries range.

TENSIONING THE SAW CHAIN

NOTE: Check the tension between the saw chain and the guide bar before every start.



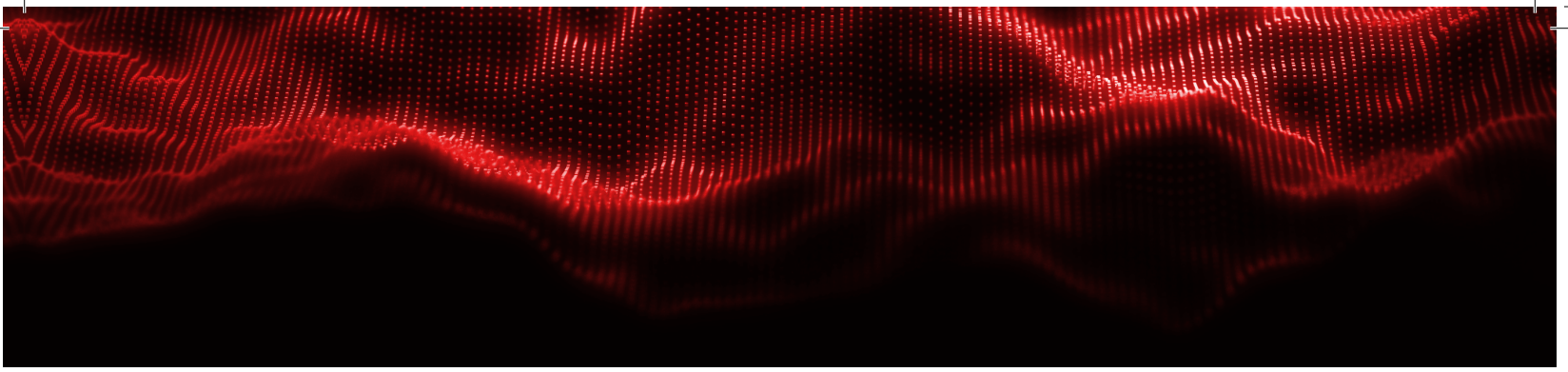
WARNING

Only tension the saw chain when the chain is cool. A hot chain may contract and damage the guide bar or chain as it cools.

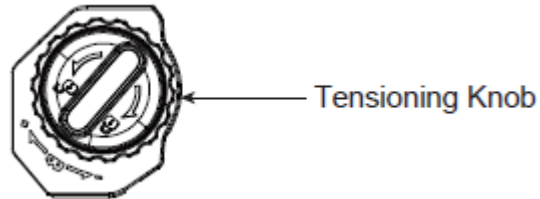
1. It is not necessary to remove the side cover for adjusting the saw chain tension. Loosen the side cover knob slightly to unlock the guide bar and saw chain which should be completely locked during operation.

Side Cover Knob





2. Twist the tensioning knob until the chain comes to a suitable tension status. The saw chain is correctly tensioned when it can be raised approx. 2–3 mm from the chain bar in the centre.





3. Finally tighten the side cover knob after adjustment.

NOTE: If the chain is still loose when the saw is at maximum tension, replace the chain.

SWITCHING ON/OFF

ON

1. Ensure both batteries are charged and seated correctly into the tool.
2. Check before you start:
 - Sufficient chain oil is in the oil tank.
 - If necessary, refill.
 - The batteries have sufficient charge.
3. Press the On/Off button  on the control panel.
4. Release the chain brake (7), pulling it towards the front handle (1).
5. If you try to operate the tool without the chain brake released, the warning  on the control panel will illuminate.
6. Hold the chainsaw firmly with two hands. Your right hand should be holding the Front Handle (1) and your left hand holding the Rear Handle (2). Your thumb and fingers must close securely over the handles.
7. Release the Trigger Lock-Out (4) switch by sliding with your right thumb and apply upward pressure to the On/Off Trigger (3).
8. The chain will start to rotate, and you can then release the Trigger Lock-Out (4), whilst keeping the On/Off Trigger (3) depressed.

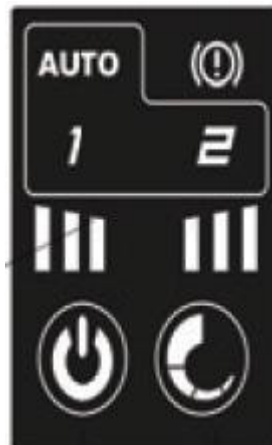
OFF

1. The chainsaw switches off when you release the On/Off Trigger (3).

NOTE: It is not possible to run the machine continuously without the On/Off Trigger depressed.


DASHBOARD

NOTE: Will only operate when two batteries are in place with sufficient charge.




X-SERIES

INSTRUCTION MANUAL

1. Press the On/Off button  on the control panel. The LED's on the dashboard will light-up.
2. The charge level indicators of the batteries is indicated by the illumination of the two sets of vertical LED lights.

LED LIGHTS	BATTERY CAPACITY
LED 1,2 & 3 on	Full charged (66-100%)
LED 1 & 2 on	Battery is 33%-66% charged
LED 1 on	Battery is depleted (0%-33%). Charge the battery.

3. Press the speed button  to choose your working speed. Choose speed 1 for normal speed 15 m/s, speed 2 is high speed 25 m/s, AUTO speed will automatically adjust depending on the work being undertaken.

CHECKING THE CHAIN BRAKE

NOTE: The motor cannot be turned on with the chain brake engaged. Do not use the chain brake in order to start or stop the machine.

1. Place the chainsaw onto a solid, flat surface. It must not contact any objects.
2. Ensure that the chainsaw has been released – the chain brake lever is pulled up against the front handle.
3. Hold the chainsaw firmly with two hands. Your right hand should be holding the Front Handle (1) and your left hand holding the Rear Handle (2). Your thumb and fingers must close securely over the handles.
4. Turn on the chainsaw.
5. Activate the chain brake lever with the motor running, with your left hand. A warning tone will sound and the saw chain should stop abruptly.
6. Once the chain brake is working correctly, release the On/Off Trigger and chain brake.



WARNING

**If the chain brake does not function correctly, you must not use the chainsaw.
A slack saw chain leads to danger of injury.
Have the chainsaw inspected by you local approved Webb service dealer.**

CHECKING THE OIL AUTOMATIC SYSTEM

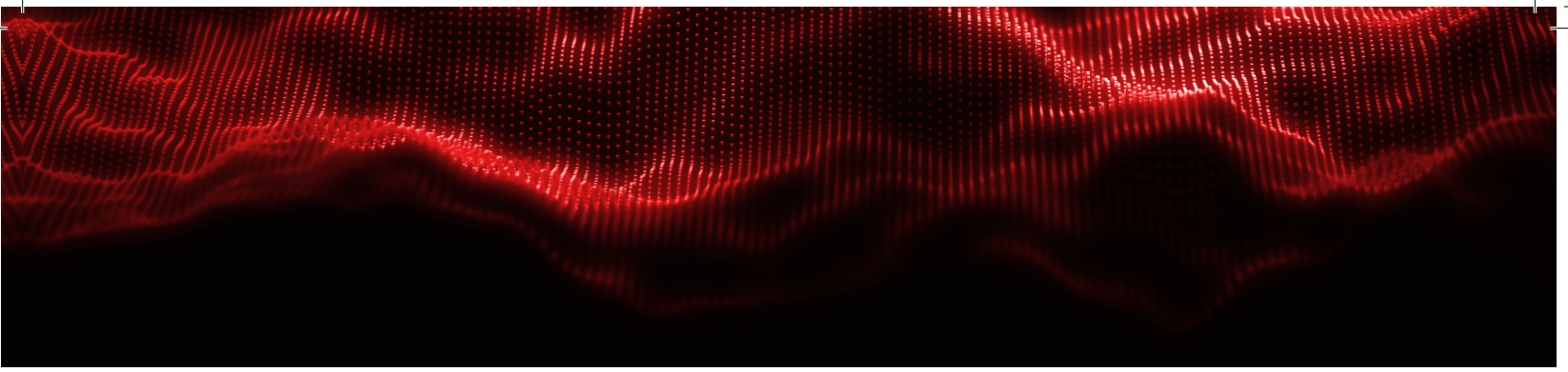
Check the oil level and the automatic oil system before commencing work.

1. Switch on the chainsaw and hold it above a piece of paper.
2. Do not allow the chainsaw to touch the ground.
3. If an oil trace can be seen, the chainsaw is working correctly.
4. If no oil can be seen, clean the oil exits for blockages and clear any notable blockages.

NOTE: If oil still does not exit the machine, Have the chainsaw inspected by you local approved Webb service dealer.

OVERHEAT PROTECTION

When the PCB in the battery exceeds 248°F (120°C) during operation, The chainsaw will be shut down automatically. Wait for it to cool down for about five minutes then restart the product.



GENERAL SAWING TECHNIQUES

NOTE: It is recommended that first-time users should, as a minimum practice, cutting logs on a sawhorse or cradle.

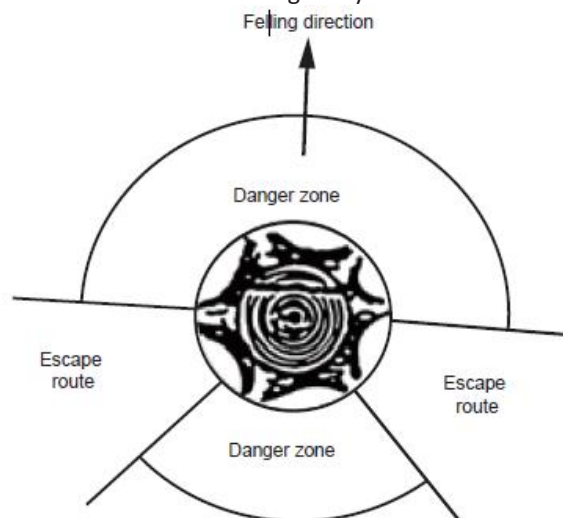
- Saw off the lower branches on the tree first. By doing so, it will be easier for the higher cut branches to fall to the ground.
- At the end of the cut, the weight of the saw suddenly increases for the user, due to it no longer being supported by a branch. There is a risk of losing control of the saw, so make sure to stay alert during the entire sawing operation.
- Only pull the saw out of a cut while the saw chain is running. This will prevent the chain from jamming in the wood.
- **DO NOT** saw with the tip of the chain bar.
- **DO NOT** saw into the branch formation (where the branch grows outwards). This will impede the tree's ability to heal.
- For sawing off smaller branches, place the stop face of the saw on the branch. This prevents unwanted movements of the saw at the beginning of the cut. While applying light pressure, guide the saw through the branch from top to bottom.
- For sawing off larger branches, first make a relief cut. Saw through 1/3 of the branch diameter from the bottom to top using the top side of the chain bar. Then saw from top to bottom for the other 2/3 using the bottom side of the chain bar. Saw off longer branches in sections, to maintain control over the location of impact.

FELLING A TREE

When cross-cutting/bucking and felling operations are being performed by two or more persons at the same time, the felling operations should be separated from the crosscutting/ bucking operation by a distance of at least twice the height of the tree being felled.

Trees should not be felled in a manner that would endanger any person, strike any utility line or cause any property damage. If the tree does make contact with any utility line, the company should be notified immediately.

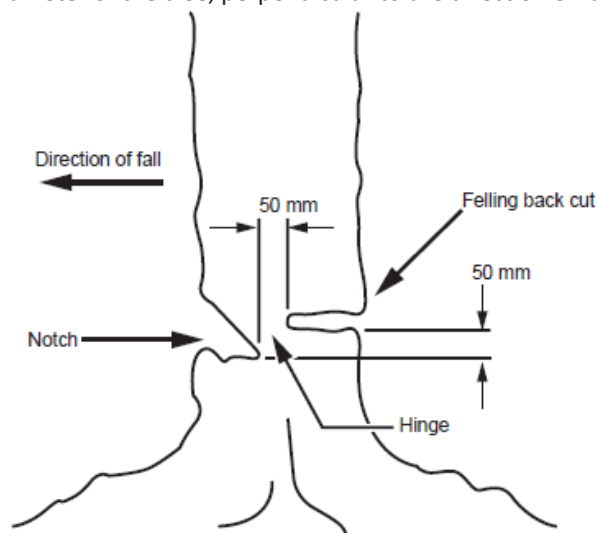
The chain saw operator should keep on the uphill side of the terrain as the tree is likely to roll or slide downhill after it is felled. An escape path should be planned and cleared as necessary before cuts are started. The escape path should extend back and diagonally to the rear of the expected line of fall.



NOTE: Before felling is started, consider the natural lean of the tree, the location of larger branches and the wind direction to judge which way the tree will fall. Remove dirt, stones, loose bark, nails, staples and wire from the tree.

NOTCHING UNDERCUT

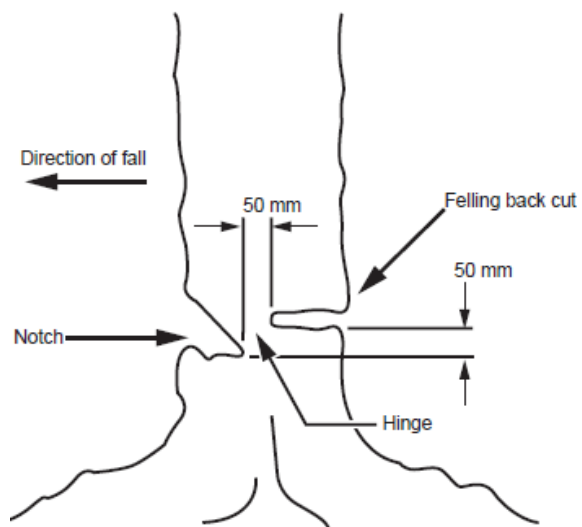
Make the notch 1/3 the diameter of the tree, perpendicular to the direction of falls.



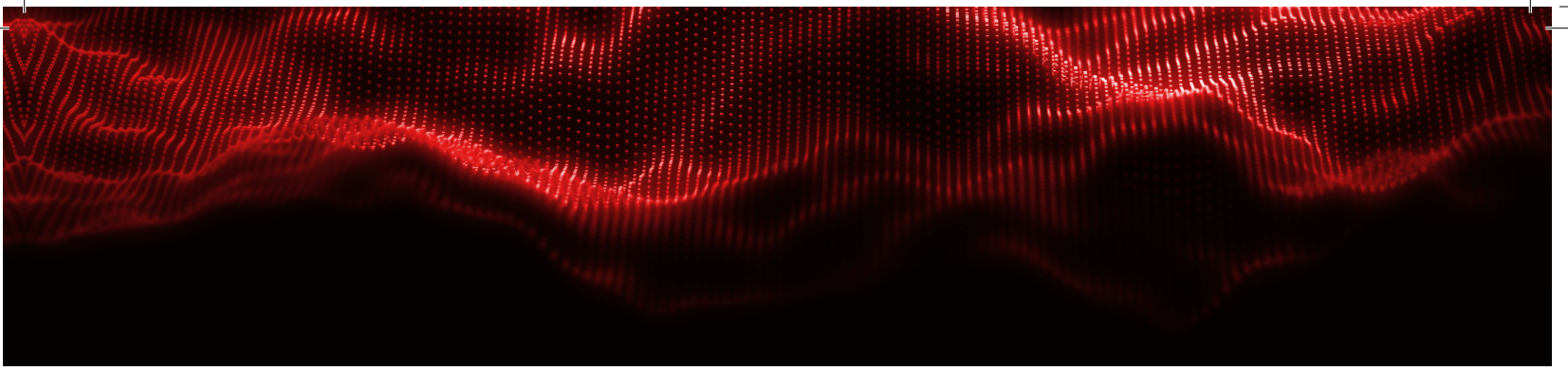
Make the lower horizontal notching cut first. This will help to avoid pinching either the saw chain or the guide bar when the second notch is being made.

FELLING BACK CUT

Make the felling back cut at least 2" (50mm) higher than the horizontal notching cut. Keep the felling back cut parallel to the horizontal notching cut. Make the felling back cut so enough wood is left to function as a hinge. The hinged wood keeps the tree from twisting and falling in the wrong direction. Do not cut through the hinge.

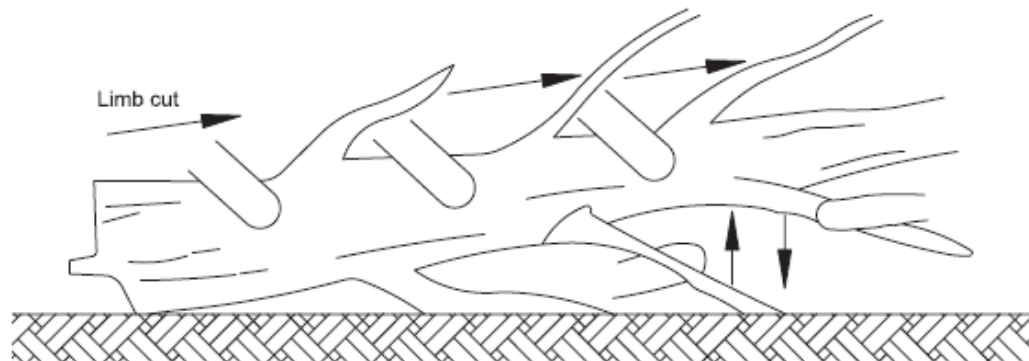


As the felling gets close to the hinge, the tree should begin to fall. If there is any chance that the tree may not fall in the desired direction or it may rock back and bind the saw chain, stop cutting before the felling back cut is complete and use wedges of wood, plastic or aluminium to open the cut and drop the tree along the desired line of fall. When the tree begins to fall, remove the chainsaw from the cut, stop the motor, put the chainsaw down, then use the retreat path planned. Be alert for overhead limbs falling and watch your footing.



LIMBING A TREE

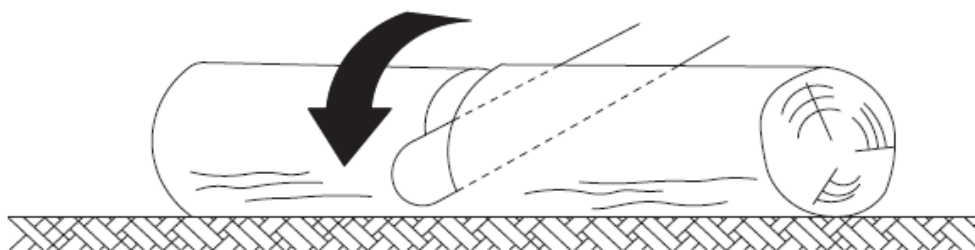
Limbing is removing the branches from a fallen tree. When limbing, leave larger lower limbs to support the log off the ground. Remove the small limbs in one cut. Branches under tension should be cut from the bottom up to avoid binding the chainsaw.



CROSS-CUTTING/BUCKING A LOG

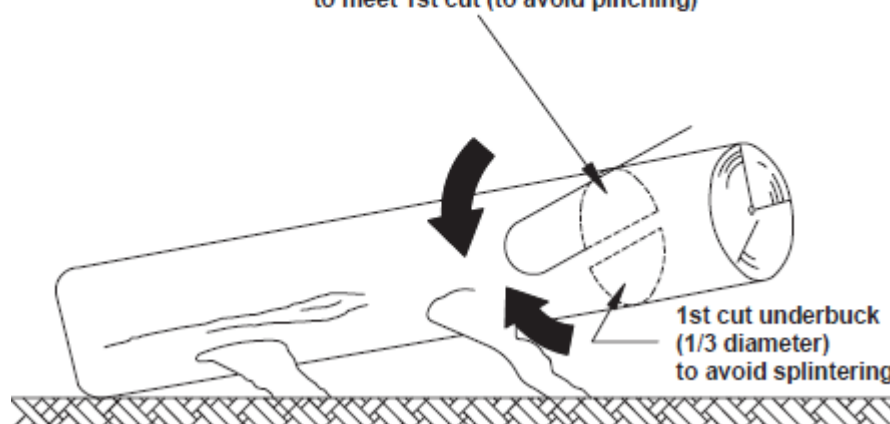
Cross-cutting/bucking is cutting a log into lengths. It is important to make sure your footing is firm and your weight is evenly distributed on both feet. When possible, the log should be raised and supported using limbs, logs or chocks. Follow the simple directions for easy cutting. When the log is supported along its entire length, it is cut from the top (overbuck).

**Log supported along the entire length
Cut from top (overbuck). Avoid cutting earth.**



When the log is supported on one end, cut 1/3 the diameter from the underside (underbuck). Then make the finished cut by over bucking to meet the first cut.

**Log supported one end
2nd cut overbuck (2/3 diameter)
to meet 1st cut (to avoid pinching)**



Webb **elo**

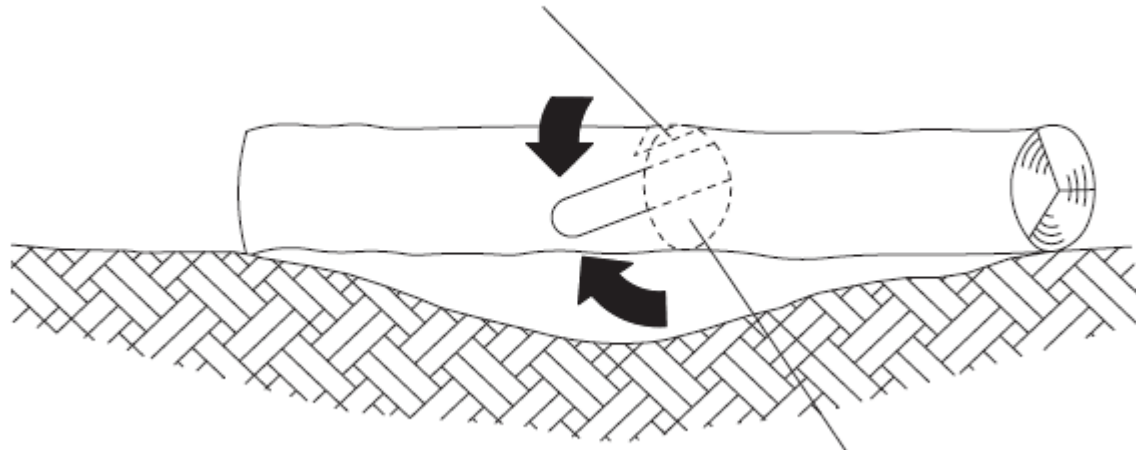
X-SERIES

INSTRUCTION MANUAL

When the log is supported on both ends, cut $\frac{1}{3}$ the diameter from the top (overbuck). Then make the finished cut by under bucking the lower $\frac{2}{3}$ to meet the first cut.

Log supported both ends

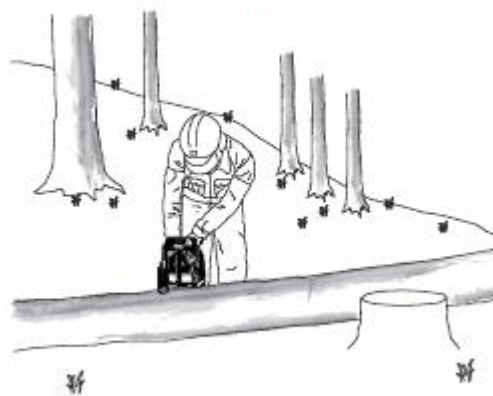
1st cut overbuck ($\frac{1}{3}$ diameter)
to avoid splintering



2nd cut underbuck ($\frac{2}{3}$ diameter)
to meet 1st cut (to avoid pinching)

When cross-cutting/bucking on a slope always stand on the uphill side of the log. When cutting through to maintain complete control, release the cutting pressure near the end of the cut without relaxing your grip on the chainsaw handles.

Bucking a log



Stand on uphill side when cutting because log may roll

Do not let the chain contact the ground. After completing the cut, wait for the saw chain to stop before you move the chainsaw. Always stop the motor before moving from tree to tree.

CLEANING, MAINTENANCE & STORAGE



WARNING

Before undertaking any work on the machine (e.g. maintenance, changing the tool, etc.) as well as during its transport and storage, ensure the trigger lock-out is in the off position. There is a danger of injury when the On/Off trigger is unintentionally actuated.



WARNING

Failure to identify and replace damaged or worn parts can cause serious personal injury. Inspect the chainsaw regularly. Regular inspection is the first step to proper maintenance. Follow the guidelines below to maximize safety and satisfaction. Have any damaged or excessively worn parts replaced immediately.



WARNING

Always remove the battery and let the product completely cool down before performing cleaning and maintenance work!
Always wear gloves to reduce the risk of injury when operating this unit.
Only perform cleaning and maintenance work according to these instructions!
A qualified specialist must perform all further works!

REPLACING/CHANGING THE SAW CHAIN AND GUIDE BAR

Replace a worn guide bar/saw chain and refer to "INSTALLING SAW CHAIN & GUIDE BAR". Only use the specified parts for replacements.

SHARPENING THE SAW CHAIN



WARNING

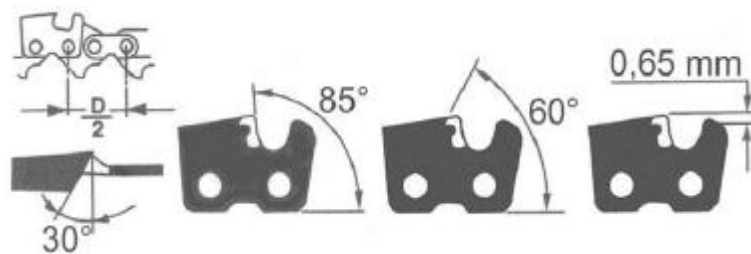
**An incorrectly sharpened saw chain increases the danger of failey.
Use cut protection gloves when handling the chain or chain bar.**

A sharp chain guarantees an optimal cutting performance. It cuts effectively through the wood and leaves large, long wooden chips. A blunt saw chain will cause the user to push the saw chain through the wood and the wooden chips smaller. In the case of a very blunt chain, chip cuttings will not be produced, only sawdust.

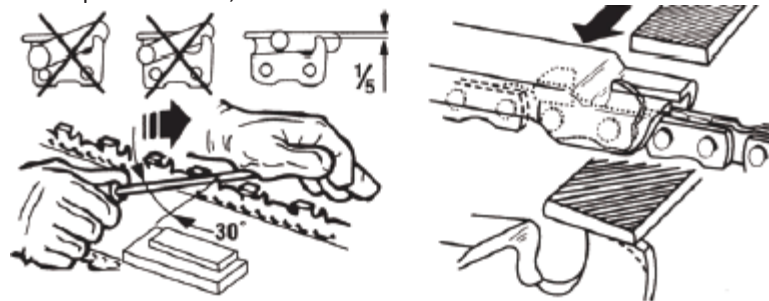
- The sawing parts of the chain are the cutting elements, which consists of cutting tooth and depth limiting projection. The vertical separation distance between these two, determine the sharpness depth.
- The following values must be noted in sharpening the cutting teeth:
 - Sharp Edge Angle – 30°
 - Breast Angle – 85°
 - Apex Angle – 60°
 - Sharpness Depth – 0.65mm
 - Round File Diameter – 4.0mm

X-SERIES

INSTRUCTION MANUAL



- Special tools are necessary for sharpening the chain, which guarantee that the cutting edges are sharpened at the correct angle and to the correct depth. For inexperienced users, we recommend having the saw chain sharpened by an approved Webb service dealer or a garden machinery expert. If you believe you are capable of sharpening the chain, you require special tools to undertake the task.
 1. Remove the saw chain from the tool.
 2. Place the saw chain into a vice, ensuring excess pressure is not applied causing damage to the chain.
 3. To sharpen the chain, a round file with a 4.0mm diameter.
 4. Sharpen only from the inside to outside. Guide the files from the inside to the outside of the cutting teeth. Lift the when you are withdrawing it.
 5. If the chain is worn, with less than 4mm of cutting tooth, the chain must be replaced.
 6. After sharpening, all cutting elements must be equal in length and width.
 7. After every third sharpen, the sharpness depth must be checked and the height filed with the aid of a flat file. The depth limitation should be set back 0.65mm from the cutting tooth. After the setting back depth limitation, round it off a little at the front.



CLEANING



WARNING

Before performing any work, make sure the tool has stopped running.

Ensure the battery is removed.

Always wear protective gloves when using, adjusting or cleaning the machine.

- Keep all safety devices, air vents and the motor housing free of dirt and dust as far as possible. Wipe the equipment with a clean cloth or blow it with compressed air at low pressure.
- We recommend that you clean the device immediately each time you have finished using it.
- Remove wood chips and other debris from the battery port. Clean dirty contacts with a soft, dry cloth. Dirt or oil can cause a poor electrical connection, resulting in loss of power.
- After use, clean debris from the saw chain and guide bar. Wipe power head with a clean cloth moistened with a mild soap solution. Never use harsh cleaners or solvents.
- Always clean out wood chips, sawdust and dirt from the bar groove when replacing the saw chain.
- Ensure that the chain tensioning gear is free of wood chips and other debris.

IMPORTANT

Never clean the tool under running water - and particularly never with high pressure - because of the potential danger to persons and property. Keep your chainsaw in a dry and frost proof place. Choose a place that children are unable to enter. Always store with the battery unattached.

MAINTENANCE



DANGER

Never clean the machine in water (especially running water), as there is a risk of personal injury and damage to the machine.

- A guide bar cover is supplied for storing. Slip the blades into the guide bar cover prior to storing.
- To obtain good cutting results, always make sure the blades are sharp, and clean them from time to time with a soft dry cloth.

Machine Part	Action	Before Every Use	After 10 Hours Operation
Chain Brake Components	Check, replace if required	✓	
Sprocket Chain Wheel	Check for wear, replace if necessary	✓	
Saw Chain	Check oil, sharpen or replace if required	✓	
Guide Bar	Check, clean and oil	✓	
Guide Bar	Turn around		✓
Auto Oil System	Check, clean oil exit opening if necessary	✓	



WARNING

There are no user serviceable parts inside the battery. Do not disassemble.

STORAGE

- Remove the battery from the chainsaw.
- Clean the chainsaw thoroughly as described above.
- Install the guide bar cover and place an absorbent pad under the bar.
- Store in a dry place.
- Keep out of reach of children or pets.
- We recommend using the original package for storage or covering the product with a suitable cloth or enclosure to protect it against dust.

NOTE: To prolong battery life, never store battery in a completely discharged condition. Make sure the battery is charged a minimum once a year or when the LED indicator shows only one light.

TRANSPORT

- Remove battery from the chainsaw.
- Install the guide bar cover.
- If desired, drain the bar and chain oil to reduce seepage.
- Carry saw with bar and chain facing behind the operator.
- Tools can shift during transport. Ensure the tool is secure and cannot fall or move into contact with people or property.

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X-SERIES

INSTRUCTION MANUAL

DISPOSAL

SAFE DISPOSAL OF BATTERIES



Li-ion

Our batteries are designed according to the latest state of technology and optimised for the use in electric tools. Lithium ion cells contain hazardous substances and may therefore not be disposed off with normal household waste. Our batteries are lithium-ion cells and are therefore subject to special disposal regulations. Bring defective batteries to your specialist dealer. Before disposing of the tool, remove the battery. We wish to encourage users to act in an environmentally friendly manner.

DISPOSAL OF THE TOOL



A crossed-out wheelie bin icon means: Batteries and rechargeable batteries, electrical or electronic devices must not be disposed of with household waste. They may contain substances that are harmful to the environment and human health.

Consumers must dispose of waste electrical devices, spent portable batteries and rechargeable batteries separately from household waste at an official collection point to ensure that these items are processed correctly. The product can be returned free of charge in accordance with the legal requirements, for example through a municipal waste disposal company or a dealer.



Batteries, rechargeable batteries and lamps that are not permanently installed in waste electrical equipment and can be removed in a non-destructive way must be removed and disposed of separately before disposal of the equipment. Lithium batteries and rechargeable battery packs of all systems are only to be handed in to the waste collection points in a discharged state. The batteries must always be protected against short circuits by taping off the poles.

All end users are responsible for deleting any personal data stored on waste devices prior to their disposal.

DISPOSAL OF PACKAGING



The packaging consists of cardboard and correspondingly marked plastics that can be recycled.

– Make these materials available for recycling.

TROUBLE SHOOTING

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

PROBLEM	POSSIBLE CAUSE	SOLUTION
Motor does not run or runs intermittently	Battery discharged	Recharge. See "CHARGING THE BATTERY" in this manual.
	Trigger lock-out not opened	See "SWITCHING ON/OFF" in this manual.
	Battery not fully inserted	Clean any debris from the battery port and terminals with a clean dry cloth or non-conductive brush.
	Debris inside cover	Clean any debris from the battery port and terminals with a clean dry cloth or non-conductive brush.
	Battery cold	Allow battery to warm above the minimum operating temperature of 32°F (0°C).
Battery pack does not charge	Battery over/under temperature protection is activated	This may occur when the saw is run continuously or exposed to high ambient temperatures. Allow the battery to reach the acceptable temperature before charging.
	Dirty or damaged contacts on battery or charger	If necessary, clean according to the instructions in this manual. Reinsert battery pack into the charger, making sure it is fully seated.
	Battery is at the end of its life	All batteries have a life cycle. If the battery has been recharged frequently, it may be time to replace it. Replace only with the battery specified for this chainsaw.
	Charger faulty	Contact Webb Garden Power.
Chainsaw does not cut properly	Insufficient chain tension	Adjust the chain tensioner.
	Worn chain	Sharpen or replace the chain.
	Chain installed backwards	Refer to "INSTALLING THE SAW CHAIN" section of this manual.
	Dry or excessively stretched chain	Check the oil level. Refer to "OIL FILLING".
Motor runs, but chain does not rotate	Chain not engaging drive sprocket	Reinstall the chain, making sure the drive links on the chain are fully seated on the sprocket.

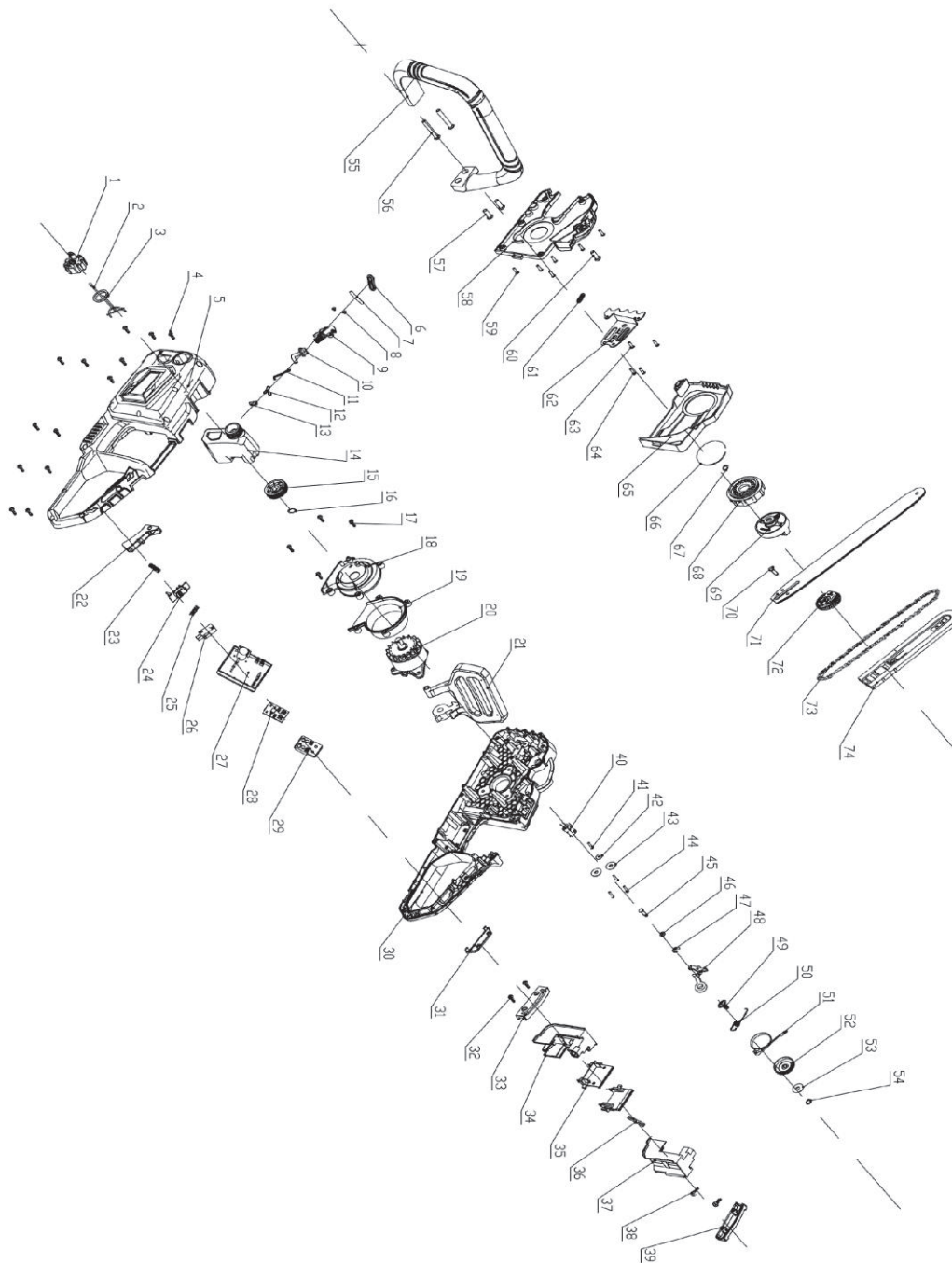
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X-SERIES

INSTRUCTION MANUAL

PARTS DIAGRAM - WEV20X2CS40B4X & WEV20X2CS40BARE (1938384001)

NOTE: WEV20X2CS40B4X includes the charger and battery. WEV20X2CS40BARE does not include the charger and battery.



If you wish to purchase Spare Parts, please visit www.webbgardenpower.co.uk and enter your chosen part number in the search bar. If the part is not listed, please contact our Spares Team on **01793 333212 option 2** or email spares@webbgardenpower.co.uk with your requirements, model and part number details (found on the front cover of this instruction manual).

PARTS LIST – WEV20X2CS40B4X & WEV20X2CS40BARE (1938384001)

NOTE: WEV20X2CS40B4X includes the charger and battery. WEV20X2CS40BARE does not include the charger and battery.

Item No	Webb Part No.	Webb Description	Qty
1	WE273-3391-7J16102	Oil Cap	1
2	WE273-3128-7J10104	Oil Cap Seal Ring	1
3	WE273-3431-7J14501	Oil Cap Hook	1
4	WE135-J0010001590R	Screw ST4x16	14
5	WE273-303-8J17301	Left Body	1
6	WE273-432-8J13201	Outlet Nipple	1
7	WE273-255-8J10902	Outlet Pipe	1
8	WE273-3131-NBCD308001R	Flange ST3x8 Screw	2
9	WE273-421-8J13601	Oil Pump Body	1
10	WE273-255-8J11001	Oil Inlet Pipe	1
11	WE273-344-8J13201	Tube Spring	1
12	WE273-344-7J13703	Tube Latch Spring	1
13	WE273-432-7J10101	Valve	1
14	WE273-207-8J13601	Oil Tank	1
15	WE273-231-8J10901	Worm	1
16	WE273-3130-G1201R	Shaft Retaining Ring ϕ 12	1
17	WE273-3131-ABBD402201R	ST4x22 Screw	4
18	WE273-385-8J17301	Air deflector cover	1
19	WE273-318-8J17301	Wind deflector	1
20	WE273-114-8J17301	Motor Assembly	1
20-1		6800 Bearing	1
20-2		Rotor	1
20-3		Stator	1
20-4		6000 Bearing	1
20-5		ϕ 26 Hole Card	1
20-6		ϕ 10 Axle Card	1
21	WE273-216-8J11602	Chain Brake Handle	1
21-1		Counterweight	1

If you wish to purchase Spare Parts, please visit www.webbgardenpower.co.uk and enter your chosen part number in the search bar. If the part is not listed, please contact our Spares Team on **01793 333212 option 2** or email spares@webbgardenpower.co.uk with your requirements, model and part number details (found on the front cover of this instruction manual).

PARTS LIST – WEV20X2CS40B4X & WEV20X2CS40BARE (1938384001)

NOTE: WEV20X2CS40B4X includes the charger and battery. WEV20X2CS40BARE does not include the charger and battery.

Item No	Webb Part No.	Webb Description	Qty
22	WE273-296-8J17301	Trigger	1
23	WE273-3344-7J1030101R	Trigger Spring	1
24	WE273-293-8J17301	Safety Button	1
25	WE273-344-7A61001	Push Rod Spring	1
26	WE273-139-8J13601	Microswitch	1
27	WE273-158-8J17310	Controller	1
28	WE273-154-8J17310	Battery Display Panel	1
29	WE273-154-8J13601	Battery Display Panel Cover	1
30	WE273-303-8J17302	Right Body Assembly	1
30-1		Insert Stud (short)	1
30-2		Insert Bolt (long)	1
31	WE273-176-8J17301	Decorative Cover	1
32	WE135-J0010001590R	ST4x16 Screw	2
33	WE273-217-8J17301	Left Connecting Plate	1
34	WE273-385-8A21301	Battery Housing Top Cover	1
35	WE273-246-8A21301	Pin Seat	2
36	WE273-182-8A11002	Connector	1
37	WE273-385-8A21302	Battery Housing Lower Cover	1
38	WE135-J0010001590R	ST4x16 Screw	2
39	WE273-217-8J17302	Right Connecting Plate	1
40	WE273-139-8A11901	Microswitch	1
41	WE273-131-NBCD30-18	Flange ST3x18 Screw	1
42	WE273-3129-A0502R	Flat Gasket 5x11x1.5mm	1
43	WE273-3129-A0509R	Flat Gasket 5x16x1.5mm	2
44	WE273-3131-ABDD051401R	Screw M5x14	3
45	WE273-232-8J10902	Locating Pin	1
46	WE273-3129-A0502R	Flat Gasket	1
47	WE273-3130-E0401R	Type E Retaining Ring	1

If you wish to purchase Spare Parts, please visit www.webbgardenpower.co.uk and enter your chosen part number in the search bar. If the part is not listed, please contact our Spares Team on **01793 333212 option 2** or email spares@webbgardenpower.co.uk with your requirements, model and part number details (found on the front cover of this instruction manual).

PARTS LIST – WEV20X2CS40B4X & WEV20X2CS40BARE (1938384001)

NOTE: WEV20X2CS40B4X includes the charger and battery. WEV20X2CS40BARE does not include the charger and battery.

Item No	Webb Part No.	Webb Description	Qty
48	WE273-324-8J11601	Tie Rod Assembly	1
49	WE273-3131-NBCD401203R	Flange ST4x12 Screw	1
50	WE273-344-8J10901	Tension Spring	1
51	WE273-376-8J13601	Brake Band	1
52	WE273-375-8J13601	Brake Ring	1
53	WE273-179-7J30502	Sprocket Gasket	1
54	WE273-3130-G1001R	Shaft Retaining Ring	1
55	WE273-303-8J13601	Front Handle	1
56	WE273-3131-ABCD505502R	ST5x55 Screw	2
57	WE273-3131-ABAD501601R	ST5x16 Screw	2
58	WE273-216-8J13602	Right Housing Cover Plate	1
59	WE135-J0010001590R	ST4x16 Screw	6
60	WE273-3131-ABAD501601R	ST5x16 Screw	1
61	WE273-128-8J10901	Ring Seal	1
62	WE273-286-8J17301	Camshaft	1
63	WE273-3131-EBCD401201R	Countersunk ST4x12	2
64	WE135-J0010001590R	ST4x16 Screw	2
65	WE273-386-8J17301	Cover plate	1
66	WE273-344-7J11503	Wire Spring	1
67	WE273-130-G2001R	Shaft Retaining Ring	1
68	WE273-127-7J12101	Regulating Ring	1
69	WE273-295-7J10901	Lock Knob & Insert	1
69-1		Press Knob Insert	1
70	WE273-131-7J13402	Guide Screw	1
71	WE273-71	40cm Bar 3/8 - 0.043	1
72	WE273-356-8J17302	Spiral Wheel Assembly	1
73	WE273-73	40cm Chain 3/8 - 0.043	1
74	WE273-195-7J11602	Bar Cover	1

If you wish to purchase Spare Parts, please visit www.webbgardenpower.co.uk and enter your chosen part number in the search bar. If the part is not listed, please contact our Spares Team on **01793 333212 option 2** or email spares@webbgardenpower.co.uk with your requirements, model and part number details (found on the front cover of this instruction manual).

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X-SERIES

INSTRUCTION MANUAL



DECLARATION OF CONFORMITY

We Handy Distribution Ltd - SN3 5HY (Importer) declare that the product:

Designation: Lithium 40V (20V+20V) Battery Chainsaw

Model(s): WEV20X2CS40B4X/ WEV20X2CS40BARE

Product Number: 1938384001

Type/Serial No. As per rating label on machine

Protection: IPX0

No Load Speed: 8100-13500 rpm

Max Speed: 25 m/s

Battery: 20V DC 4Ah 80Wh (when supplied)

This machine conforms to EU Directives, to which this declaration relates & corresponds to the relevant basic safety and health requirements of Directive:

Machinery Directive 2006/42/EC

EMC Directive 2014/30/EU

Noise Directive 2000/14/EC and as amended (EU) 2024/1208

RoHS Directive 2011/65/EU & (EU)2015/863

For the relevant implementation of the safety and health requirements mentioned in the Directives, the following standards and/or technical specification(s) have been respected:

EN 62841-1:2015/A11:2022 - EN 62841-4-1:2020 - EN IEC 55014-1:2021 - EN IEC 55014-2:2021

Sound Pressure Level L_{PA} : 90.5 dB(A) – uncertainty K = 3 dB(A)

Sound Power Level L_{WA} : 99.8 dB(A) – uncertainty K = 3.29 dB(A)

Guaranteed Sound Power Level L_{WA} : 105 dB(A)

Vibration Level: Handle a_h : 1.76 m/s^2 - uncertainty K: 1.5 m/s^2

Notified Bodies:

TÜD SÜV Product Service GmbH

Authorised signatory and technical file holder

Date: 17/12/2025

Name: Mr Simon Belcher

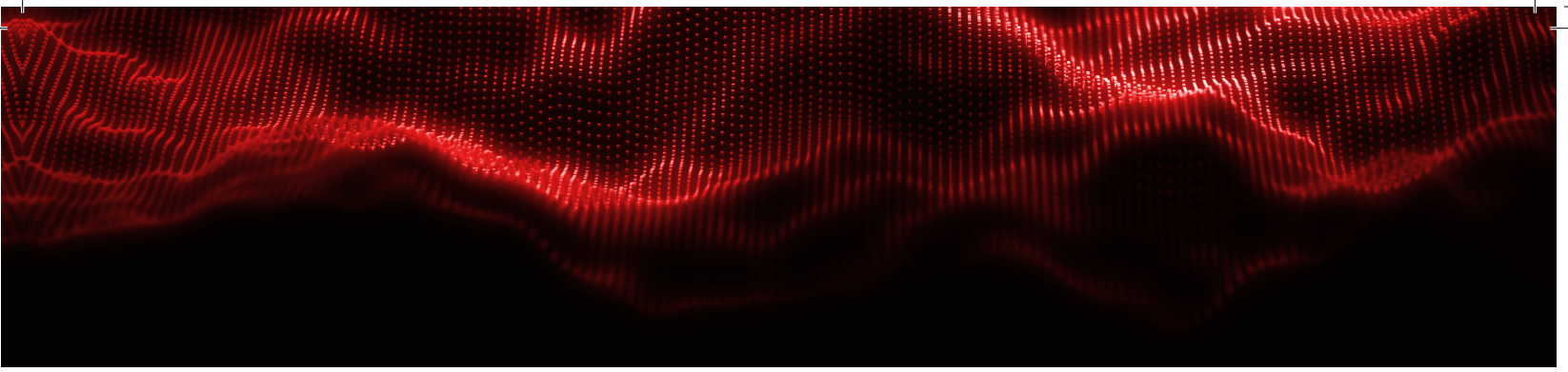
Signature:

A handwritten signature in black ink, appearing to read 'S Belcher', written over a horizontal line.

Position: Chairman

Company: Handy Distribution Ltd

Address: Murdock Rd, Swindon, Wiltshire, SN3 5HY.



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*.

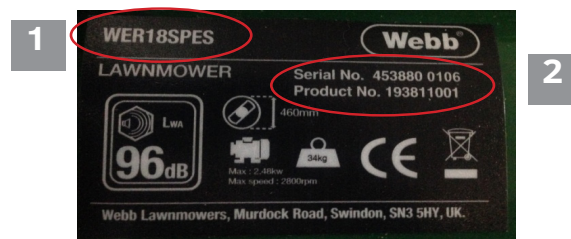
Present this service book to your authorised Webb repair dealer, whenever a service or a warranty appraisal is required.

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

Please complete using BLOCK CAPITALS.
Sections marked* must be completed to validate Warranty.



X-SERIES

INSTRUCTION MANUAL

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

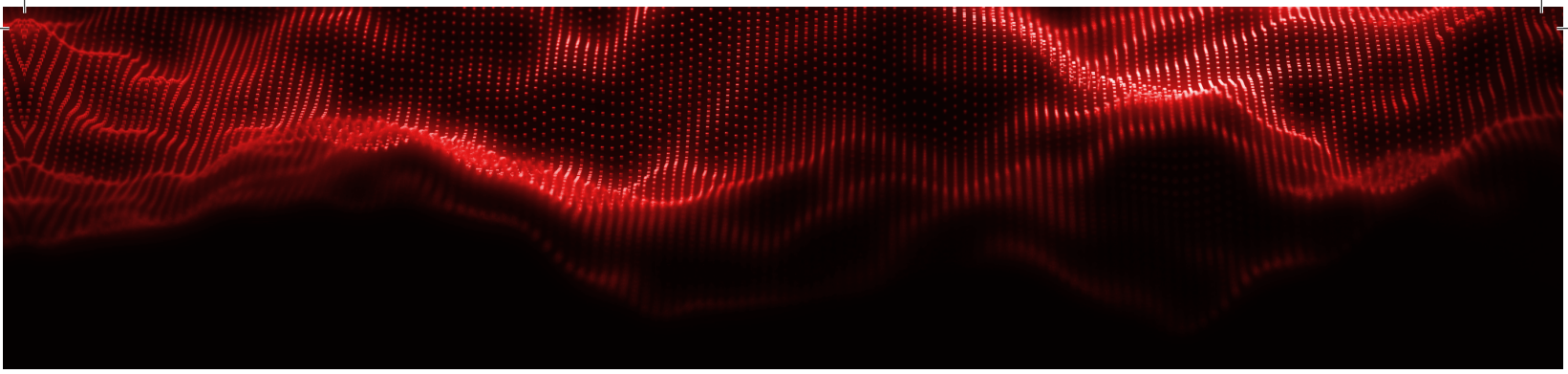
Webb (Green Products)

- 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.

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X-SERIES

INSTRUCTION MANUAL

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

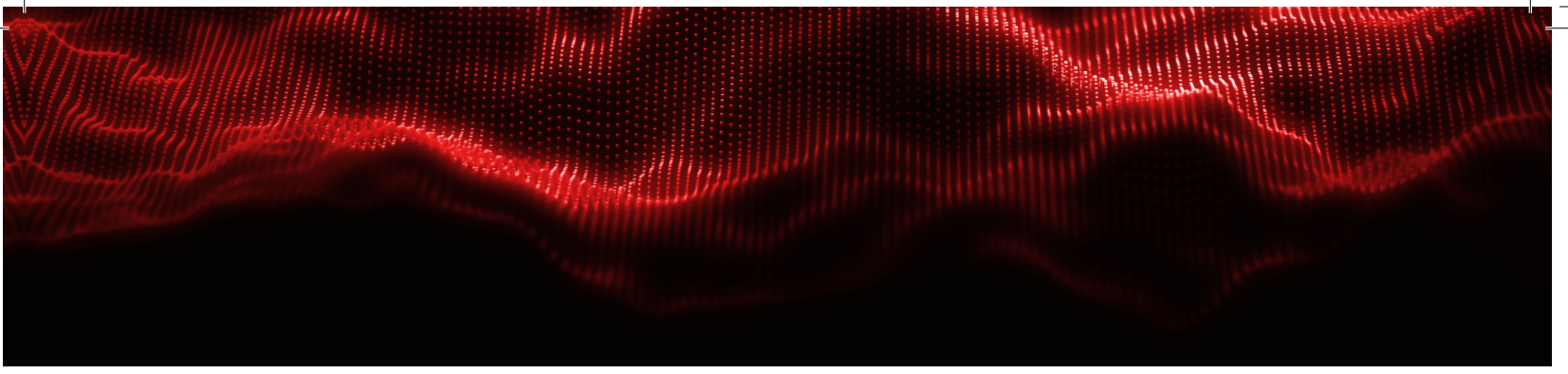
Date

24 Months

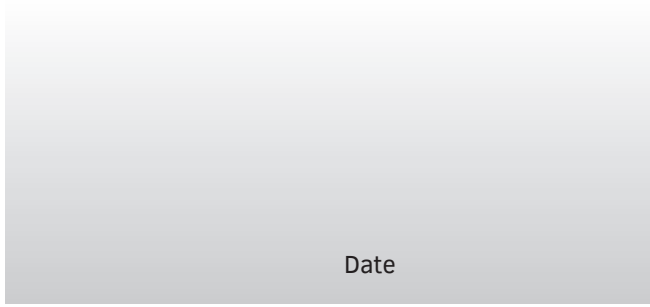
Date

36 Months

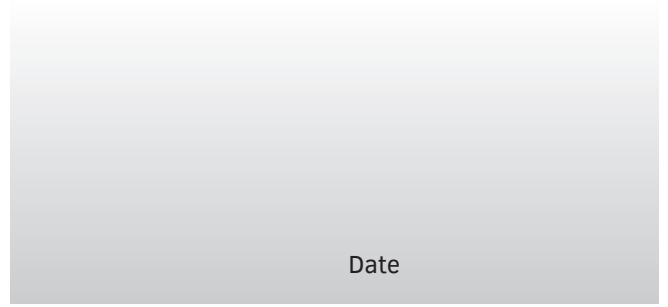
Date



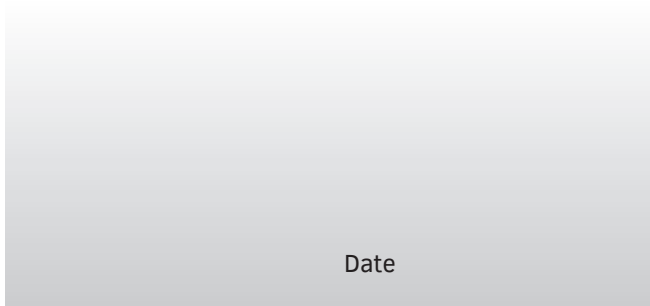
48 Months



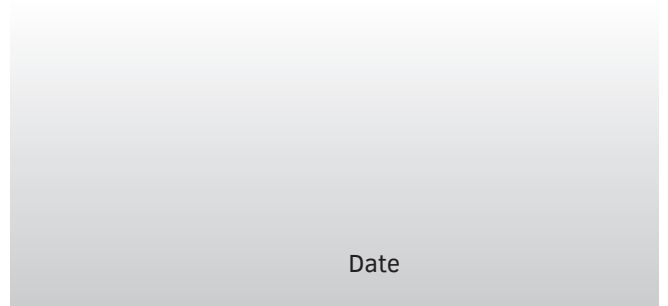
60 Months



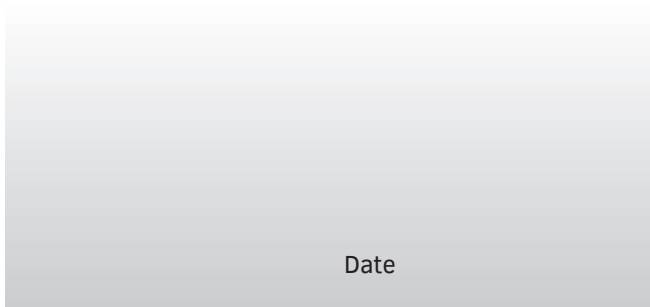
72 Months



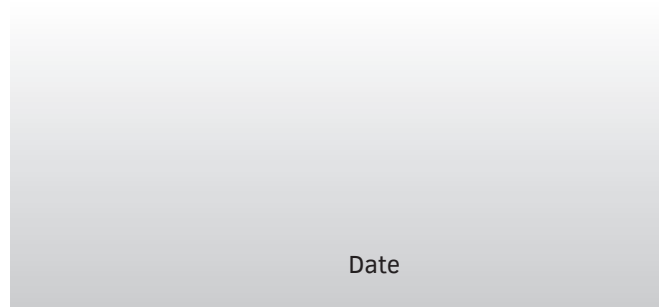
84 Months



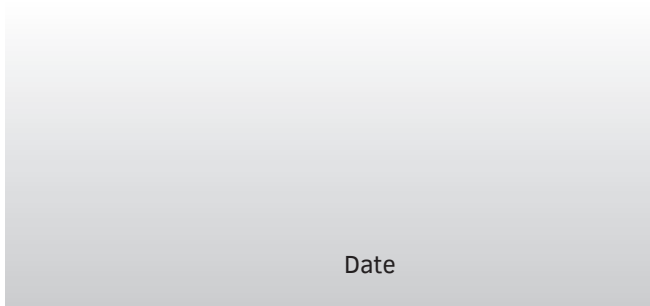
96 Months



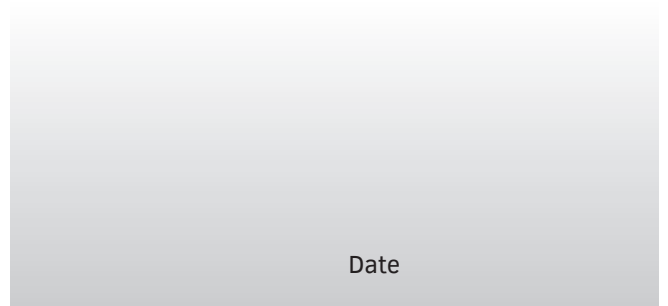
108 Months



120 Months



132 Months





X-SERIES

INSTRUCTION MANUAL

If you have registered online, this form is not necessary.
PLEASE POST THIS COPY TO THE ADDRESS OVERLEAF

Product Information (* Compulsory)

*Model No:	
*Product No:	
*Serial No:	
*Date of Purchase:	

Personal Information (* Compulsory)

*Title		*Forename		*Surname	
*House Number		*House Name			
*Address 1					
*Address 2					
*Town					
*County					
*Postcode					
Home Tel				Mobile Tel	
Email					

Age	18 to 25	26 to 35	36 to 45	46 to 60	61 to 80	81 & over
*Usage	Domestic Use		Commercial/Professional/Hire Use			

*Dealer Stamp (if available)



*Selling Retailer (If dealer stamp not available)

*Dealer Name	
*Dealer Address	
*Date of Purchase	

Webb Lawnmowers privacy commitment to machine owners.

The information supplied, helps us to improve the products & services we provide, including information that we believe is relevant to your and/or your machine. We value your trust by giving us this information about yourself and we are committed to protecting your privacy.

Webb, its associated companies, authorised dealers or third parties working on our behalf may wish to contact you regarding **PRODUCT RECALLS** specific to your machine. Please advise how you wish to be contacted for this specific reason only:

Post Telephone Email

From time to time Webb, its associated companies, authorised dealers or third parties working on our behalf may wish to contact you regarding our products, services, offers or just opinions, which may be used for marketing, research or analysis purposes.

If you wish to be contacted by any of the following methods, please tick the relevant boxes:

Post Telephone Email

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

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X-SERIES

Service & Support: cs@webbgardenpower.co.uk

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

New cordless garden machinery range from

Webb[®]

ADVANCED 40V BATTERY TECHNOLOGY