

JAWSAW®



**SAFETY AND OPERATING MANUAL
ORIGINAL INSTRUCTION**

**Cordless Limbing and
Trimming Chain Saw**

**WG329E
WG329E.5 WG329E.9**

GENERAL POWER TOOL SAFETY WARNINGS



WARNING: 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.

1) WORK AREA SAFETY

- a) **Keep work area clean and well lit.**
Cluttered or dark areas invite accidents.
- b) **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.
- c) **Keep children and bystanders away while operating a power tool.**
Distractions can cause you to lose control.

2) ELECTRICAL SAFETY

- a) **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.
- b) **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.
- c) **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- d) **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.
- e) **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord

suitable for outdoor use reduces the risk of electric shock.

- f) **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.

3) PERSONAL SAFETY

- a) **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.
- b) **Use personal protective equipment. Always wear eye protection.**
Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- c) **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.
- d) **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.
- e) **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- f) **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.
- g) **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.

4) POWER TOOL USE AND CARE

- a) **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.
- b) **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.
- c) **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.
- d) **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.
- e) **Maintain power tools. 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.
- f) **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- g) **Use the power tool, accessories and tool bits etc. 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.

5) BATTERY TOOL USE AND CARE

- a) **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.

- b) **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- c) **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.
- d) **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.

6) SERVICE

- a) **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.

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JAW SAW SAFETY WARNINGS

- 1. **Keep all parts of the body away from the saw chain when the jaw saw is operating. Before you start the jaw saw, make sure the saw chain is not contacting anything.** A moment of inattention while operating jaw saws may cause entanglement of your clothing or body with the saw chain.
- 2. **Always hold the jaw saw with your right hand on the rear handle and your left hand on the front handle.** Holding the jaw saw with a reversed hand configuration increases the risk of personal injury and should never be done.
- 3. **Wear safety glasses and hearing protection. Further protective equipment for head, hands, legs and feet is recommended.** Adequate

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protective clothing will reduce personal injury by flying debris or accidental contact with the saw chain.

- 4. Do not operate a jaw saw in a tree.** Operation of a jaw saw while up in a tree may result in personal injury.
- 5. Always keep proper footing and operate the jaw saw 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 jaw saw.
- 6. When cutting a limb that is under tension be alert for spring back.** When the tension in the wood fibres is released the spring loaded limb may strike the operator and/or throw the jaw saw out of control.
- 7. 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.
- 8. Follow instructions for lubricating, chain tensioning and changing accessories.** Improperly tensioned or lubricated chain may either break or increase the chance for kickback.
- 9. Keep handles dry, clean, and free from oil and grease.** Greasy, oily handles are slippery causing loss of control.
- 10. Cut wood only. Do not use jaw saw for purposes not intended. For example: do not use jaw saw for cutting plastic, masonry or non-wood building materials.** Use of the jaw saw for operations different than intended could result in a hazardous situation.
- 11. 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.

SAFETY WARNINGS FOR BATTERY PACK

- a) **Do not dismantle, open or shred cells or battery pack.**
- b) **Do not short-circuit a battery pack. Do not store battery packs haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by conductive materials.** 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.
- c) **Do not expose battery pack to heat or fire. Avoid storage in direct sunlight.**
- d) **Do not subject battery pack to mechanical shock.**
- e) **In the event of battery leaking, do not allow the liquid to come into contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.**
- f) **Seek medical advice immediately if a cell or battery pack has been swallowed.**
- g) **Keep battery pack clean and dry.**
- h) **Wipe the battery pack terminals with a clean dry cloth if they become dirty.**
- i) **Battery pack needs to be charged before use. Always refer to this instruction and use the correct charging procedure.**
- j) **Do not maintain battery pack on charge when not in use.**
- k) **After extended periods of storage, it may be necessary to charge and discharge the battery pack several times to obtain maximum performance.**
- l) **Battery pack gives its best performance when it is operated at normal room temperature (20°C ± 5°C).**
- m) **When disposing of battery packs,**

keep battery packs of different electrochemical systems separate from each other.

- n) **Recharge only with the charger specified by Worx. Do not use any charger other than that specifically provided for use with the equipment.**
A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- o) **Do not use any battery pack which is not designed for use with the equipment.**
- p) **Keep battery pack out of the reach of children.**
- q) **Retain the original product literature for future reference.**
- r) **Remove the battery from the equipment when not in use.**
- s) **Dispose of properly.**

SYMBOLS



Read the manual



Wear eye protection



Wear ear protection



Wear dust mask



Do not expose to rain



Do not burn



Do not expose to rain or water

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XINR18/65-Y: Cylindrical lithium ion battery cells with max diameter of 18mm and max height of 65mm; “x” represents a number cells serial connected, blank if 1; “-y” represents a number of cells paralleled connected, blank if 1.



Li-Ion

Do not dispose of batteries, Return exhausted batteries to your local collection or recycling point.



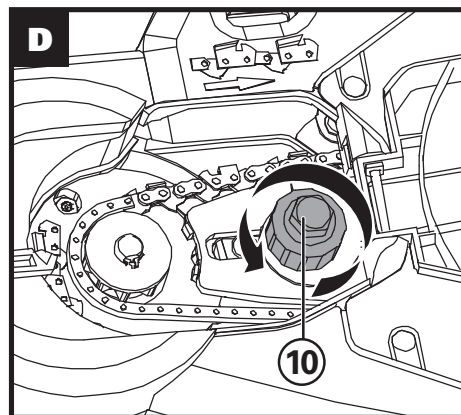
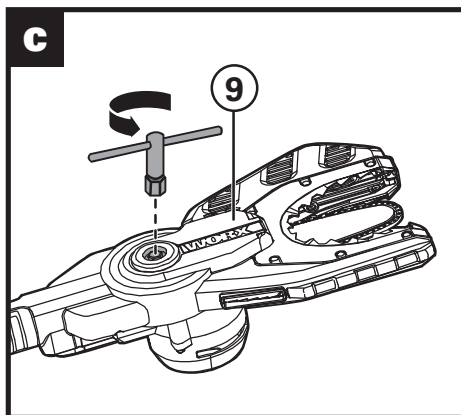
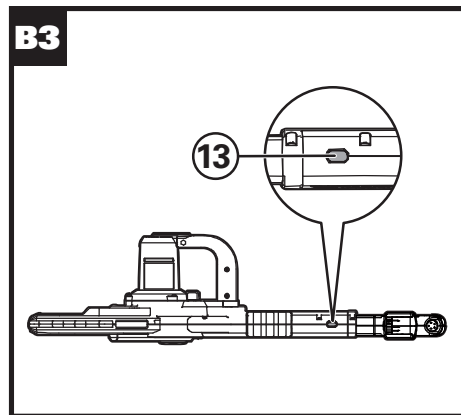
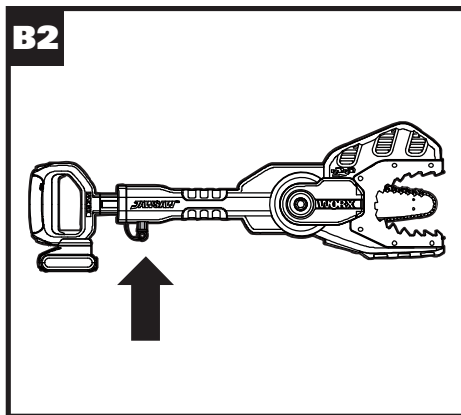
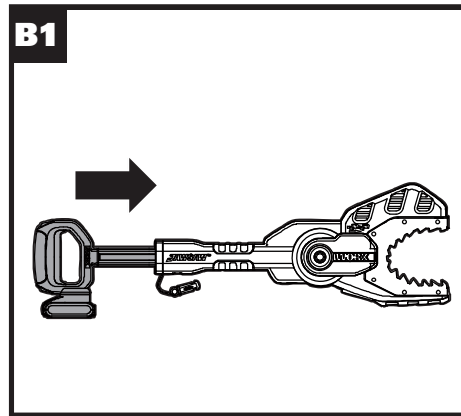
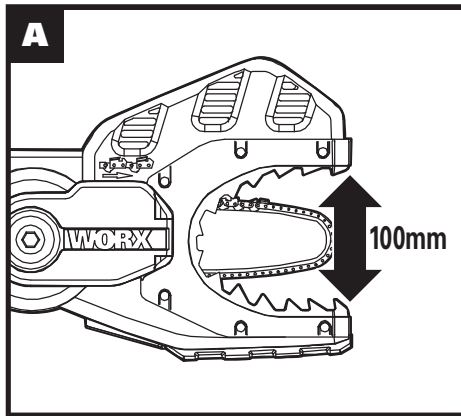
Li-Ion

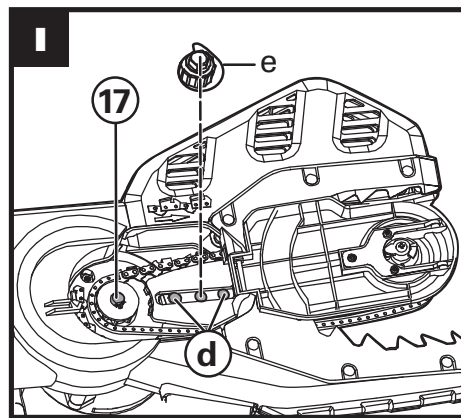
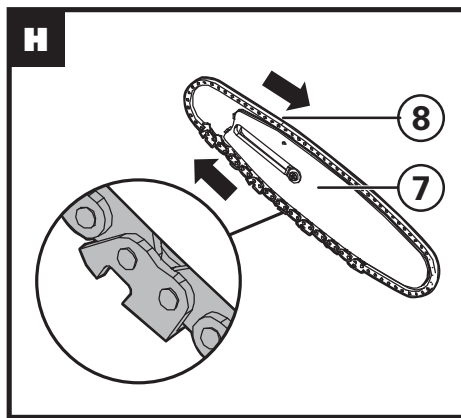
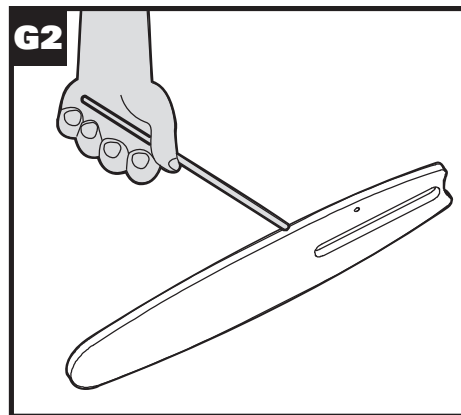
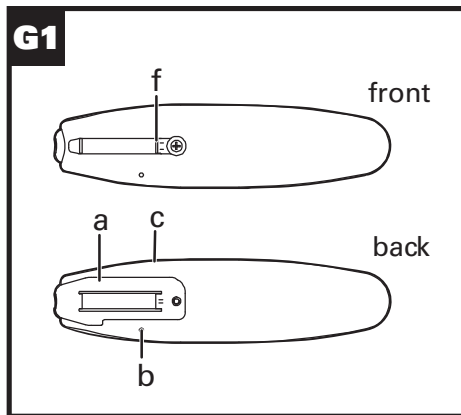
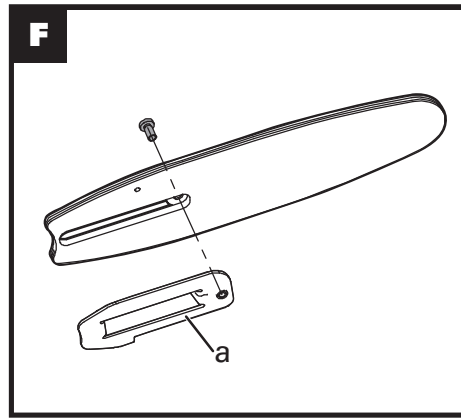
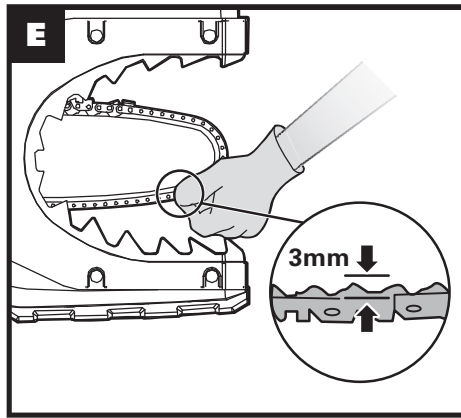


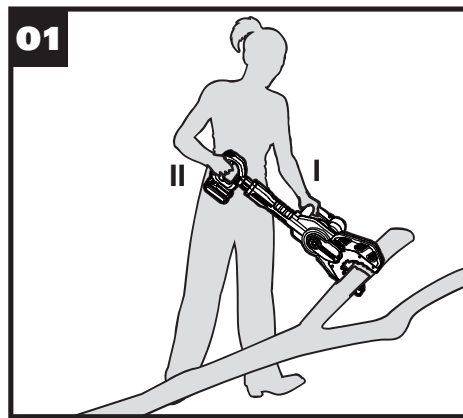
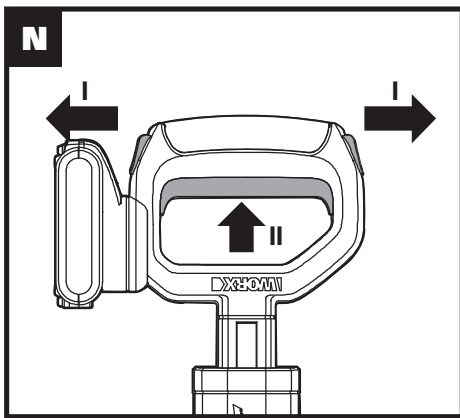
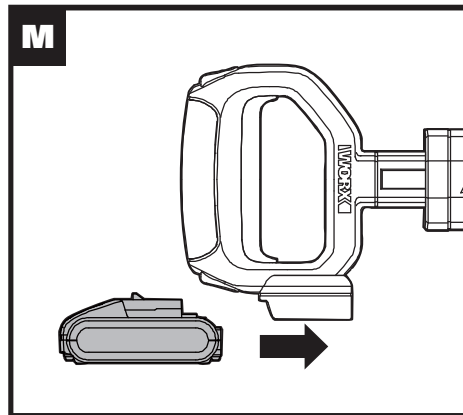
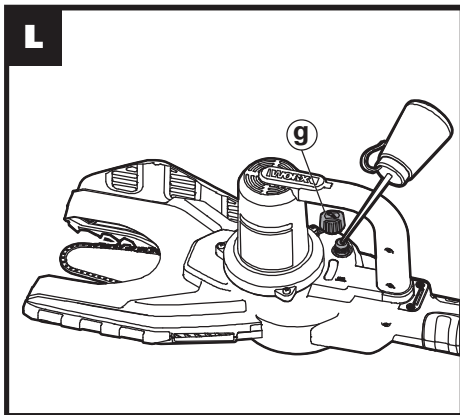
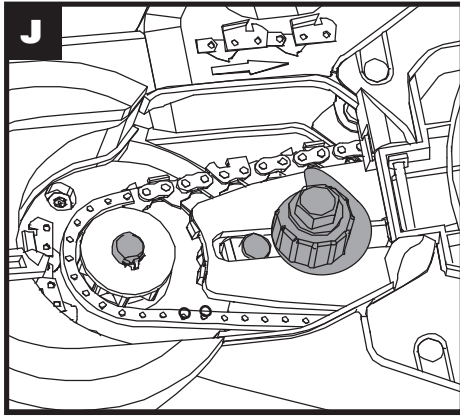
Waste electrical products must not be disposed of with household waste. Please recycle where facilities exist. Check with your local authorities or retailer for recycling advice.

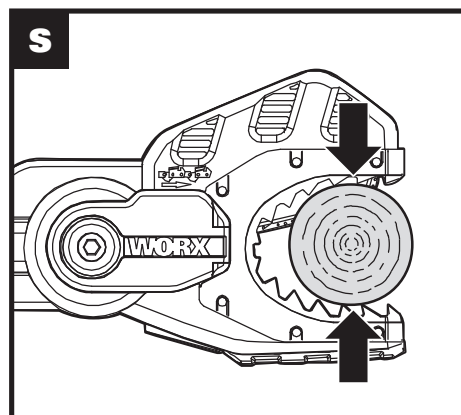
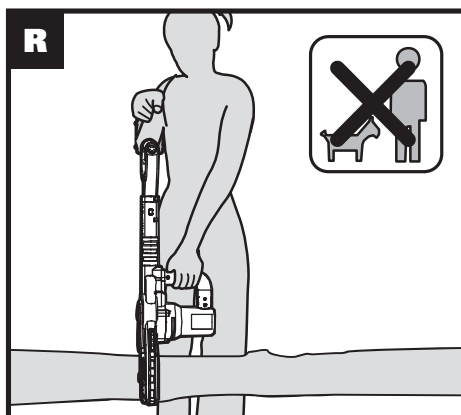
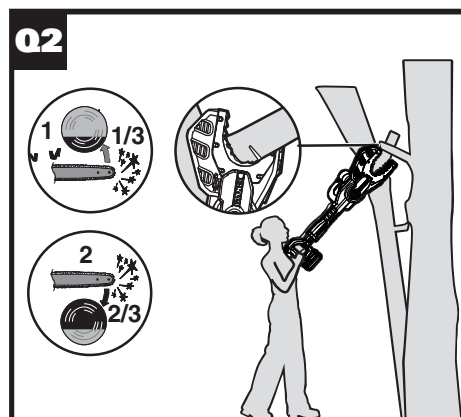
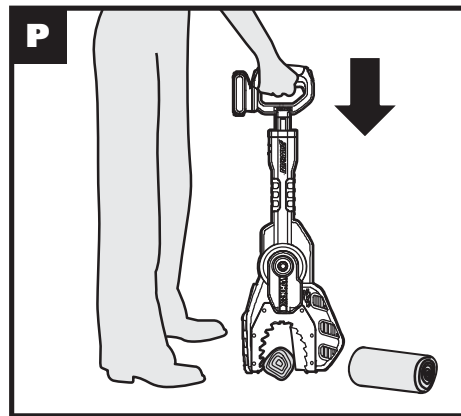
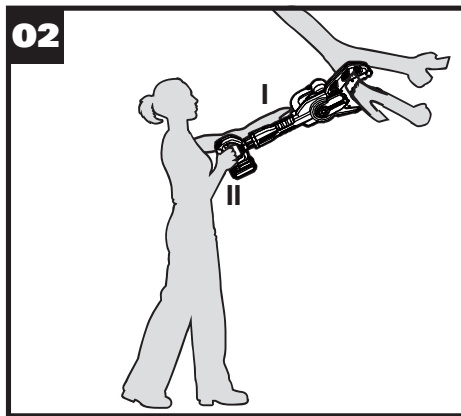
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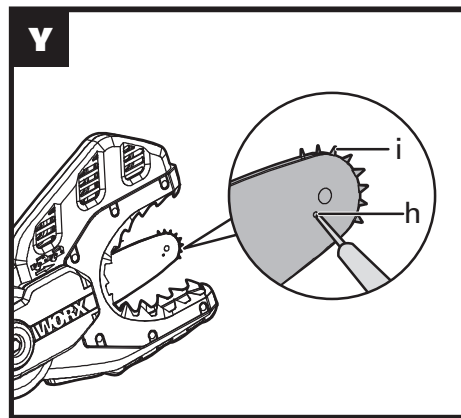
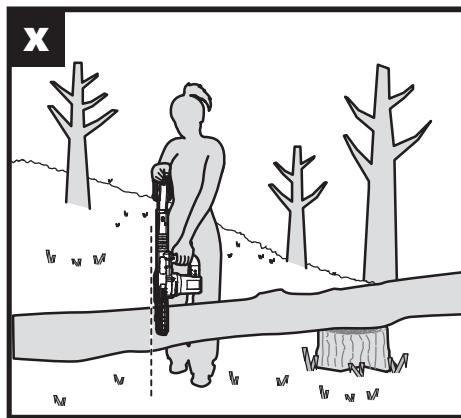
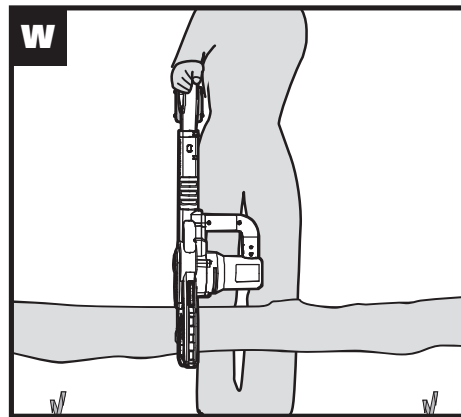
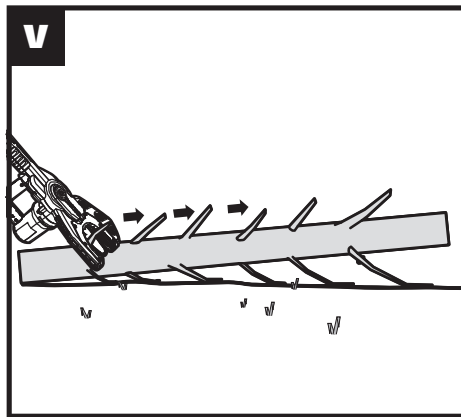
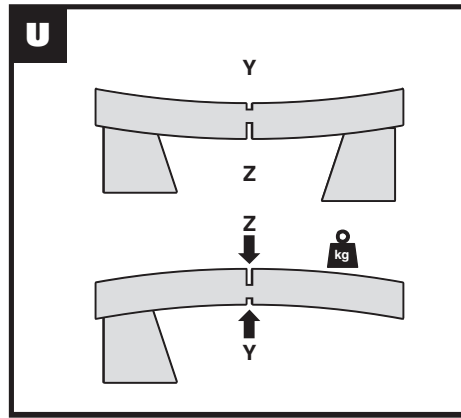
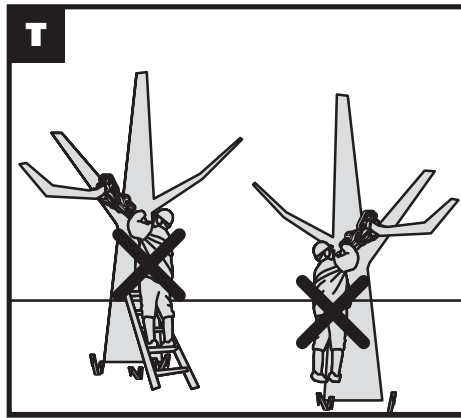
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COMPONENT LIST

| | |
|-----------|--|
| | 1. REAR HANDLE |
| | 2. TRIGGER SWITCH |
| | 3. LOCK OUT BUTTON |
| | 4. FRONT HANDLE |
| | 5. MOTOR |
| | 6. JAW TEETH |
| | 7. GUIDE BAR |
| | 8. SAW CHAIN |
| | 9. CHAIN ACCESS COVER |
| | 10. CHAIN ACCESS COVER NUT |
| | 11. AUXILIARY POSITION |
| | 12. LOCK PIN |
| | 13. LOCK PIN RECEPTACLE (See Fig. B3) |
| | 14. BATTERY PACK |
| | 15. OIL LEVEL WINDOW |
| | 16. OIL FILLER |
| 12 | 17. SPROCKET |
| | 18. CHAIN TENSIONING BOLT |
| | 19. OIL BOTTLE |


Not all the accessories illustrated or described are included in standard delivery.

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TECHNICAL DATA


Type **WG329E WG329E.5 WG329E.9** (3- designation of machinery, representative of Jaw Saw)

| | WG329E | WG329E.5 | WG329E.9 |
|-----------------------|--|-------------|----------|
| Voltage | 20V  Max* | | |
| No load speed | 1350/min | | |
| Guide bar length | 150mm | | |
| Oil tank capacity | 30ml | | |
| Chain pitch | 6.4mm | | |
| Chain gauge | 1.3mm | | |
| Chain speed | 2.54m/s | | |
| Number of chain links | 42 | | |
| Charging time | 5hr approx. | 1hr approx. | / |
| Weight | 3.6kg | | 3.2kg |

* Voltage measured without workload. Initial battery voltage reaches maximum of 20 volts. Nominal voltage is 18 volts.

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NOISE AND VIBRATION DATA

| | |
|---|---|
| A weighted sound pressure | $L_{pA} = 72,2\text{dB(A)}$ |
| A weighted sound power | $L_{wA} = 82\text{dB(A)}$ |
| K_{pA} & K_{wA} | 3.0dB(A) |
| Wear ear protection when sound pressure is over | 80dB(A)  |
| Vibration total values (triax vector sum) determined according to EN 60745: | |
| Vibration emission value | $a_h = 0,52\text{m/s}^2$ $a_{h1} = 0,46\text{m/s}^2$ |
| Uncertainty | $K=1.5 \text{ m/s}^2$ |

The declared vibration total value may be used for comparing one tool with another, and may also be used in a preliminary assessment of exposure.




WARNING: The vibration emission value during actual use of the power tool can differ from the declared value depending on the ways in which the tool is used dependant on the following examples and other variations on how the tool is used:
How the tool is used and the materials being cut or drilled.

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The tool being in good condition and well maintained
 Using the correct accessory for the tool and ensuring it is sharp and in good condition.
 The tightness of the grip on the handles and if any anti vibration accessories are used.
 And the tool is being used as intended by its design and these instructions.

This tool may cause hand-arm vibration syndrome if its use is not adequately managed.

 **WARNING:** To be accurate, an estimation of exposure level in the actual conditions of use should also take account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle but not actually doing the job. This may significantly reduce the exposure level over the total working period.
 Helping to minimize your vibration exposure risk.
 ALWAYS use sharp chisels, drills and blades
 Maintain this tool in accordance with these instructions and keep well lubricated (where appropriate)
 If the tool is to be used regularly then invest in anti vibration accessories.
 Avoid using tools in temperatures of 10°C or less
 Plan your work schedule to spread any high vibration tool use across a number of days.

ACCESSORIES

| | WG329E | WG329E.5 | WG329E.9 |
|--------------------|------------|------------|----------|
| Wrench | 1 | | |
| Oil Bottle | 1 | | |
| Chain oil (100ml) | 1 | | |
| Charger | 1 (WA3760) | 1 (WA3860) | / |
| Battery (WA3551.1) | 1 | 1 | / |

We recommend that you purchase your accessories from the same store that sold you the tool.
 Use good quality chain oil. Use only replacement bar and chain of the same specification. Your retailer can advise the correct purchase.

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INTENDED USE

This JAWSAW® has been designed for pruning branches and cutting small logs up to 100mm in diameter, not for cutting metals (See Fig. A).

ADJUSTMENT AND ASSEMBLY



WARNING: Before touching the chain or making any other adjustments, make sure that the tool is switched off and the battery is removed.

All Saw Chains wear and become loose from operation. Periodically check the Saw Chain (8), if there is any visible gap between the chain and the Guide Bar (7), it must be re-tensioned.



WARNING: Remove the battery from the tool before adjusting saw chain tension.

Cutting edges on chain are sharp. Use protective gloves when handling chain.

This product comes fully assembled. However, we recommend that you check the chain tension before use and readjust if necessary.

ADJUSTING THE CHAIN TENSION

1. Push the Rear Handle (1) until the Guide Bar (7) is in the middle of the jaw opening as shown. Lock the Guide Bar in the middle position by inserting the Lock Pin (12) into the Lock Pin Receptacle (13) located under the Rear Handle (1) (See Fig. B1-B3).
2. Open the chain access cover (9) by using the supplied wrench. To open turn the Access Cover Nut no more than a 1/4 turn in either direction (See Fig. C).
3. Release tension on the Saw Chain (8) by loosening the Chain Tensioning Bolt (10). Turn the Chain Tensioning Bolt counter-clockwise 2 or more times (See Fig. D).
4. Add tension on the Saw Chain by turning the Chain Tensioning Bolt clockwise. When tightening the Chain Tensioning Bolt the automatic chain tensioning system will set the tension to the Saw Chain at the same time.

NOTE: It is not possible to overtighten the Saw Chain, so tighten the chain as much as possible.

5. Check that the correct Saw Chain tension has been set. It should be possible to pull the Saw Chain away from the side of the Guide Bar approximately 3mm and it should snap back (See Fig. E). If tension is incorrect, repeat step 3, ensuring the Guide Bar is free to move when the tension is released.

CHANGING THE GUIDE BAR AND SAW CHAIN



WARNING!

- **Laceration hazard.** Always wear protective gloves when installing or removing the saw chain. The saw chain is sharp and can cut you even when it is not running.
- **Burn hazard.** The chain guide bar and chain may become hot during use. Allow to cool before adjustment or removal.

1. Ensure the operation is carried out on a **firm surface**.
2. Remove the battery pack, install the Lock Pin (12) and open the Chain Access Cover (9) as described in the previous section.
3. Use only Worx replacement Guide Bar and Saw Chain.
4. Loosen and remove the Chain Tensioning Bolt (17).
5. Lift the Guide Bar (7) and Saw Chain (8) out through the jaw, angling the Guide Bar to clear the two bar locating pins (d) (See Fig. I).
6. If replacing the Guide Bar, remove the mounting plate (a), which is retained by a **single screw and fit to the new Guide Bar**. The Guide Bar is symmetrical and may be mounted with either face outward (can be reversed if the lower working edge is worn) (See Fig. F).
7. **Before re-fitting the Guide Bar, check that the small oil hole (b) and chain slot (c) are not blocked by dirt or sawdust, use a small toothpick to clean if necessary (See Fig. G1, G2).**
8. **Refit the Saw Chain to the Guide Bar.**

Note the correct direction of the teeth (See Fig. H). The cutting direction is inward on the lower cutting edge.

9. With the mounting plate (a) side of the Guide Bar facing the Motor (8) and holding the Saw Chain in place on the bar, feed bar and chain into the jaw, angling over the bar locating pins (d) and pulling the Saw Chain over the drive Sprocket (17) (See Fig. I). There will be little excess Saw Chain length, therefore, **the Saw Chain must be properly fitted** in the Guide Bar slot to provide enough extra chain to be pulled over the drive Sprocket.
10. Check if all parts are seated properly (See Fig. J).
11. **Refit and tighten the Chain Tensioning Bolt.** Note the cam (e) of the Chain Tensioning Bolt will engage the projecting tab (f) of the bar mounting plate and push the bar outward to tension the chain, check for correct tension (See **Adjusting the chain tension**).
12. Close the Chain Access Cover and remove the Lock Pin.

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LUBRICATION



IMPORTANT: The JAWSAW® is shipped with an empty oil tank. It is essential to fill with chain oil before use. Bar and chain oil of any brand can be used.

Never operate the JAWSAW® without chain oil or an empty tank as this will result in poor cutting performance, motor overload and possible burn-out.

FILLING OIL TANK:

1. Fill Oil Bottle (19) with chain and bar oil (See Fig. K).
2. Rest the JAWSAW® with the Oil Filler facing upward.
3. **Uncrew the oil filler cap (g) open.**
4. **Use bottle to fill oil reservoir (See Fig. L).**
5. **Screw the oil filler cap.**



IMPORTANT: Use only the recommended oil to avoid damage to the JAWSAW®. Do not use dirty,

used or otherwise contaminated oils. Damage may occur to the bar or chain. Use of non approved oil will invalidate the warranty.

CHECKING THE AUTOMATIC OILER

The JAWSAW® uses a much lower chain speed than a conventional chainsaw so it needs much less oil.

However it is very important that it always has oil.

Check the Oil Level Window (14) and refill as necessary.

During operation, periodically check the Saw Chain (8) and Guide Bar (7). A slight oil presence should be visible. If the chain and bar appear completely dry, then remove the bar and chain (see previous section) to ensure the bar oil hole is not blocked.

If the oil hole is clear, there is oil in the tank and still no oiling of the chain is visible – contact Worx customer service.



WARNING: Do not push the rear handle repeatedly when the saw is not cutting. The oil will be bumped out when pushing the handle whether the motor runs or not.

OPERATION

1. BEFORE USING YOUR CORDLESS TOOL

Your battery pack is UNCHARGED and you must charge once before use

The battery charger supplied is matched to the Li-Ion battery installed in the machine. Do not use another battery charger.

2. CHARGING YOUR BATTERY PACK

The Li-Ion battery is protected against deep discharging. When the battery is empty, the machine is switched off by means of a protective circuit.

In a warm environment or after heavy use, the battery pack may become too hot to permit charging. Allow time for the battery to cool down before recharging.

3. TO REMOVE OR INSTALL BATTERY PACK (See Fig. M)

Depress the battery release button to release

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battery pack from your tool. After recharging, insert the battery pack into the battery port. A simple push and slight pressure will be sufficient.

PREPARE YOUR JAWSAW® FOR USE



WARNING!

- **Read and understand all instructions. Failure to follow all instructions listed may result in electric shock, fire and/or serious personal injury.**
- **Sharp moving blade. To prevent accidental operation, ensure that the battery pack is removed before performing the following operations, failure to do this could result in serious personal injury.**



CAUTION: Sharp moving blade. Always wear protective gloves when installing or removing the chain, the Saw Chain (8) is sharp and can cut you when it is not running.



WARNING:

- Never operate a JAWSAW® that is damaged or improperly adjusted or that is not completely and securely assembled.
- Be sure that the saw chain stops moving when the power control system triggers are released.
- Never adjust the guide bar or saw when battery pack is connected.

SWITCHING ON AND OFF

The Trigger Switch (2) is locked to prevent accidental starting.

There are two Lock Out Buttons (3), to allow upright (cutting down from the top) or inverted (cutting up from the bottom) operation.

To switch on, press either Lock Out Button with your thumb and squeeze the Trigger Switch (See Fig. N).

To switch off, just release the Trigger Switch.

CUTTING


Check oil level window (14) prior to starting and regularly during operation. Refill oil when oil level is low.

If operating with a newly replaced Saw Chain (8), check the chain tension around every 10 minutes during operation.

Always hold the Front Handle (4) firmly when cutting (See Fig. O1, O2).

1. Use both hands to grip saw firmly.

Always use your left hand (I) to grip the front handle and your right hand (II) to grip the Rear Handle(1). Thumbs and fingers must wrap around saw handles (See Fig. O1, O2).

2.  **IMPORTANT:** Make sure your footing is firm and stable. Do not use the JAWSAW® while standing on piles of branches or while standing on a ladder.

HINT: When cutting branches which are lying on the ground, place one foot on the branch to prevent limb from moving (See Fig. P).



WARNING! Do not put your foot in the Jaw teeth, keep your foot a safe distance from the tool. (See Fig. P)

3. Position the tool with the Jaw placed over the desired branch to be cut.



WARNING:

- DO NOT force the cut. Let the Saw Chain pull through the wood.
 - When starting the saw make sure the chain is not in contact with the limb or branch to be cut.
4. Switch on the tool.
 5. Push the Rear Handle towards the Front Handle to complete the cut.
 6. Switch off the tool after the Guide Bar and Saw Chain have returned to their starting position.



WARNING:

- When completing the cut (step 6 above) do not push the handle forcefully, let the spinning chain pull itself through the wood.
- Using too much force on the rear handle when cutting can overload the tools motor.



CAUTION: At the end of each cut be prepared to support the tools weight.

TRIMMING BRANCHES:

Before cutting any branch, you must consider the following:

1. Is the branch heavy, will it damage anything when it falls?
 - Large branches should be cut in small sections starting at the farthest end from the tree.
 - Always check where the branch will fall BEFORE commencing the cut.
 - Never stand under a branch being cut.
2. Will the branch split before it is cut through? (See Fig. Q1, Q2)
 - To prevent splitting, turn the JAWSAW® upsidedown and make a small cut (less than 1/3 diameter of the limb) from the underside.
 - Then turn the JAWSAW® over to the normal position and cut from top down, slightly further out from the trunk than the initial undercut.
3. Is the branch under tension, will it spring suddenly or trap the saw when it is cut?
 - Always stand outside the path of a springy branch. It can strike suddenly with surprising force and cause injury or loss of control of the saw.
 - Always cut from the tension side of a branch, usually the top of a branch on a standing tree, but can be any side of the branch of a fallen tree.
 - If the cut starts to close on the saw, you are cutting from the wrong side, keep the saw running and pull the saw to retract the blade from the cut.
 - If the saw becomes trapped do not try to pull it out with excessive force, lift the branch to open the cut while an assistant removes the saw.

KICKBACK SAFETY

This saws chain is covered by a guard however, kickback can still occur. The following steps will reduce the risk of kickback

- Use both hands to grip saw while saw is running. Use firm grip. Thumbs and

fingers must wrap around saw handles.

- Keep all safety items in place on saw. Make sure they work properly.
- Do not overreach.
- Keep solid footing and balance at all times.
- Stand slightly to left side of saw. This keeps your body from being in direct line with Saw Chain.
- Do not let guide bar nose touch anything when Saw Chain is moving.
- Do not bury Guide Bar nose or try to plunge cut (boring into wood using bar nose).
- Watch for shifting of wood or other forces that may pinch Saw Chain.
- Use extreme caution when reentering a previous cut.
- Never use a dull or loose Saw Chain. Keep Saw Chain sharp with proper tension.

PROPERLY USING THE JAWSAW®

Use the JAWSAW® only with secure footing. Hold the JAWSAW® at the right-hand side of your body (See Fig. R).

The Saw Chain must be running at full speed before it makes contact with the wood. Use the metal JawTeeth (6) to secure the saw onto the wood before starting to cut (See Fig. S).

Do not operate the JAWSAW® with arms fully extended or attempt to saw areas which are difficult to reach, or on a ladder (See Fig. T).

CUTTING WOOD UNDER TENSION (See Fig. U)



WARNING: When cutting a limb that is under tension, use extreme caution. Be alert for wood springing back. When wood tension is released, the limb could spring back and strike operator causing severe injury or death.

When sawing logs supported on both ends, start the cut from above (Y) about 1/3 of the diameter into the log and then finish the cut (Z) from below, in order to avoid contact of the JAWSAW® with the ground. When sawing logs supported on only one end, start the cut from below (Y) about 1/3 of the diameter into the log and finish the cut from

above (Z) in order to avoid log splitting or jamming of the tool.

LIMBING A TREE (See Fig. V)

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 as illustrated. Branches under tension against the ground should be cut from the bottom up to avoid binding the JAWSAW®.

BUCKING A LOG (See Fig. W)

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. Follow the simple directions for easy cutting.



WARNING: (See Fig. X)

- If on slope, make sure log will not roll down hill. Secure log by using wooden stakes. Drive wooden stakes into ground on downhill side of log. Stand on uphill side of log while cutting. Log may roll after cutting. (See Fig. X)
- Never try cutting through two logs at same time. This could increase the risk of kickback.
- While cutting log, never hold log with your hand or leg.
- While cutting log, never allow another person to hold log.
- Turn off and remove the battery pack from the saw before moving from one place to another.

SAW MAINTENANCE AND KICKBACK SAFETY

Follow maintenance instructions in this manual. Proper cleaning and maintenance of the Saw Chain (8) and Guide Bar (7), as well as the JAWSAW® in general, can reduce chances of kickback. Inspect and maintain saw after each use. This will increase the service life of your saw.

NOTE: Even with proper sharpening, risk of kickback can increase with each sharpening.

MAINTENANCE AND STORAGE OF JAWSAW®

1. Remove the battery pack from the saw:
 - When not in use.
 - When transporting.
 - When left unattended.
 - Before servicing.
 - Before cleaning.
 - Before changing accessories or attachments, such as Saw Chain and Guard Bar.
2. Inspect the saw before and after each use for:
 - Any signs of damage.
 - Smooth action of push handle and movement of bar.
 - Adequate Chain Tension; you should be able to lift the Saw Chain from the Guide Bar no more than 3mm.
 - Adequate chain lubrication.
3. Do not use the JAWSAW®, if:
 - The Trigger Switch (2) or Lock Out Button (3) is malfunctioning.
 - The Rear (Push) Handle (1) does not smoothly return under spring force.
 - Any other damage which affects the safety or operation is evident.
4. Maintain the JAWSAW® with care and have any damage or malfunction repaired by an authorized service center:
 - Never expose the JAWSAW® to rain.
 - Keep Saw Chain sharp, clean, and lubricated for better and safer performance.
 - Follow steps outlined in this manual to sharpen Saw Chain.
 - Keep handles clean and free from oil.
 - Keep all screws and nuts tight.
5. When servicing, use only identical replacement parts.
6. When not in use, always store JAWSAW®
 - In a high or locked place, out of children's reach.
 - In a dry place.

REPLACING SAW CHAIN/CHAIN BAR

Replace the Saw Chain when cutters are too worn to sharpen or when chain breaks. Only use replacement chain noted in this manual. Always include new drive Sprocket (16) when

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replacing the Saw Chain. This will maintain proper driving of chain. Inspect Guide Bar (7) before sharpening chain. A worn or damaged guide bar is unsafe. A worn or damaged Guide Bar is unsafe, will damage the Saw Chain, and will make cutting harder. For Replacing the Guide Bar please refer to **CHANGING THE GUIDE BAR AND CHAIN** section in the Adjustment and Assembly Instructions.

SHARPENING SAW CHAIN



WARNING:

- **Remove the battery pack from the saw before servicing.**
- **Cutting edges on chain are sharp. Use protective gloves when handling chain.**

Keep Saw Chain sharp. Your saw will cut faster and more safely. A dull Saw Chain will cause undue Sprocket (16), Guide Bar (7), Saw Chain, and motor wear. If you must force the Saw Chain into wood and cutting creates only sawdust with few large chips, then the Saw Chain is dull.

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LUBRICATING THE CHAINWHEEL

NOTE: It is not necessary to remove the chain or bar when lubricating the chainwheel.

1. Clean the Guide Bar and chainwheel.
2. Using a grease gun, insert the tip of the gun into the lubrication hole (h) and inject grease until it appears at the outside edge of the chainwheel tip (See Fig.Y).
3. You may need to rotate the chainwheel (i) in order to grease all areas of the wheel. To do this, pull the Saw Chain by hand to rotate the chainwheel and align the parts of the wheel that needs to be greased with the lubrication hole (See Fig.Y).

CLEANING

Regularly open the Chain Access Cover (9) and remove any debris that has become trapped.

Regularly clean the ventilation slots with a clean, dry paint brush.

To clean the tool, use only mild soap and a damp cloth. Never let any liquid get inside

the tool and never immerse any part of the tool into liquid.

TRANSPORTING

Always transport the tool with the Guide Bar (7) and Saw Chain (8) inside the protection guard.

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TROUBLESHOOTING

If your saw does not operate correctly check the following:

| PROBLEMS | POSSIBLE CAUSES | POSSIBLE SOLUTION |
|-----------------------------|---|--|
| Tool will not start. | Out of battery. | Charge the battery pack. |
| Bar/chain overheated. | Chain too tight. | Refer to ADJUSTING THE CHAIN TENSION section. |
| | Lubrication needed. | Refer to LUBRICATION section. |
| Chain is loose. | Chain tension set incorrectly. | Refer to ADJUSTING THE CHAIN TENSION section. |
| Poor cut quality. | Chain tension set incorrectly. | Refer to ADJUSTING THE CHAIN TENSION section. NOTE: Excessive tension leads to excessive wear and reduction in life of bar & chain. |
| | Chain needs replacement. | Refer to sections for CHANGING THE GUIDE BAR AND CHAIN. |
| Unit runs but does not cut. | Chain installed backwards. See Fig H and illustration. | Refer to CHANGING THE GUIDE BAR AND CHAIN section. |

ENVIRONMENTAL PROTECTION



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.

DECLARATION OF CONFORMITY

We,
Positec PowerTools (Europe) Ltd
PO Box 6242, Newbury, RG14 9LT, UK

Declare that the product,
Description **Battery-powered Jaw Saw**
Type **WG329E WG329E.5 WG329E.9 (3-designation of machinery, representative of Jaw Saw)**
Function **Cutting wood**

Complies with the following Directives,
2006/42/EC, 2014/30/EU, 2011/65/EU&(EU)2015/863, 2000/14/EC amended by 2005/88/EC

The notified body involved
Name: Intertek Testing & Certification Limited (Notified body 0359)
Address: Intertek House, Cleeve Road, Leatherhead, Surrey, KT22 7SB
Certification No.: ITS11MC7455

2000/14/EC amended by 2005/88/EC:
- Conformity Assessment Procedure as per **Annex V**
- Measured Sound Power Level **82dB(A)**
- Declared Guaranteed Sound Power Level **85dB(A)**

Standards conform to:
EN 60745-1
Parts of EN 60745-2-13
EN 55014-1
EN 55014-2
EN ISO 3744

The person authorized to compile the technical file,
Name Jim Kirkwood
Address Positec Power Tools (Europe) Ltd PO Box 6242, Newbury, RG14 9LT, UK



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