

ozito

TELESCOPIC POLE PRUNER

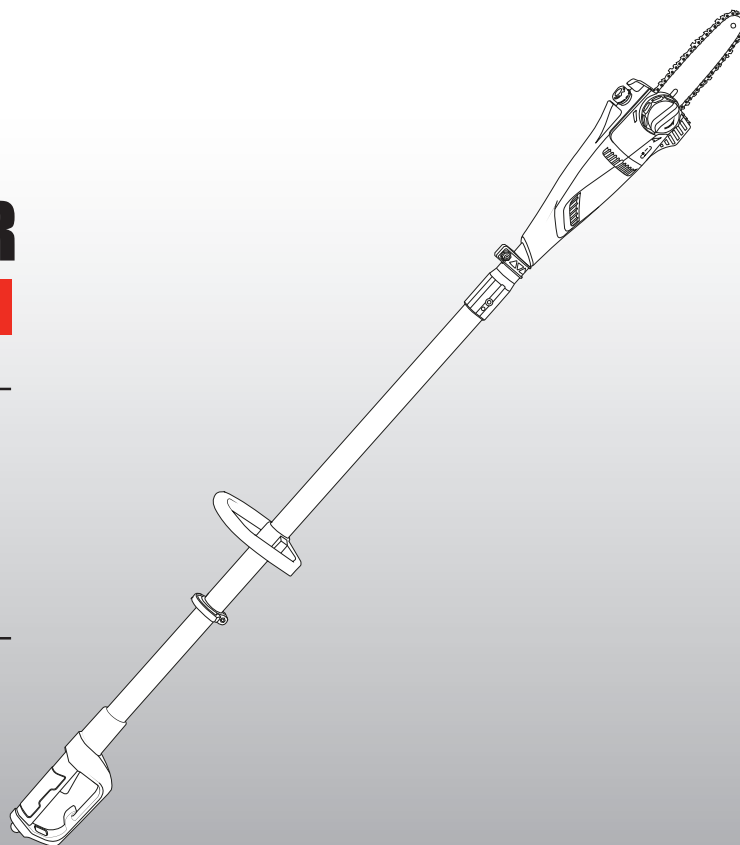
750W 200MM (8")

INSTRUCTION MANUAL

SPECIFICATIONS

Power:	750W
Chain Speed:	11 meters /second
No Load Speed:	6,000/min
Max Cutting Width:	180mm
Guide Bar Length:	200mm (8")
Oil Tank Capacity:	60ml
Telescopic Range:	1.85 – 2.80m
Weight:	3.82kg

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WHAT'S IN THE BOX



Telescopic Pole Pruner



Chain



Guide Bar



Guide Bar Cover



Shoulder Strap



Additional Handle

3 YEAR REPLACEMENT WARRANTY

EPP-750

WARRANTY

IN ORDER TO MAKE A CLAIM UNDER THIS WARRANTY YOU MUST RETURN THE PRODUCT TO YOUR NEAREST BUNNINGS WAREHOUSE WITH YOUR BUNNINGS REGISTER RECEIPT. PRIOR TO RETURNING YOUR PRODUCT FOR WARRANTY PLEASE TELEPHONE OUR CUSTOMER SERVICE HELPLINE:

Australia 1800 069 486

New Zealand 0508 069 486

TO ENSURE A SPEEDY RESPONSE PLEASE HAVE THE MODEL NUMBER AND DATE OF PURCHASE AVAILABLE. A CUSTOMER SERVICE REPRESENTATIVE WILL TAKE YOUR CALL AND ANSWER ANY QUESTIONS YOU MAY HAVE RELATING TO THE WARRANTY POLICY OR PROCEDURE.

The benefits provided under this warranty are in addition to other rights and remedies which are available to you at law.

Our goods come with guarantees that cannot be excluded at law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Generally you will be responsible for all costs associated with a claim under this warranty, however, where you have suffered any additional direct loss as a result of a defective product you may be able to claim such expenses by contacting our customer service helpline above.

3 YEAR REPLACEMENT WARRANTY

Your product is guaranteed for a period of **36 months from the original date of purchase** and is intended for DIY (Do It Yourself) use only. If a product is defective it will be replaced in accordance with the terms of this warranty. Warranty excludes consumable parts, for example: guide bar, chain and included accessories.

WARNING

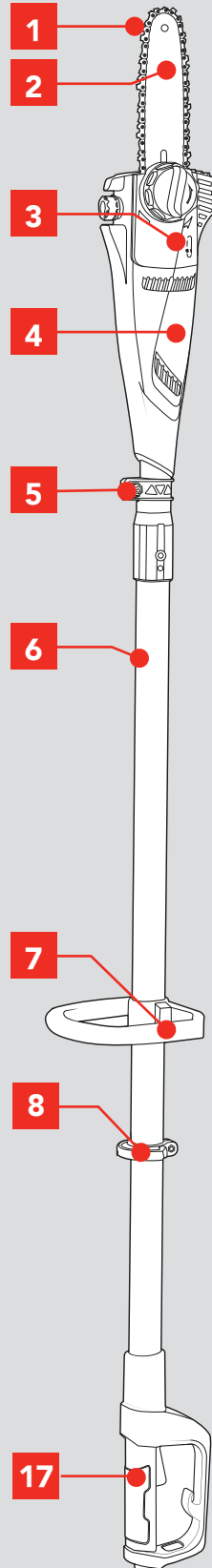
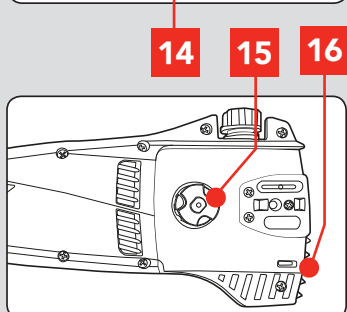
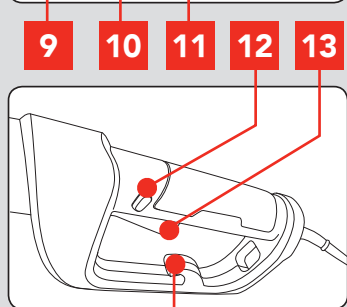
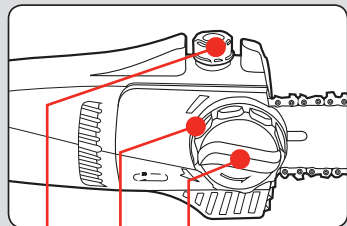
The following actions will result in the warranty being void.

- If the tool has been operated on a supply voltage other than that specified on the tool.
- If the tool shows signs of damage or defects caused by or resulting from abuse, accidents or alterations.
- Failure to perform maintenance as set out within the instruction manual.
- If the tool is disassembled or tampered with in any way.

KNOW YOUR PRODUCT

TELESCOPIC POLE PRUNER

1. Chain
2. Guide bar
3. Chain sprocket cover
4. Motor housing
5. Telescopic shaft lock
6. Main shaft
7. Additional handle
8. Shoulder strap attachment
9. Oil tank cap
10. Chain tension dial
11. Chain cover lock
12. Switch lock
13. On/off trigger switch
14. Cord retainer
15. Chain sprocket
16. Bucking spikes
17. Rear handle



ONLINE MANUAL

Scan this QR Code with your mobile device to take you to the online manual.



SETUP & PREPARATION

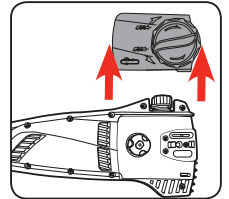
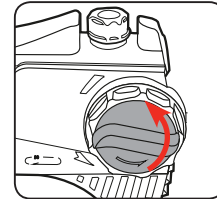
1. CHAIN & BAR



WARNING!: ENSURE THE TOOL IS DISCONNECTED FROM THE POWER SUPPLY BEFORE ASSEMBLY.

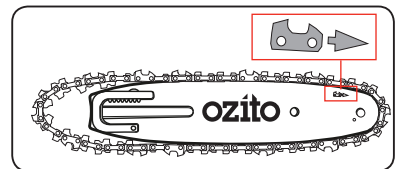
Fitting the guide bar and chain

1. Loosen the chain cover lock and remove the chain sprocket cover.



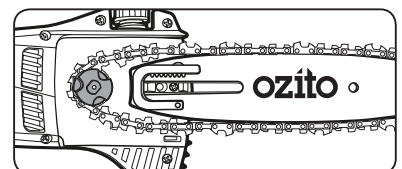
CAUTION!: THE CHAIN HAS SHARP EDGES. FOR YOUR OWN SAFETY, PLEASE USE WORK GLOVES.

2. Place the chain in the groove of the guide bar as shown. Refer to the image printed on the guide bar that indicates the direction that the chain should face.

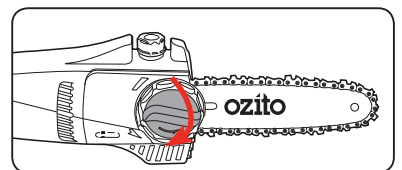


IMPORTANT!: IF THE CHAIN IS INSTALLED BACKWARDS (CHAIN CUTTERS ARE FACING IN THE OPPOSITE DIRECTION OF ROTATION) THE POLE PRUNER WILL VIBRATE EXCESSIVELY AND NOT CUT.

3. Place the guide bar and chain onto the mount, ensuring that the chain sits around the chain sprocket.



4. Re-mount and finger-tighten the side cover with the chain cover lock.



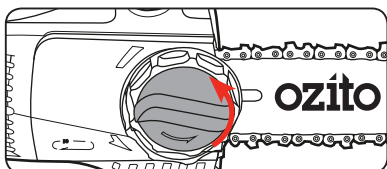
NOTE: Only tighten the chain cover locking knob securely once the chain tension has been adjusted (see: **Tensioning the chain**).

3 YEAR REPLACEMENT WARRANTY

2. TENSIONING THE CHAIN

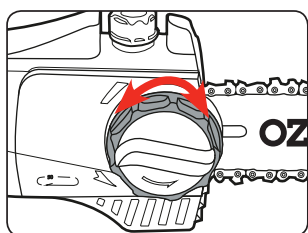
CAUTION!: THE CHAIN HAS SHARP EDGES. FOR YOUR OWN SAFETY, PLEASE USE WORK GLOVES.

1. Loosen the chain cover lock. Do not remove the side cover.

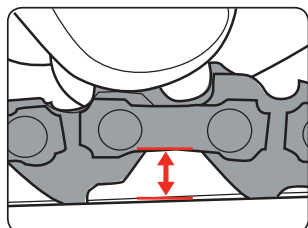


CAUTION!: IF YOU TRY TO ROTATE THE CHAIN TENSIONING ADJUSTMENT DIAL WHILST THE CHAIN COVER LOCK IS TIGHT, IT WILL RESULT IN THE CHAIN NOT LOOSENING AND POSSIBLE DAMAGE TO THE MECHANISM.

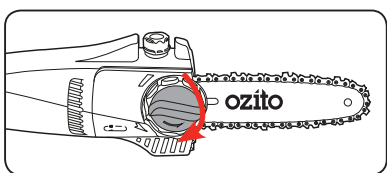
2. Adjust the chain tension with the chain tensioning dial. Turning the dial **CLOCKWISE** increases the chain tension, turning it **COUNTER-CLOCKWISE** decreases the chain tension.



3. For the correct chain tension, firmly pull up on the chain at the middle of the top of the exposed guide bar. When the chain is pulled up to its highest point, the bottom tip of the links should only just stay in the track [middle of the guide bar]



4. After the chain has been accurately tensioned, lock the guide bar in place with the chain cover lock.



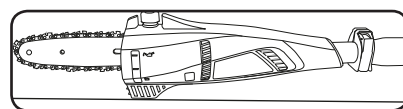
5. Check the tension again after a few minutes of cutting and several times in the first hour because the chain will lengthen as it breaks in. Adjust as you go. A loose chain causes rapid wear to both the chain and the guide bar and could derail causing a major safety hazard.

NOTE: Proper tension of the chain is extremely important and must be checked before starting, as well as during any cutting operation. Taking the time to make adjustments to the chain will result in improved cutting performance and prolonged chain life.

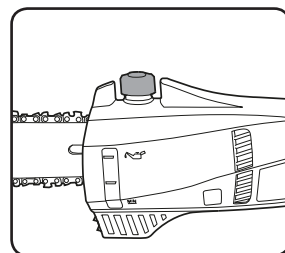
3. SAW CHAIN LUBRICATION

WARNING! NEVER START WORK UNLESS THE CHAIN AND BAR ARE LUBRICATED.

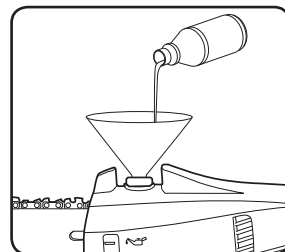
1. Place the telescopic pole pruner on a level surface.



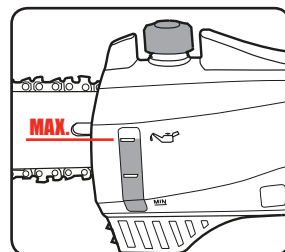
2. Clean the area around the oil tank cap and then open it.



3. Fill the oil tank with **BAR AND CHAIN OIL** (not supplied) to maximum fill line. Do not overfill in doing so, make sure that no dirt gets into the oil tank. This will ensure that the oil nozzle does not clog.

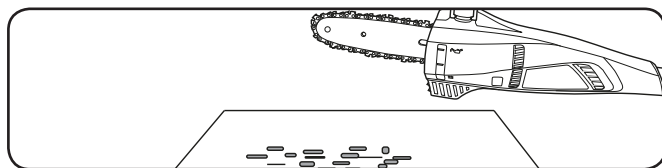


4. Close the oil tank cap.



WARNING! THE USE OF THE POLE PRUNER WITHOUT BAR AND CHAIN OIL OR WITH AN OIL LEVEL BELOW THE MINIMUM OIL LEVEL MARK WILL RESULT IN DAMAGE TO THE CHAIN!

5. To check the lubricating system, switch on the pole pruner and hold it with the guide bar and chain above some light coloured paper such as newspaper. A steadily increasing stain caused by oil spray shows the lubricating system is working.

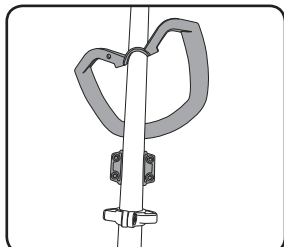


NOTE: Guide bar oil may leak if the tool is left for long periods. This is normal. If the tool is to be left unused for an extended time, drain the oil from the tool. Refill before use.

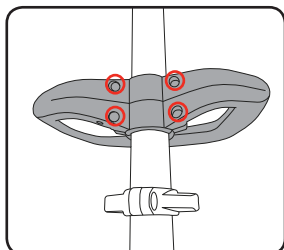
4. HANDLE & CORD RETAINER

Fitting the additional handle

1. Remove the 4 screws from the additional handle, then separate the two halves.
2. Slide the handle loop over the rear handle past the shoulder strap attachment. Place the handle bracket on the main shaft as shown.



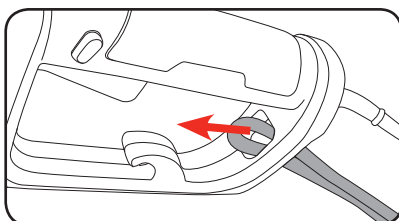
3. Screw the handle loop to the handle bracket from underneath with the 4 screws provided.



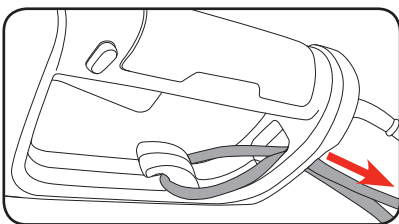
Extension cord retainer

The cord retainer is used to “anchor” an extension cord (not included) when it is connected to the power lead of the tool. It prevents the extension cord from being accidentally disconnected from the tool power lead or shaken loose during use.

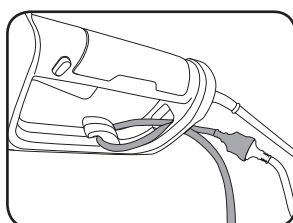
1. Make a loop with the extension cord (socket end of cord), push it through the hole and secure over the hook.



2. Pull the extension cord to secure it in position over the cord retainer.



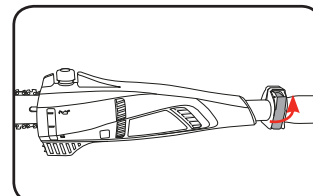
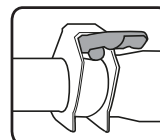
3. Connect the extension cord to the power lead. Route the power and extension cord away from the work area to prevent contact with the chain.



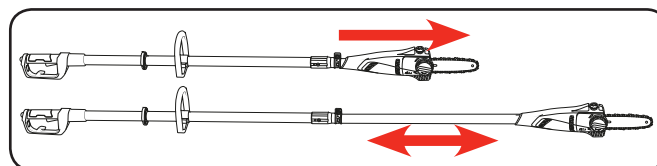
5. PREPARATION

Adjusting the telescope length

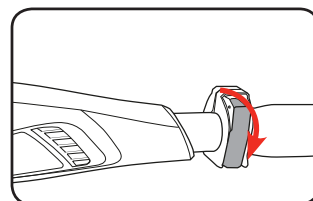
1. Unlock the telescopic shaft lock.



2. With the lock released, the telescope arm can be pulled forward out of the collar, thereby extending its reach. It can also be shortened by pulling it back into the collar.

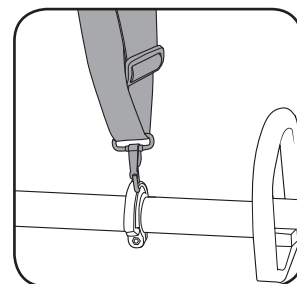
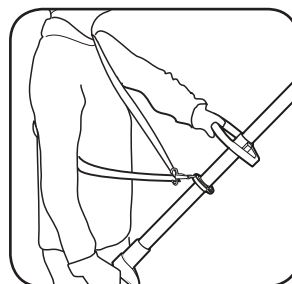


3. Close the telescopic shaft lock.



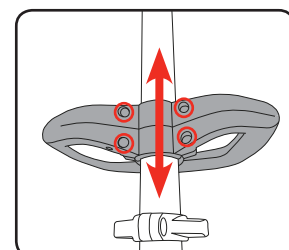
Attaching the shoulder strap

1. Wear the shoulder strap so that it lies over the left shoulder.
2. Fasten the carabiner hook to the shaft bracket on the shaft.



Additional handle adjustment

1. Loosen the 4 screws on the underside of the handle. Slide the handle to the desired position.
2. Retighten to secure in place.



OPERATION

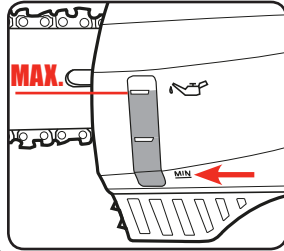
Before each use, check the following to ensure safe work:

Condition of the telescopic pole pruner

Before beginning work, inspect the pole pruner for damage to the housing, the electrical cable, the chain and the guide bar. Never use an obviously damaged machine.

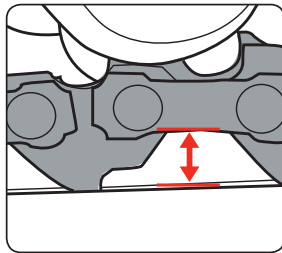
Oil tank

Check the fill level of the oil tank. Also check whether there is sufficient oil available while working. Never operate the pole pruner if there is no oil or the oil level has dropped below the minimum oil level mark in order to prevent damage to the pole pruner. On average, an oil filling is sufficient for 10 minutes of operation, depending on the duration of pauses and the stress.



Chain

Check the tension of the chain and condition of the cutters. The sharper the chain is, the easier and more manageable the pole pruner is to operate. The same applies for the chain tension. Check the chain tension at least once every 10 minutes while working in order to increase safety. New saw chains, in particular, tend to have a higher degree of elongation.



Protective clothing

Make absolutely sure to wear the appropriate, close fitting protective clothing, such as protective pants, gloves and safety shoes.

Wear hearing protection and protective goggles a safety helmet with a face guard will provide protection against falling and recoiling branches.

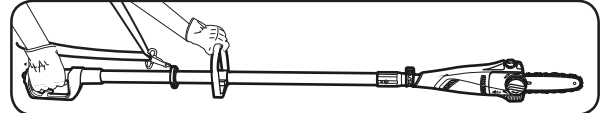
WARNING! FAMILIARISE YOURSELF WITH SURROUNDING HAZARDS SUCH AS POWER LINES, PHONE LINES, METAL FENCES AND OTHER OBJECTS THAT COULD BE IN YOUR PATH, FAILURE TO DO SO COULD RESULT IN ELECTRICAL SHOCK, PERSONAL INJURY OR DAMAGE TO YOUR POLE PRUNER.

6. SWITCHING ON AND OFF

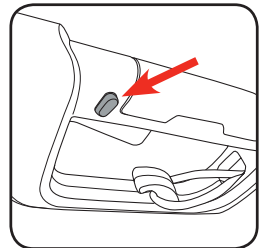
WARNING! TO REDUCE THE RISK OF ELECTRIC SHOCK, THE USE OF A RESIDUAL CURRENT DEVICE RATED AT 30mA OR LESS IS RECOMMENDED.

Switching on

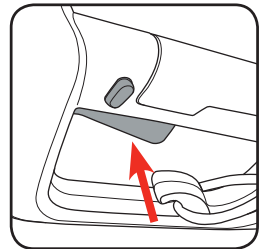
1. Hold the pruner firmly with both hands.



2. Press and hold the switch lock with your thumb.

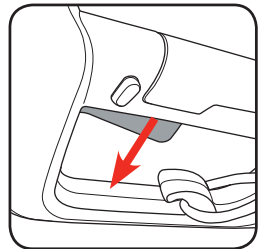


3. Switch the pruner on with the on/off trigger switch. The switch lock can now be released.



Switching off

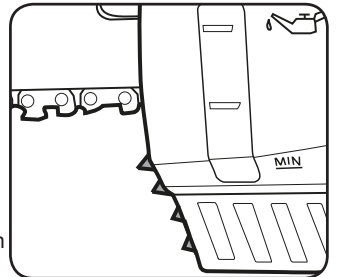
1. Release the on/off trigger switch. Always pull out the electrical plug when discontinuing the work.



Bucking spikes

The pole pruner has bucking spikes to assist with cutting and reduce the chance of kickback.

Keep the bucking spikes touching the wood you are cutting. Due to the rotation of the chain, it will pull the pruner into the wood. When the bucking spikes are touching the wood, it will help prevent any sudden jerking or kick-back.

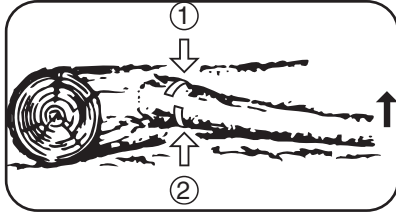


APPLICATIONS

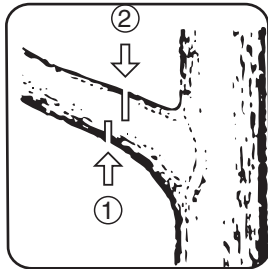
7. APPLICATIONS

Limbing

Limbing is the process of removing the branches from a fallen tree. Check the direction in which a branch will bend before cutting it. Always cut on the opposite side to the bending direction so that the guide bar is not pinched in the cut.



For large limbs that cannot be removed in one cut, make an initial cut from the bent side and finish by sawing from the opposite direction. Do not remove limbs that are supporting the fallen tree on the ground until the tree has been cut into lengths.



Pruning

Pruning is the removal of a limb or branch from a standing tree.

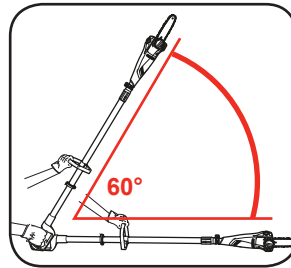
WARNING! IF THE CHAIN COMES IN CONTACT WITH A HARD OBJECT, VISUALLY INSPECT THE CHAIN & BAR FOR DAMAGE. IF THE CHAIN OR BAR IS DAMAGED, DO NOT CONTINUE TO OPERATE THE POLE PRUNER.

WARNING! NEVER USE THE POLE PRUNER WHEN STANDING ON A LADDER OR UNEVEN GROUND. DO NOT OVERREACH. ALWAYS USE BOTH HANDS TO HOLD THE POLE PRUNER.

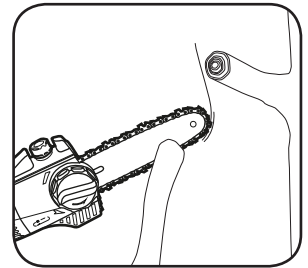
CAUTION! ALWAYS USE THE BUCKING SPIKES WHEN PERFORMING CUTS WITH THE POLE PRUNER TO AVOID KICKBACK (REFER TO OPERATION SECTION OF MANUAL)

CAUTION! ENSURE APPROPRIATE CARE IS TAKEN WHEN CUTTING ABOVE SHOULDER HEIGHT.

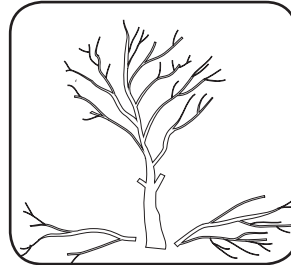
8. SAWING TECHNIQUES



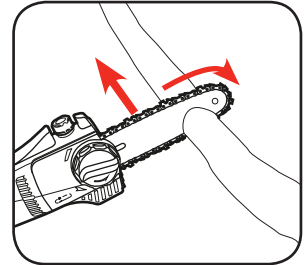
- When removing branches, hold the pruner at an angle ranging from a maximum 60° to horizontal in order to avoid being struck by a falling branch.



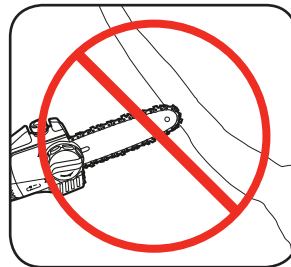
- At the end of the cut, the weight of the pruner suddenly increases for the user, because it is no longer supported on the branch. There is the risk of losing control of the pruner.



- Saw off the lower branches on the tree first. By doing so, it is easier for the cut branches to fall to the ground.



- Only pull the pruner out of the cut with the chain running. By doing so, you can prevent it from getting jammed.



- Do not saw with the tip of the guide bar. This could lead to kick back and possible injury.

MAINTENANCE

IMPORTANT! BEFORE CLEANING YOUR POLE PRUNER OR CARRYING OUT ANY MAINTENANCE PROCEDURE, MAKE SURE THAT THE MOTOR IS OFF AND THE TOOL DISCONNECTED FROM THE POWER SUPPLY TO PREVENT ACCIDENTAL STARTING.

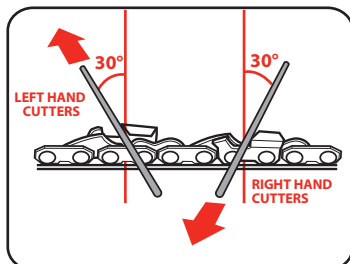
Chain sharpening

Sharpen the chain regularly to maintain optimum performance of the pole pruner.

Signs of a dull chain are:

- The sawdust becomes powder-like
- Extra force is required to execute a cut
- The cut does not track in a straight line
- Increased vibration

Sharpen each cutter using a chain file. Always use outward strokes and maintain a 30° angle between the chain and file. After sharpening, the cutters must all have the same width and length.



WARNING! WEAR HEAVY GLOVES WHEN HANDLING THE CHAIN. HOLD THE GUIDE BAR SECURELY IN A VICE.

Guide bar wear

Reverse the guide bar every 8 working hours to ensure uniform wear. Check the guide rails frequently and if necessary remove burrs and square up the rails using a flat file.

Cleaning and storage

- Regularly clean the tensioning mechanism by blowing compressed air onto or cleaning it with a brush. Do not use any tools for the cleaning.
- Keep oil away from the handle in order to ensure a secure hold.
- Clean the machine as necessary with a damp cloth and a mild cleanser, if appropriate.
- If the pole pruner is not used for an extended period of time, remove the chain and bar oil from the tank. Briefly place the chain and the guide bar in an oil bath and then wrap it in oil paper.
- Always replace the protective cover for transport or storage of the pole pruner.
- Pull out the electrical plug before cleaning.
- Never immerse the machine in water or other liquids.
- Store the pole pruner in a safe and dry place and out of the reach of children.

Note: The pole pruner warranty does not cover components that have been subjected to operator abuse or negligence. To receive full value from the warranty, the operator must maintain the pole pruner as instructed in this manual.

Ozito Industries will not be responsible for any damage or injuries caused by repair of the tool by an unauthorised person or mishandling or mistreatment of the tool. This tool is designed for Domestic Home Use only. Use in commercial or industrial environments will void the warranty.

DESCRIPTION OF SYMBOLS

V	Volts	Hz	Hertz
~	Alternating current	W	Watts
min⁻¹	Revolutions per minute	n_o	No load speed
	Double insulated		Regulator compliance mark
	Watch out for falling and catapulting parts		Warning
	Read instructions		Do not expose to rain or leave outdoors while raining
	Sound pressure level		Keep bystanders away
	Wear sturdy, non-slip footwear		Wear safety gloves
	Use eye, ear and head protection when operating the pruner		
	Disconnect and discontinue use should the power cord be damaged		
	Maintain a minimum clearance of 10 m from current-carrying lines. Life-threatening danger from electric shock.		

SPARE PARTS

Chain Replacement:

The chain can be purchased through Ozito spare parts or from your local Bunnings Warehouse. The correct chain can be purchased by matching the pitch, gauge and number of links as shown below:



9.53mm(3/8)



1.3mm(.050")



33 Links

Spare parts can be ordered from the Special Orders Desk at your local Bunnings Warehouse.

For further information, or any parts not listed here, visit www.ozito.com.au or contact Ozito customer service

Australia 1800 069 486

New Zealand 0508 069 486

E-mail: enquiries@ozito.com.au

CARING FOR THE ENVIRONMENT



Tools that are no longer usable should not be disposed of with household waste but in an environmentally friendly way. Please recycle where facilities exist. Check with your local council authority for recycling advice.



Recycling packaging reduces the need for landfill and raw materials. Reuse of recycled material decreases pollution in the environment. Please recycle packaging where facilities exist. Check with your local council authority for recycling advice.

ELECTRICAL SAFETY



WARNING! When using mains-powered tools, basic safety precautions, including the following, should always be followed to reduce risk of fire, electric shock, personal injury and material damage.

Read the whole manual carefully and make sure you know how to switch the tool off in an emergency, before operating the tool.

Save these instructions and other documents supplied with this tool for future reference.

The electric motor has been designed for 230V and 240V only. Always check that the power supply corresponds to the voltage on the rating plate.

Note: The supply of 230V and 240V on Ozito tools are interchangeable for Australia and New Zealand.



This tool is double insulated therefore no earth wire is required.

If the supply cord is damaged, it must be replaced by an electrician or a power tool repairer in order to avoid a hazard.

Note: Double insulation does not take the place of normal safety precautions when operating this tool. The insulation system is for added protection against injury resulting from a possible electrical insulation failure within the tool.

Using an Extension Lead

Always use an approved extension lead suitable for the power input of this tool. Before use, inspect the extension lead for signs of damage, wear and ageing. Replace the extension lead if damaged or defective.

When using an extension lead on a reel, always unwind the lead completely. Use of an extension lead not suitable for the power input of the tool or which is damaged or defective may result in a risk of fire and electric shock.

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. SAVE THESE INSTRUCTIONS.**

1. 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 and bystanders away while operating a power tool.** Distractions can cause you to lose control.

2. Electrical safety

- Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- 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 power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- 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.
- 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.
- 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

- 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, non-skid 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.
- ## 4. 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 tool's 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, 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. Service
- 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.
 - If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.**

ADDITIONAL SAFETY INSTRUCTIONS FOR POLE PRUNERS

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

Young children should be supervised to ensure that they do not play with the appliance.

Recommendations for the use of a residual current device with a rated residual current of 30mA or less.

- Keep all parts of the body away from the saw chain when the chain saw is operating. Before you start the chain saw, make sure the saw chain is not contacting anything.** A moment of inattention while operating chain saws may cause entanglement of your clothing or body with the saw chain.
- Always hold the chain saw with your right hand on the rear handle and your left hand on the front handle.** Holding the chain saw with a reversed hand configuration increases the risk of personal injury and should never be done.
- 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 chain saw in a tree.** Operation of a chain saw while up in a tree may result in personal injury.
- Always keep proper footing and operate the chain 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 chain saw.
- 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 chain saw 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 chain saw by the front handle with the chain saw switched off and away from your body. When transporting or storing the chain saw always fit the guide bar cover.** Proper handling of the chain saw 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 chain saw for purposes not intended. For example: do not use chain saw for cutting plastic, masonry or non-wood building materials.** Use of the chain saw for operations different than intended could result in a hazardous

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 saw which could result in serious personal injury. Do not rely exclusively upon the safety devices built into your saw. As a chain saw 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 chain saw handles, with both hands on the saw 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 chain saw.
- Do not overreach and do not cut above shoulder height. This helps prevent unintended tip contact and enables better control of the chain saw 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.

Push Back

Push back will occur if an attempt is made to saw with the top of the guide bar, if the chain touches against a rigid object and jams in the cut.

Pull Forward

If the bucking spikes are not set against the timber, the chain at the bottom of the guide bar will pull the saw forward; this can jam the chain in the timber.

To avoid this always have the bucking spikes set against the timber when performing a cut.