

Kress

Commercial



SAFETY AND OPERATING MANUAL

Pole Saw attachment

KAC361

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INTRODUCTION

Dear Customer,

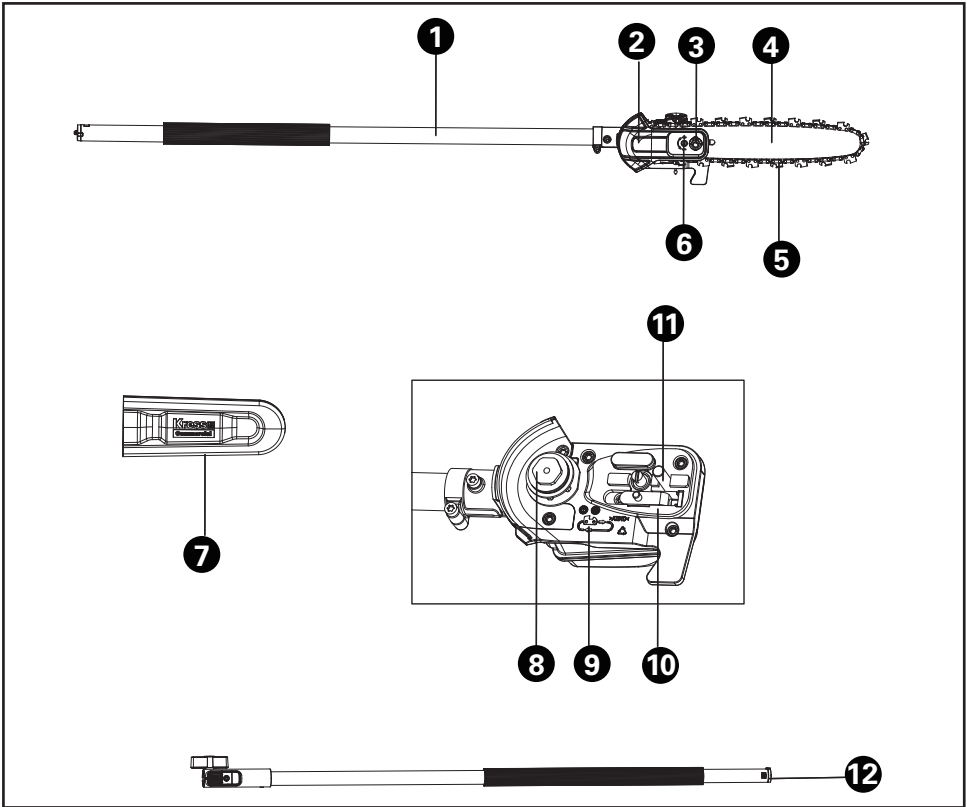
Thank you for buying this Kress Commercial product. We are dedicated to developing high quality products to meet your commercial landscaping requirements.

The Kress brand is synonymous with premium quality service. Over the years of your product's life, if you have any questions or concerns about your product, please contact your dealer or our Customer Service Team for assistance.

We are confident you will enjoy working with your Kress product for years to come.

INTENDED USE

In conjunction with KAC104 - Power Head, this pole saw is designed for pruning and trimming branches beyond arms reach. All cuts should be across the grain. This product is intended for cutting wood only.



EN

COMPONENT LIST

- | | |
|-----|------------------------|
| 1. | SHAFT |
| 2. | DRIVE COVER |
| 3. | HEX NUT |
| 4. | GUIDE BAR |
| 5. | CHAIN |
| 6. | CHAIN TENSIONING SCREW |
| 7. | PROTECTIVE SCABBARD |
| 8. | DRIVE SPROCKET |
| 9. | CHAIN DIRECTION SYMBOL |
| 10. | BAR PAD |
| 11. | BAR LOCATING STUD |
| 12. | EXTENSION SHAFT * |

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

ORIGINAL INSTRUCTION PRODUCT SAFETY GENERAL POWER TOOL SAFETY WARNINGS



WARNING Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below 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 operate the machine in rain or wet conditions.** This may increase the risk of electric shock. Once got wet in the rain during operation, the machine and the battery should be dried before storing or charging. Remove the battery and reinsert it if the machine fails to turn on. Keep battery connection free of dirt and debris, and clean with a soft and dry brush or cloth.
- 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.
 - h) **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.
- ## 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.
- h) **Keep handles and grasping surfaces dry, clean and free from oil and grease.** Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

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.
- e) **Do not use a battery pack or tool that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
- f) **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperature above 130 °C may cause explosion.
- g) **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.** Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

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.
- b) **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorized service providers.

POLE SAW SAFETY WARNINGS

- 1. **Keep the pole saw a sufficient distance away from overhead electrical power lines.**
- 2. **Be aware of the dangerous of operating positions, as well as the risk of being struck by falling branches or branches that, having hit the ground, rebound, the operator may be struck by falling branches or by those that rebound after hitting the ground. Remove the branches in sections.**

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) **Keep battery pack clean and dry.**
- g) **Wipe the battery pack terminals with a clean dry cloth if they become dirty.**
- h) **Battery pack needs to be charged before use. Always refer to this instruction and use the correct charging procedure.**
- i) **Do not maintain battery pack on charge when not in use.**
- j) **After extended periods of storage, it may be necessary to charge and discharge the battery pack several times to obtain maximum performance.**
- k) **Recharge only with the charger specified by Kress. Do not use any charger other than that specifically provided for use with the equipment.**
- l) **Do not use any battery pack which is not designed for use with the equipment.**
- m) **Keep battery pack out of the reach of children.**
- n) **Retain the original product literature for future reference.**
- o) **Remove the battery from the equipment when not in use.**
- p) **Dispose of properly.**

- q) Do not use battery packs of different manufacture, size or type.
- r) Keep the battery away from microwaves and high pressure.
- s) **Warning! Do not use non-rechargeable batteries.**

SAVE THESE INSTRUCTIONS


SYMBOLS

	To reduce the risk of injury, user must read instruction manual
	WARNING
	Wear ear protection
	Wear eye protection
	Wear dust mask
	Wear head protection
	Protective gloves
	Protective footwear
	Keep sufficient distance away from electrical power lines


	Li-Ion battery. This product has been marked with a symbol relating to 'separate collection' for all battery packs and battery pack. It will then be recycled or dismantled in order to reduce the impact on the environment. Battery packs can be hazardous for the environment and for human health since they contain hazardous substances.
	
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	Do not burn
	Batteries may enter water cycle if disposed improperly, which can be hazardous for ecosystem. Do not dispose of waste batteries as unsorted municipal waste.
	Unlock
	Lock
	RCM marking

ABN: Australian Business Number. By this number, business information such as entity type, status, business location etc. can be found at website <http://abr.business.gov.au>.
 ABN of Positech Australia Pty Limited is 14 101 682 357

ASSEMBLY & OPERATION

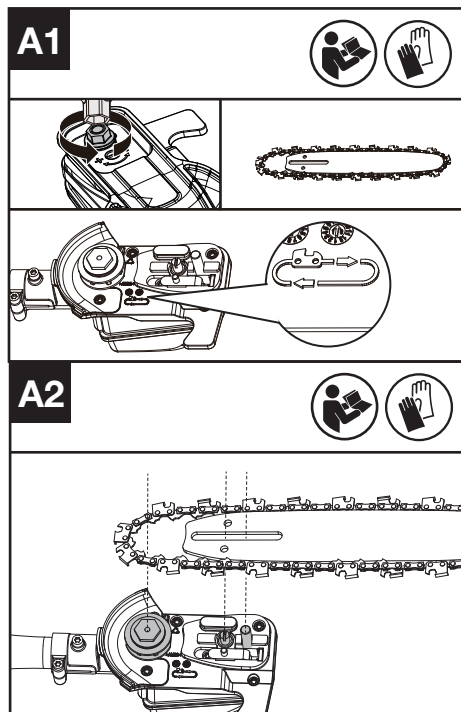
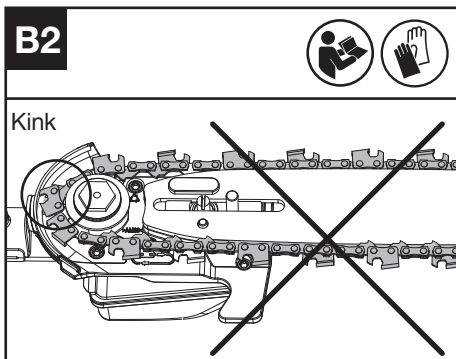
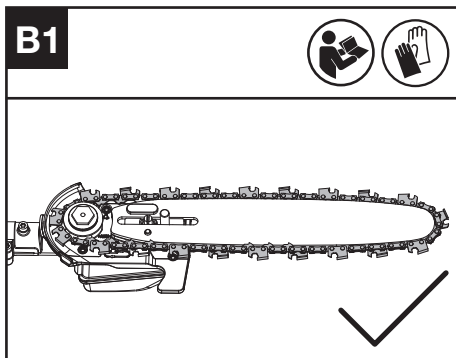
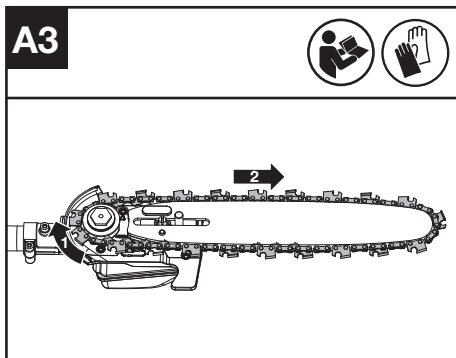
 **NOTE:** Before using the tool, read the instruction book carefully.


ASSEMBLY

 **WARNING!** Do not install the battery pack before it has been completely assembled. Always use gloves when handling the chain.

CHAIN AND GUIDE BAR ASSEMBLY

1. Loosen the hex nut to remove the drive cover. Slide the chain in the slot around the guide bar. Ensure the chain is in correct running direction. (See Fig. A1)
2. Fit the chain onto the drive sprocket, so that the bar locating stud on the bar pad fits into the keyway of the opening on the guide bar. (See Fig. A2, A3)
3. Assure all parts are seated properly. Make sure the drive links are fully seated in the drive sprocket (See Fig. B1), avoiding a kink as shown in Fig. B2. If kink occurs, pick up on the chain at the guide bar just ahead of the kink and then pull the kink out.
NOTE: Chain should rotate freely but requires a level of force to rotate the chain
4. Fit the drive cover and tighten the hex nut.



 **WARNING:** The chain is not yet tensioned. Tensioning the chain applies as described under "TENSIONING CHAIN". The chain now needs to be inspected to make sure it is properly tensioned.

TENSIONING CHAIN (SEE FIG. C, D)

NOTE: New saw chains will seat to the bar when first used. Check the chain tension frequently when first used and tighten when the chain becomes loose around the guide bar.

- Removing the battery pack before adjusting saw

chain tension.

- Cutting edges on chain are sharp. Use protective gloves when handling chain.
- Maintain proper chain tension always. A loose chain may jump out of guide bar groove. This may injure operator and damage chain. A loose chain will cause the chain, bar, and sprocket to wear rapidly.

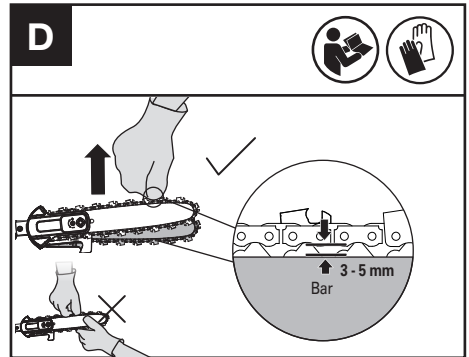
1. Place the pole saw on any suitable flat surface and loosen the hex nut.
2. Turn the chain tensioning screw clockwise until it is tight. (See Fig. C)

NOTE: The tension is automatically increased while the chain tensioning screw is being turned in a clockwise direction. Then tighten the hex nut securely.

3. Check the tension set by the chain tensioning screw. The correct chain tension is reached when the chain can be raised approx. Half the driveline depth from the guide bar in the center. This should be done by using a gloved hand to raise the chain against the weight of the machine. (See Fig. D) Then fully tighten the hex nut.

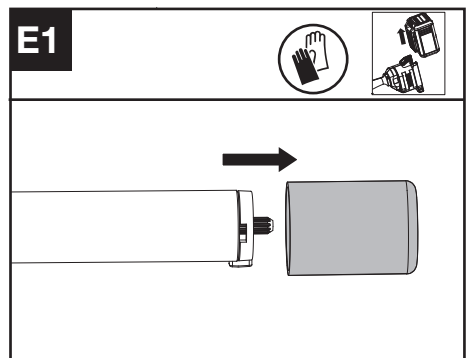
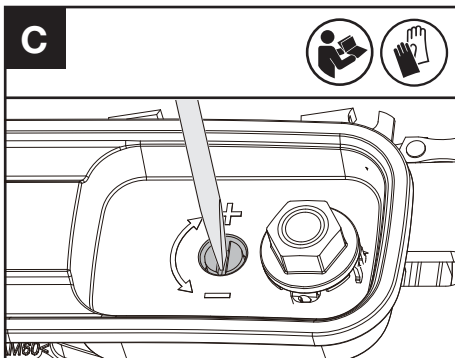
NOTE: The chain is properly tensioned when it can be lifted off of the guide bar and the driveline is within the rail of the guide bar.

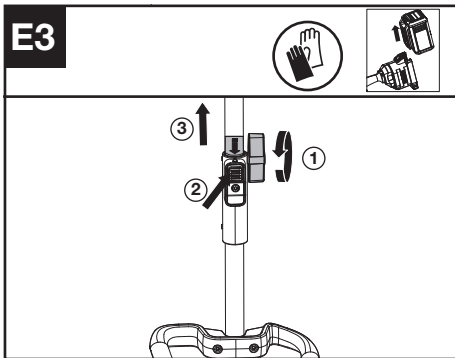
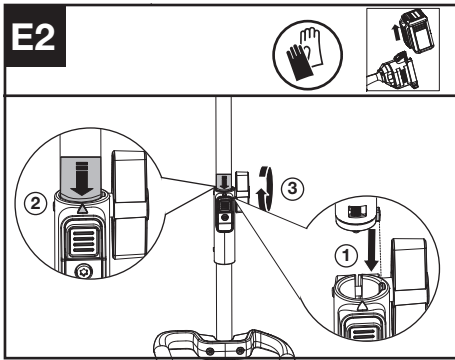
NOTE: The chain will loosen while cutting and lose proper tension. When the chain becomes loose, loosen the hex nut, retighten the chain tensioning screw then retighten the hex nut to properly reset the chain tension following steps 1 through 3 listed previously.



Assembling and disassembling the power head (See Fig. E1, E2, E3)

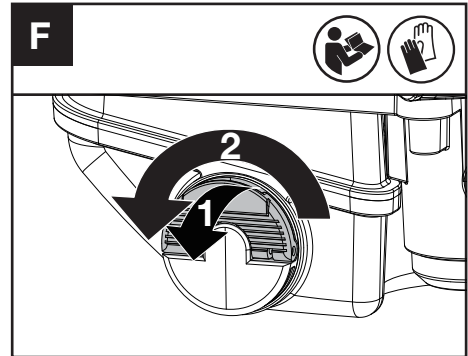
1. Remove the protective cap from the end of the attachment shaft.
2. To assemble, align the triangle icon on the button with the arrow label on the attachment shaft.
3. Push the shafts together until you hear a "click". The edge of the arrow label should be close to the shaft connection housing. (Note: If the pole saw working head cannot be fully installed into the power head, rotate the pole saw working head a little until it is possible to insert the shaft fully.)
4. Finish the assembly by tightening the knob clockwise.
5. To disassemble, loosen the knob, turn counter clockwise, then press the release button and pull the shafts apart. Replace the protective cap on the attachment shaft to ensure that dust and debris do not get into the shaft.





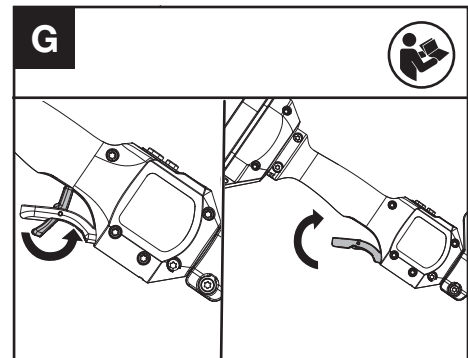
- Avoid dirt or debris entering oil tank, refit oil fill cap and tighten by turning clockwise until hand tight.

! It is important to use bar and chain lubricant (not automotive oil) that is formulated to perform over a wide temperature range with no dilution required. This can be found at the location where you purchased this saw or your local hardware store. Do not use dirty, used or otherwise contaminated oils. Damage may occur to the bar or chain. Use of non approved bar & chain oil will void the warranty. Keep bar oil out of reach of children. If swallowed, call a physician immediately. Store away from heat or open flame.



OPERATION

Starting the pole saw



- Push the Safety Lock Off Lever forward first, then squeeze and hold the throttle trigger to start the machine

NOTE: More details can be found in the power head manual.

Assembly and disassembly information for the extension shaft, please refer to pictures E1, E2, and E3.

LUBRICATION (SEE FIG. F)

! **IMPORTANT:** The pole saw is not filled with bar & chain oil. It is essential to fill with bar & chain oil before use. Never operate the pole saw without bar & chain oil or allow the tank to become empty, as this will result in extensive damage to the product.

NOTE: Chain life and cutting capacity depend on optimum lubrication. Therefore, the chain is automatically oiled during operation.

FILLING OIL TANK:

! **WARNING:** Remove the battery pack before filling the oil tank.

- Set pole saw on any suitable surface with oil fill cap facing upward.
- Clean area around the oil fill cap with cloth and unscrew the cap by turning it counter clockwise.
- Add bar & chain oil until tank is almost completely full.

CUTTING

! **IMPORTANT: Check oil tank periodically. Check recent replaced chain tension every time you replace the battery pack.**

- (1) Installing the battery pack into the machine.
- (2) Do not allow the chain to come in contact with ground while operating as this will dull the chain.
- (3) Use both hands to grip saw.
- (4) Make sure your footing is firm. Keep feet-shoulder width apart. Distribute your weight evenly on both feet.
- (5) When ready to make a cut, follow the above starting procedures and speed selection. This will turn saw on. Releasing the trigger will turn the saw off. Make sure the saw is running at full speed before starting a cut.
- (6) When starting a cut, slowly place moving chain against the wood. The wood should be as close to the cutting head as possible. Hold saw firmly in place to avoid possible bouncing or skating (sideways movement) of saw.
- (7) Guide the saw using light pressure and do not put excessive force on the saw, letting the saw do its work. The motor will overload and can burn out. It will do the job better and safer at the rate for which it was intended.
- (8) Remove the saw from a cut with the saw running at full speed. Stop the saw. Make sure the chain has stopped before setting the saw down.
- (9) Practice on scrap logs in a secure working area until you are comfortable, using a fluid motion and a steady cutting rate.

KICKBACK SAFETY DEVICES ON THIS SAW

This saw has a low-kickback chain and reduced kickback guide bar. Both items reduce the chance of kickback. However, kickback can still occur with this pole saw.

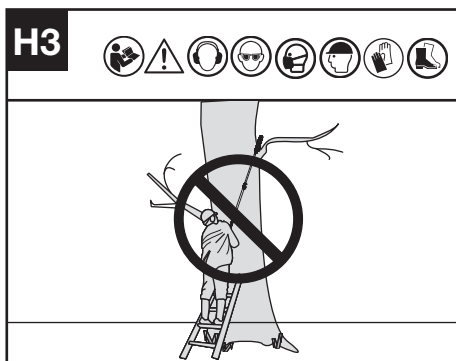
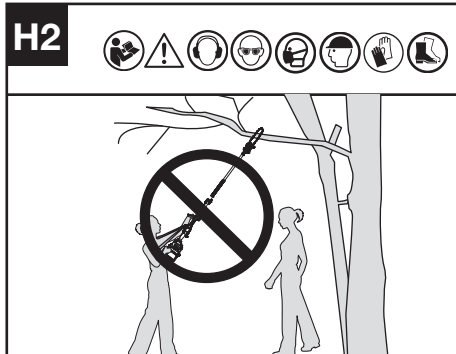
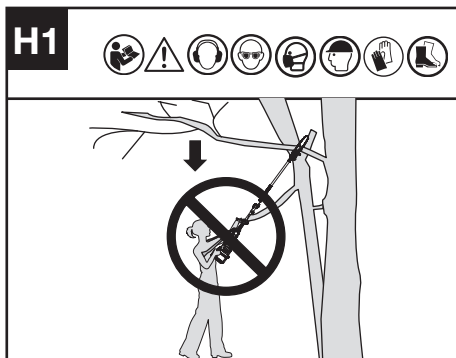
The following steps will reduce the risk of kickback.

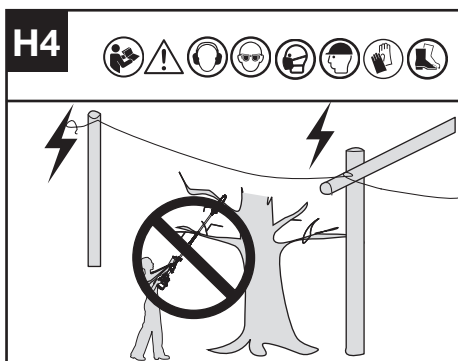
- Use both hands to grip saw while saw is running. Use firm grip.
- Keep all safety items in place on saw. Make sure they work properly.
- Keep solid footing and balance at all times.
- Stand slightly to the left side of saw. This keeps your body from being in direct line with chain.
- Do not let guide bar nose touch anything when chain is moving.
- Do not bury the guide bar nose or try plunge cut (boring into wood using guide bar nose).
- Watch for shifting of wood or other forces that may pinch chain.
- Use extreme caution when re-entering a previous cut.
- Use only the low-kickback chain and guide bar that were supplied with this pole saw or recommended.
- Never use a dull or loose chain. Keep chain sharp with proper tension.

CUTTING HIGH BRANCHES

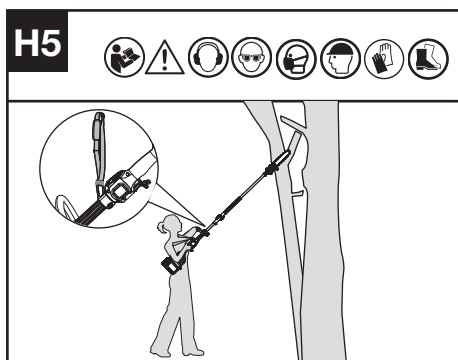
1. Install the battery pack into the machine.

2. Before cutting a high branch, pay particular attention to the likely path of the falling branch.
WARNING: Do not stand directly below a branch being cut. Keep bystanders far away. Do not stand on a ladder or other type of unstable support while using the tool. Do not use the tool near cable, electrical power or telephone lines. Keep 10 ft (3m) away from all power lines. (See Fig. H1-H4)





3. Use both hands to grip the pole saw and cut branches.



TRIMMING A TREE (PRUNING)

WARNING: Avoid kickback. Kickback can result in severe injury or death.

See Kickback, to avoid risk of kickback.

WARNING: Do not operate pole saw while

- in a tree
- on a ladder or any other unstable surface
- in any awkward position

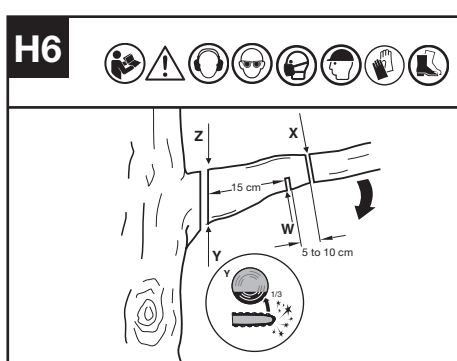
You may lose control of pole saw causing severe injury.

CAUTION: Seek professional help if facing conditions beyond your ability.

Trimming a tree is the process of cutting limbs from a living tree. Make sure your footing is firm. Keep feet apart. Divide your weight evenly on both feet.

Follow directions below to trim a tree.

1. Make the first cut a few inches (c) from the tree trunk on underside of limb. Use top of guide bar to make this cut. Cut 1/3 through diameter of limb (See Fig. H6).



2. Move a few inches (30% of c) farther up on limb. Make second cut from above limb. Continue cut until you cut limb off.
3. Make the third cut as close to the tree trunk as possible fully severing the remaining stub. Use bottom of guide bar to make this cut.

FOR BATTERY TOOLS

The recommended ambient temperature range for discharging is -4 °F-113 °F (-20 °C-45 °C).

The recommended ambient temperature range for the charging system during charging is 23 °F-113 °F (-5 °C-45 °C).

EN

TRANSPORTATION

Transporting the pole saw

1. Switch off the pole saw and remove the battery.
2. When transporting your pole saw by hand, hold the pole of the pole saw making sure the machine is parallel to the ground and the bar is facing rearward.
3. When transporting your pole saw in a vehicle, secure and position it to prevent movement or damage.

SAW MAINTENANCE

Follow the maintenance instructions in this manual. Proper cleaning and maintenance of saw, chain and guide bar can reduce chances of wear. Inspect and maintain saw after each use. This will increase the service life of your saw. If the saw gets wet in the rain during operation, the machine and the battery pack should be dried before storing or charging.

MAINTENANCE AND STORAGE OF POLE SAW

1. **Remove the battery pack**
 - When not in use

- Before moving from one place to another
- Before servicing
- Before changing accessories or attachments, such as saw chain and bar

2. Inspect pole saw before and after each use.

Check saw closely if the guard or other part has been damaged. Check for any damage that may affect operator safety or operation of saw. Check for alignment or binding of moving parts. Check for broken or damaged parts. Do not use pole saw if damage affects safety or operation. Have damage repaired by authorized service center.

3. Maintain pole saw with care.

- Keep chain sharp, clean, and lubricated for better and safer performance.
- Follow steps outlined in this manual to sharpen chain.
- Keep handles dry, clean, and free of oil and grease.
- Keep all screws and nuts tight.

4. When servicing, use only identical replacement parts.

5. When not in use, always store pole saw

- in a high or locked place, out of children's reach
- in a dry place
- with protective scabbard in position

BAR MAINTENANCE

To maximize bar life, the following bar maintenance is recommended.

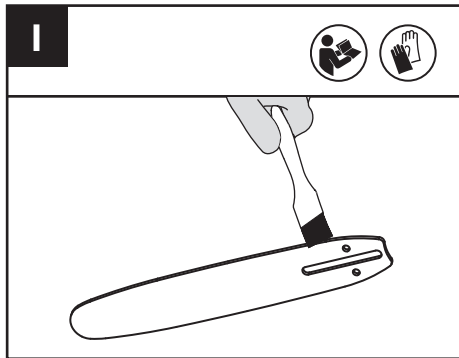
The bar rails that carry the chain should be cleaned before storing the tool or if the bar or chain appear to be dirty.

The rails should be cleaned every time the chain is removed.

Occasional de-burring of the bar rails may be necessary with a flat file

TO CLEAN THE BAR RAILS

1. Remove chain cover, bar and chain. (see section ASSEMBLY)
2. Using a wire brush, screwdriver or similar tool, clear the residue from the inner groove of the bar. (See Fig. I)
3. Make sure to clean oil passages thoroughly.



CONDITIONS WHICH REQUIRE CHAIN AND GUIDE BAR MAINTENANCE:

- Saw cuts to one side or at an angle.
- Saw has to be forced through the cut.
- Inadequate supply of oil to the bar and chain.

Check the condition of the guide bar each time the chain is sharpened. A worn guide bar will damage the chain and make cutting difficult.

After each use, remove the battery pack, clean all sawdust from the guide bar and sprocket hole.

When rail top is uneven, use a flat file to restore square edges by removing any burrs from the side or top of the bar.



Replace the guide bar when the groove is worn, the guide bar is bent or cracked, or when excess heating or burring of the rails occurs. If replacement is necessary, use only the guide bar specified for your saw in the repair parts list or on the decal located on the pole saw.

REPLACING BAR & CHAIN

Replace chain when cutters are too worn to sharpen or when the chain becomes inoperable. Only use replacement chain noted in this manual.

Inspect guide bar before sharpening chain. A worn or damaged guide bar is unsafe. A worn or damaged guide bar will damage chain. It will also make cutting harder.

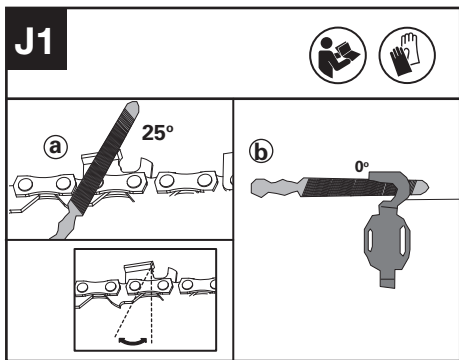
SHARPENING SAW CHAIN

WARNING: Remove the battery pack before servicing. Severe injury or death could occur from electrical shock or body contact with moving chain.

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

Keep chain sharp. Your saw will cut faster and more safely. A dull chain will cause undue sprocket, guide bar, chain, and motor wear. If you must force chain into wood and cutting creates only fine sawdust with few large chips, chain is dull.

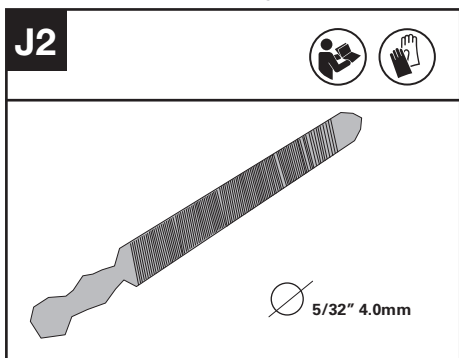
Before sharpening, please pay attention of the following steps:(See Fig. J1)



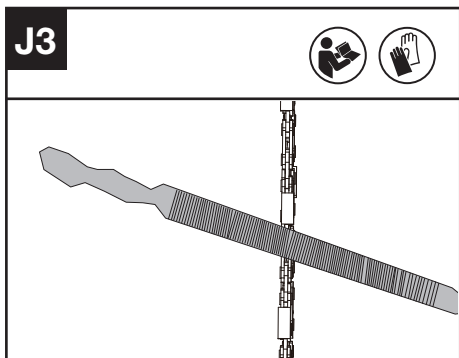
a: Filing angle; b: file position

How to sharpen the cutters

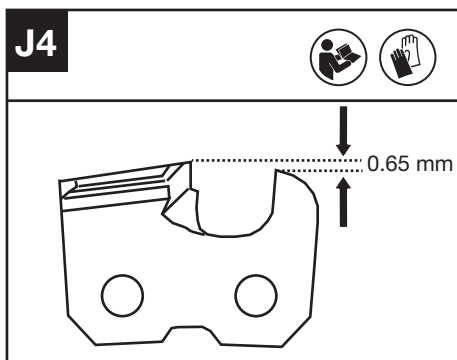
1. Prepare a round file to sharpen the cutters. (See Fig J2). **Note:** Firmly clamp the guide bar in a vice before sharpening the chain. Ensure that the chain is not "nipped" and can freely move on the guide bar. Check that the chain is properly tensioned. (See "Tensioning Chain" section)



2. Sharpen the cutters with file from the inner side of cutting teeth towards the outside of the chain. (See Fig. J3)



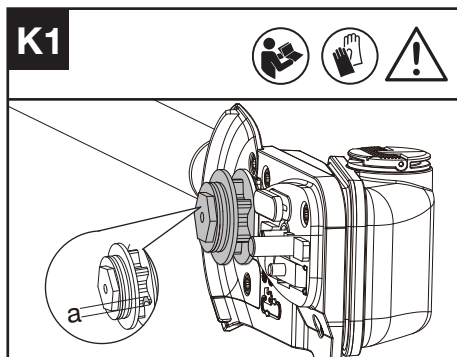
3. File all the cutters on one side of the guide bar.
4. Turn the chainsaw around and file all of the cutters on the opposite side.
5. Ensure that the length of all cutting teeth is same. To ensure efficient, safe and smooth cutting, file the depth gauge height to 0.65mm. Make sure that the leading edge of the depth gauge is rounded off. (See Fig. J4)

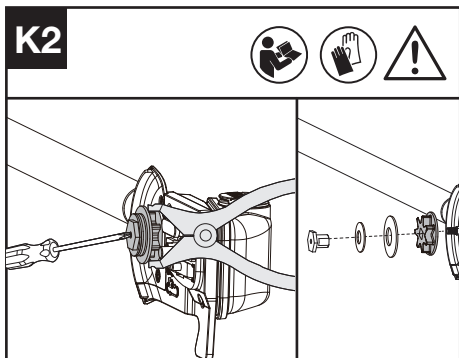


INSPECKING AND MAINTAINING THE CHAIN SPROCKET

WARNING: Before check, it is a must to turn off the pole saw and remove the battery.

1. Remove the dive sprocket cover, saw chain and guide bar.
2. Check if the wear marks are deeper than $a=0.5\text{mm}$ as shown in Fig. K1, if so, then the chain sprocket should be replaced. (See Fig. K1)
3. When replace chain sprocket, control the sprocket with pliers and use screwdriver to loosen nut and replace it. (See Fig. K2)





CLEANING

1. Switch off the pole saw and remove the battery.
2. Do not use aggressive detergents or solvents.
Clean the machine after use with a damp cloth dipped in mild detergent.
3. Keep battery connection free of dirt and debris, and clean with a soft and dry brush or cloth.
4. Do not spray water onto the motor and electrical components.
5. Do not use pressure washer to clean your machine.

STORAGE

1. Remove the battery pack from the pole saw before storage.
2. Store the pole saw and the battery in a dry and secure place that is inaccessible to children and other unauthorized people.
3. If the saw gets wet in the rain during operation, the machine and the battery pack should be dried before storing or charging.

TROUBLESHOOTING TABLE

The following table gives checks and actions that you can perform if your machine does not operate correctly. If these do not identify/remedy the problem, contact your service agent.



WARNING: Switch off and remove the battery pack before investigating fault.

Symptom	Possible Cause	Remedy
Pole saw fails to operate	Battery depleted	Charge the battery pack
Pole saw operates intermittently	Over heating	Place the machine in a cool, ventilated place to cool it down
	Applying too much pressure while cutting.	Apply less pressure while cutting
	Loose connection.	Contact your service agent.
	Internal wiring defective.	
	On/off trigger defective.	
Dry chain	No oil in oil tank	Refill oil
	Vent in oil fill cap clogged	Clean cap
	Oil passage clogged	Clean oil passage outlet
Chain/chain bar over-heats	No oil in oil tank	Refill oil
	Vent in oil fill cap clogged	Clean cap
	Oil passage clogged	Clean oil passage outlet
	Chain is over tensioned	Adjust chain tension
	Dull chain	Sharpen chain or replace
Pole saw vibrates, does not saw properly	Chain tension too loose	Adjust chain tension
	Dull chain	Sharpen chain or replace
	Chain worn out	Replace chain
	Chain teeth are facing in the wrong direction	Reassemble with chain in correct direction

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TECHNICAL DATA

	KAC361
Bar length	25 cm
Chain speed	High: 17 m/s Low: 13 m/s
Oil tank capacity	160 ml
Chain pitch	3/8" LP
Chain gauge	1.1 mm
Degree of protection	IPX4
Machine weight	1.8 kg

COMBINATIONS OF CUTTING ATTACHMENTS

Cutting attachment

KAC333-10"/25cm 0.043"/1.1mm 3/8 LP bar

KAC302-10"/25cm 0.043"/1.1mm 3/8 LP chain

KAC335-12"/30cm 0.043"/1.1mm 3/8 LP bar

KAC304-12"/30cm 0.043"/1.1mm 3/8 LP chain

Positec Australia Pty Limited
10 Corporate Blvd Bayswater , VIC 3153, Australia

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