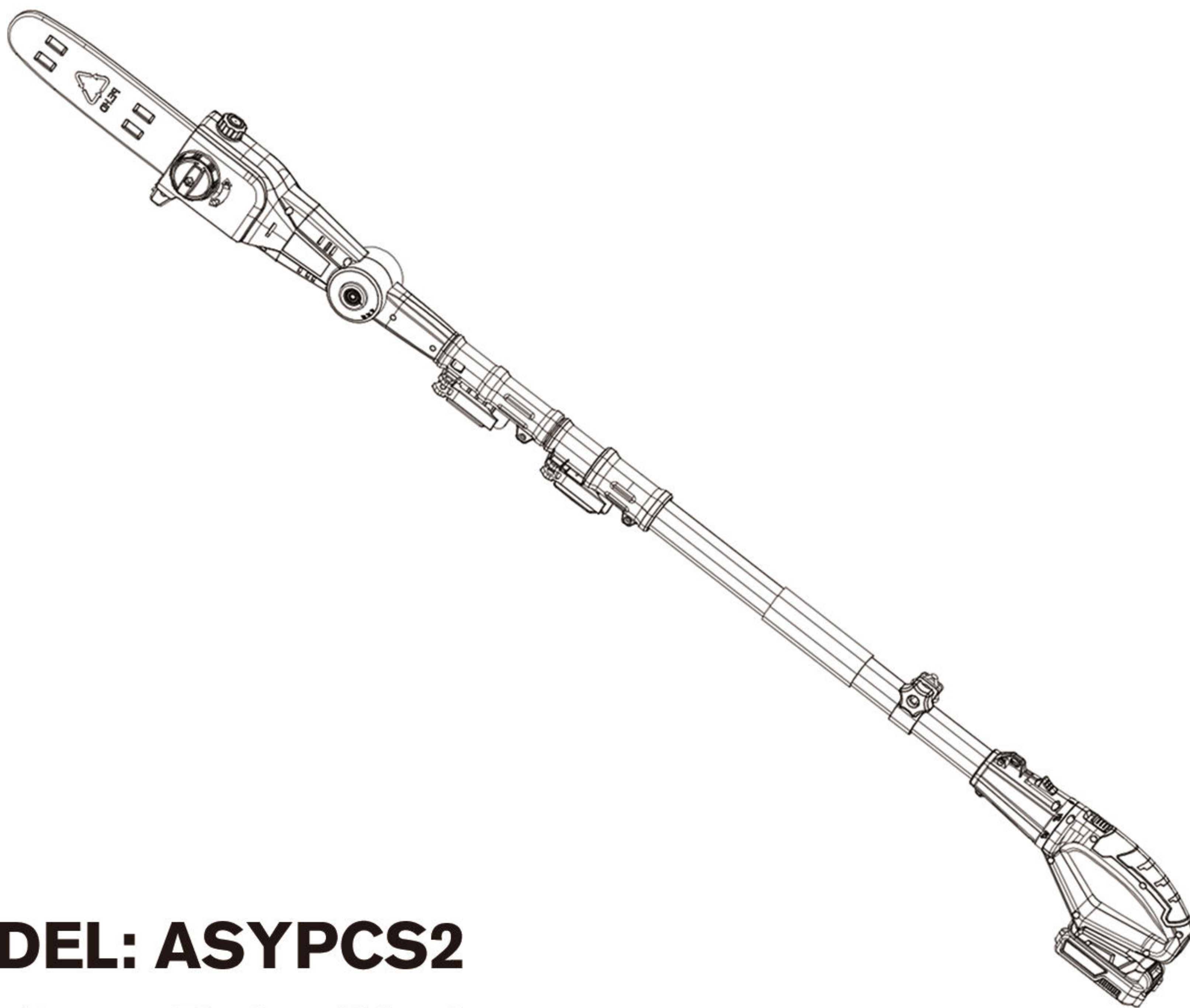


KIMO

INSTRUCTION MANUAL



MODEL: ASYPCS2

Cordless Pole Chainsaw

www.kimotool.com

If you have questions or comments, contact us at



service@kimotools.com



833.711.0596 M-F 9AM-5PM EST

GENERAL SAFETY RULES	2
IMPORTANT SAFETY FOR ALL BATTERY PACKS	9
SPECIFIC SAFETY FOR LITHIUM-ION	11
IMPORTANT SAFETY FOR ALL BATTERY CHARGERS	11
COMPONENTS AND SPECIFICATIONS	14
SPECIFIC INSTRUCTIONS	16
• Intend Use	16
• Tool Assembly	17
• Connecting The Poles	17
• Assembly The Chain Bar And Chain	19
• Assembly Shoulder Strap	23
• Cutting Length Adjustment	24
• Cutting Angle Adjustment	25
• Adding Chain Bar And Chain Lubricant	25
• Insert Battery Pack	27
• Starting And Stopping	27
• Charging Procedure	28
OPERATING INSTRUCTIONS	31
• Preparation For Cutting	31
• Basic Cutting Procedure	32
• Limbing And Pruning	33
MAINTENANCE	35
• How To Sharpen The Chain	35
• Storing The Product	36
• Troubleshooting	38
WARRANTY	41

SAVE THIS INSTRUCTIONAL MANUAL FOR FUTURE REFERENCE.

Definitions: Safety Guidelines

The definitions below describe the level of severity for each signal word. Please read the manual and pay attention to these symbols.

WARNING: Indicates a potentially hazardous situation which, if not avoided, **could** result in **death or serious injury**.

CAUTION: Indicates a potentially hazardous situation which, if not avoided, **may** result in **minor or moderate injury**.

NOTE: Indicates a practice not related to personal injury which, if not avoided, **may** result in **property damage**.



WARNING! Read and understand all instructions.

Failure to follow all instructions listed below may result in electric shock, fire and/or serious personal 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 pack-operated (cordless) power tool.

- This product 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.
- Only use the product in the manner and for the functions described in these instructions.

GENERAL SAFETY RULES

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.

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.
- 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 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
- It is recommended that appliances should be supplied via a residual current device (RCD) with a tripping current of not more than 30mA.

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 energizing 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 jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts.

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 parts 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.

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.

Specific safety warnings for cordless chain saw

- Keep all parts of the body away when the saw is operating. Before starting the saw, ensure that the saw chain is not touch anything. While working with a chain saw, one instant of careless may result in clothing or body parts caught by the saw chain.
- The appliance is designed for two-handed operation. Always hold the chain saw with your right hand at the rear handle and your left hand on the front handle.
- Keep the handles dry ,clean and free from oil and grease. Greasy and oily handles are slippery and cause loss of control.
- Never start the appliance before the chain bar ,saw chain and sprocket chain wheel covering are correctly assembled.
- Do not work with the appliance on a tree. There is risk of injuries when operating the saw on a tree.
- Always ensure a stable stance and posture and use the chain saw only if you are standing on a solid, safe and level floor.
- Reckon with the fact that while cutting a branch under tension, it is likely to recoil or rebound.

- Be particularly careful while cutting undergrowth and young trees. The thin material may get caught in the saw chain and hit you or make you lose your balance.
- Carry the saw chain at the front handle when it is switched off so that the saw chain is turned away from your body .Always pull the scabbard over the saw chain when transporting it or storing it away.
- Follow the instructions for lubrication, tightening the chain and replacing accessories .A chain that has not been tightened or lubricated properly may either snap or enhance the risk of a rebound or recoil.
- Use the appliance to saw only wood. Do not use the chain saw for work that it is not designed or intended for

ADDITIONAL SAFETY WARNINGS IMPORTANT

Read carefully before use
Keep for future reference

Training

- Read the instructions carefully. Be familiar with the controls and the proper use of the appliance.
- Never allow children to use the product.
- Never allow people unfamiliar with these instructions to use the appliance. Local regulations may restrict the age of the operator.
- Never operate the appliance while people, especially children, or pets are nearby.
- The operator or user is responsible for accidents or hazards occurring to other people or their property.

Preparation

- Wear safety goggles and ear muffs while operating
- Always wear substantial footwear and long trousers. Do not operate the equipment when barefoot or wearing open sandals.
- Always wear suitable working clothes during working, which allow freedom of movement.
- Never operate the appliance which is damaged, incomplete or changed without approval of the manufacturer.

Operation

- Disconnect the battery from the product whenever you leave the product, before clearing a blockage, before checking, cleaning or working on the product, if the product starts to vibrate abnormally.
- Operate the product only in daylight or in good artificial light.
- Do not overreach and keep your balance at all times.
- Always be sure of your footing on slopes
- Walk, never run.
- Keep all ventilation openings clear of debris.
- Never blow debris in the direction of bystanders.

Maintenance and storage

- Keep all nuts, bolts and screws tight to be sure the product is in safe working condition.

- Check the collection bag frequently for wear or deterioration.
- Replace worn or damaged parts
- Store the product only in a dry place.
- Use only spare parts and accessories approved by the manufacturer.

Residual risks

Even if you are operating this product in accordance with the provisions, residual risks will always still remain. The following dangers can arise in connection with the structure and design of this product:

1. Health defects resulting from vibration emission if the product is being used over longer period of time or not adequately managed and properly maintained.
2. Injuries and damage to property to due to broken accessories or hidden objects that are suddenly dashed.
3. Injuries and damage to property to due to thrown and fallen objects.



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

Vibration and noise reduction

To reduce the impact of noise and vibration emission, limit the time of operation, use low-vibration and low-noise operating modes as well as wear personal protective equipment.

Emergency

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

1. Always be alert when using this product, so that you can recognize and handle risks early. Fast intervention can prevent serious injury and damage to property.
2. Stop the motor and disconnect the battery from the product if there is any malfunction. Have the product checked by a qualified professional and repaired, if necessary, before you put it into operation again.

IMPORTANT SAFETY FOR ALL BATTERY PACKS

The battery pack is not fully charged out of the carton. Before using the battery pack and charger, read the safety instructions below and then follow charging procedures outlined.

- **Do not charge or use the battery pack in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Inserting or removing the battery pack from the charger may ignite the dust or fumes.
- **NEVER force the battery pack into the charger. Do not modify the battery pack in any way to fit into a non-compatible charger as battery pack may rupture causing serious personal injury.**
- Charge the battery packs only in designated **KIMO** chargers.
- **DO NOT** splash or immerse in water or other liquids.

- **Do not store or use the tool and battery pack in locations where the temperature may reach or exceed 104 °F (40 °C) (such as outside sheds or metal buildings in summer).** For best life store battery packs in a cool, dry location.

NOTE: Do not store the battery packs in a tool with the trigger switch locked on. Never tape the trigger switch in the ON position.



WARNING! Fire hazard. Never attempt to open the battery pack for any reason. If the battery pack case is cracked or damaged, do not insert into the charger. Do not crush, drop or damage the battery pack. Do not use a battery pack or charger that has received a sharp blow, been dropped, run over or damaged in any way (e.g., pierced with a nail, hit with a hammer, stepped on). Damaged battery packs should be returned to the service center for recycling.



WARNING! Fire hazard. **Do not store or carry the battery pack so that metal objects can contact exposed battery terminals.** For example, do not place the battery pack in aprons, pockets, tool boxes, product kit boxes, drawers, etc., with loose nails, screws, keys, etc. **Transporting batteries can possibly cause fires if the battery terminals inadvertently come in contact with conductive materials such as keys, coins, hand tools and the like.** The US Department of Transportation Hazardous Material Regulations (HMR) actually prohibits transporting batteries in commerce or on airplanes (e.g., packed in suitcases and carry-on luggage) UNLESS they are properly protected from short circuits. So when transporting individual battery packs, make sure that the battery terminals are protected and well insulated from materials that could contact them and cause a short circuit.

SPECIFIC SAFETY FOR LITHIUM-ION

- **Do not incinerate the battery pack even if it is severely damaged or is completely worn out.** The battery pack can explode in a fire. Toxic fumes and materials are created when lithium ion battery packs are burned.
- **If battery contents come into contact with the skin, immediately wash area with mild soap and water.** If battery liquid gets into the eye, rinse water over the open eye for 15 minutes or until irritation ceases. If medical attention is needed, the battery electrolyte is composed of a mixture of liquid organic carbonates and lithium salts.
- **Contents of opened battery cells may cause respiratory irritation.** Provide fresh air. If symptoms persist, seek medical attention.



WARNING! Burn hazard. Battery liquid may be flammable if exposed to spark or flame.

IMPORTANT SAFETY FOR ALL BATTERY CHARGERS

- **DO NOT attempt to charge the battery pack with any chargers other than the ones in this manual.** The charger and battery pack are specifically designed to work together.
- **These chargers are not intended for any uses other than charging KIMO rechargeable batteries.** Any other uses may result in risk of fire, electric shock or electrocution.

- **Do not expose the charger to rain or snow.**
- **Pull by the plug rather than the cord when disconnecting the charger.** This will reduce the risk of damage to the electric plug and cord.
- **Make sure that the cord is located so that it will not be stepped on, tripped over or otherwise subjected to damage or stress.**
- **Do not use an extension cord unless it is absolutely necessary.** Use of improper extension cord could result in risk of fire, electric shock or electrocution.
- **When operating a charger outdoors, always provide a dry location and use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
- **Do not place any object on top of the charger or place the charger on a soft surface that might block the ventilation slots and result in excessive internal heat.** Place the charger in a position away from any heat source. The charger is ventilated through slots in the top and the bottom of the housing.
- **Do not operate the charger with a damaged cord or plug.**
- **Do not operate the charger if it has received a sharp blow, been dropped or otherwise damaged in any way.** Contact us immediately.
- **Do not disassemble the charger; take it to an authorized service center when service or repair is required.** Incorrect reassembly may result in a risk of electric shock, electrocution or fire.

- **Disconnect the charger from the outlet before attempting any cleaning.** This will reduce the risk of electric shock. Removing the battery pack will not reduce this risk.
- **NEVER attempt to connect 2 chargers together.**
- **The charger is designed to operate on standard 120V household electrical power. Do not attempt to use it on any other voltage.** This does not apply to the vehicular charger.



WARNING! Shock hazard. Do not allow any liquid to get inside the charger. Electric shock may result.



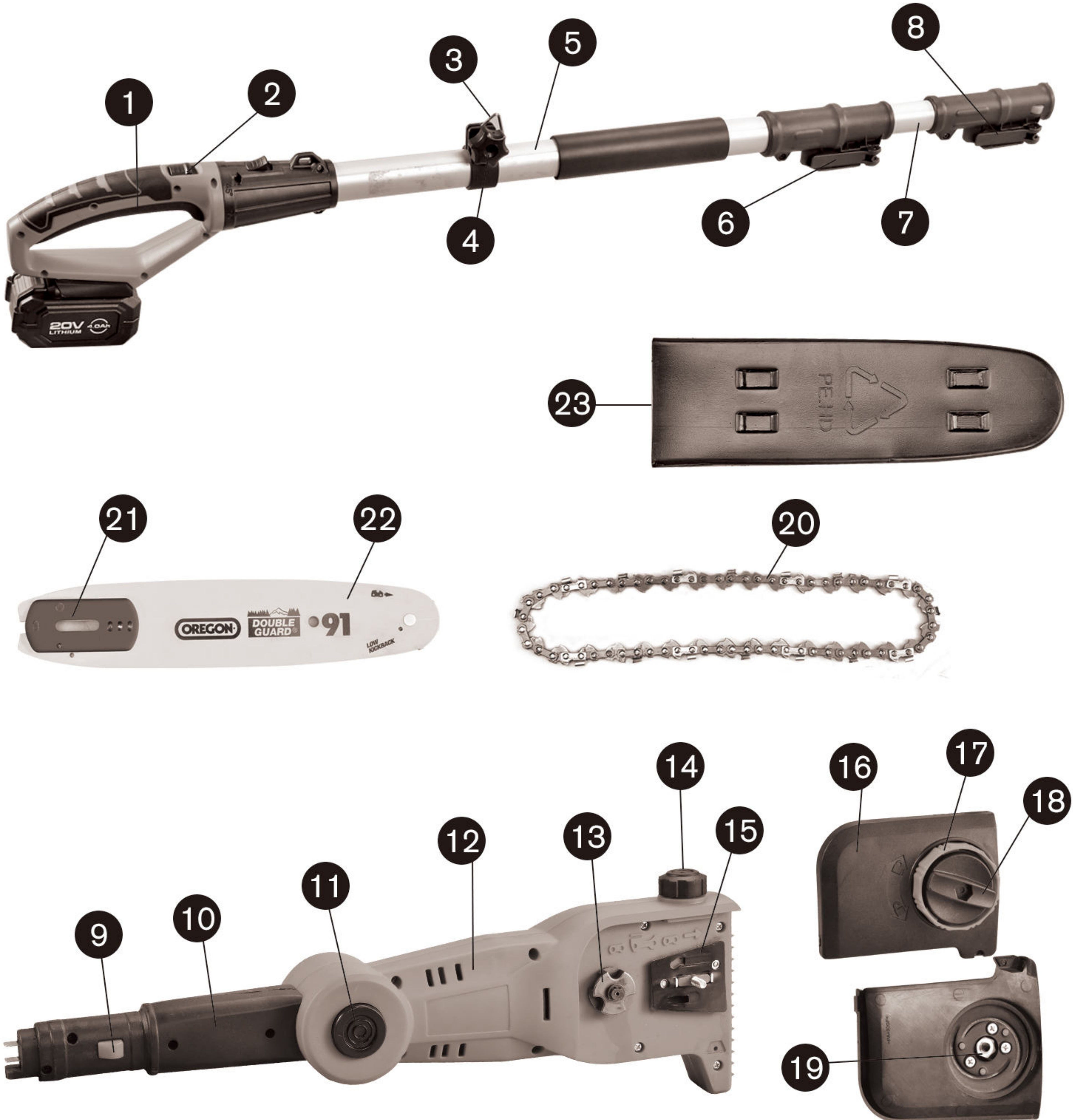
CAUTION! Burn hazard. To reduce the risk of injury, charge only KIMO rechargeable battery packs. Other types of batteries may overheat and burst resulting in personal injury and property damage.

NOTE: Under certain conditions, with the charger plugged into the power supply, the charger can be shorted by foreign material. Foreign materials of a conductive nature, such as, but not limited to, grinding dust, metal chips, steel wool, aluminum foil or any buildup of metallic particles should be kept away from the charger cavities. Always unplug the charger from the power supply when there is no battery pack in the cavity. Unplug the charger before attempting to clean.



WARNING! Never modify the power tool or any part of it. Damage or personal injury could result.

COMPONENTS AND SPECIFICATIONS



- 1. Trigger switch
- 2. Switch lock button
- 3. Strap connector
- 4. Strap position lock nut
- 5. Fixed tube
- 6. The lock trigger of telescopic tube
- 7. Telescopic tube
- 8. The lock trigger of assemble and disassemble

- | | |
|---|--|
| 9. The button of assemble and disassemble | 16. Chain bar cover and SDS control system |
| 10. Rotating handle | 17. Chain tightening ring |
| 11. Rotating button | 18. Cover nut |
| 12. Working head | 19. Chain tightening piece A |
| 13. Sprocket | 20. Saw chain |
| 14. Oil tank cover | 21. Chain tightening piece B |
| 15. Oil sealing plate | 22. Chain bar |
| | 23. Scabbard |

Model	ASYPCS2
Voltage	20V
Battery Specification	Li-ion
Battery Charge	120V, 60Hz
Charging Time	1-2 Hours
Pole Length	Total 63" / Non-Telescopic 43"
Guide Bar Type	8" 100SDEA318(Oregon)
Chain Pitch	3/8"
Saw Chain Type	8" chain
Chain Oil Tank Capacity	2.7oz
Cutting Thickness	Max. 8"
Chain Speed	18ft/s

SPECIFIC INSTRUCTIONS

Intend Use

- The pole chain saw is designed for cutting the branches of standing trees but not intends for cutting woods as normal chain saw.
- The appliance is suitable for the private use in the garden only, not for continuous employment in the commercial use.
- The appliance is designed for use by adults. Young people over 16 years old may use the appliance under supervision only.
- This appliance is not intended for use by persons (including children)with reduced physical, sensory or mental capabilities , unless they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety.
- The pole chain saw is designed for cutting the branches of standing trees but not intends for cutting woods as normal chain saw.
- The appliance is suitable for the private use in the garden only, not for continuous employment in the commercial use.
- The appliance is designed for use by adults. Young people over 16 years old may use the appliance under supervision only.
- This appliance is not intended for use by persons (including children)with reduced physical, sensory or mental capabilities , unless they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety.

Tool Assembly



WARNING! This product requires assembly. Carefully remove the product and any accessories from the box. Make sure that all items listed in the packing list are included.

Inspect the product carefully to make sure no breakage or damage occurred during shipping.

Do not discard the packing material until you have carefully inspected and satisfactorily operated the product.

If any parts are damaged or missing, please contact authorized service center or retailer.



WARNING! If any parts are damaged or missing, do not operate this product until the parts are replaced. Failure to heed this warning could result in serious personal injury.



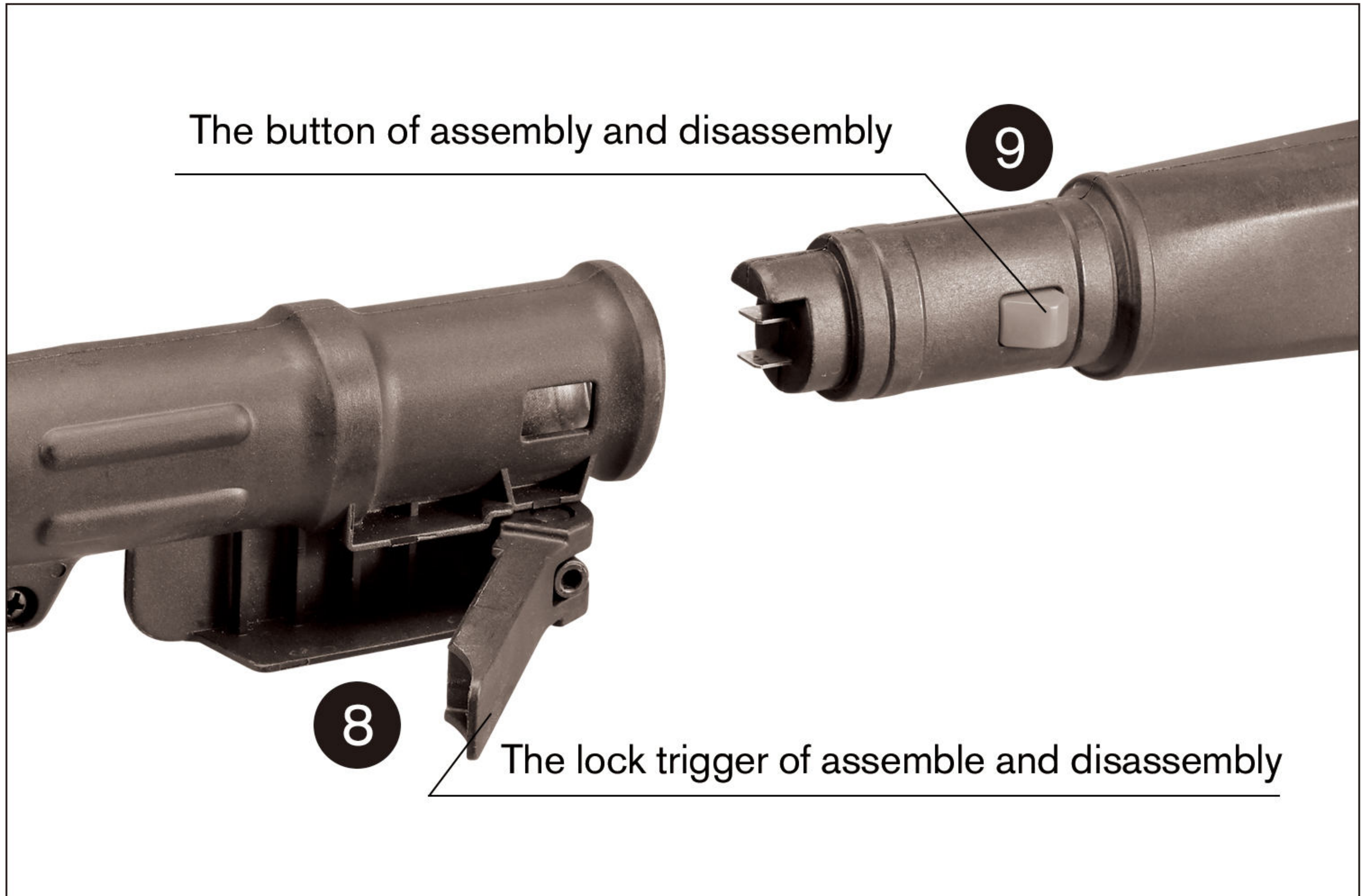
WARNING! Do not attempt to modify this product or create accessories not recommended for use with this product. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.



WARNING! Do not connect battery pack until assembly is complete. Failure to comply could result in accidental starting and possible serious personal injury.

1. Connecting The Poles

- a. Do not store or use the tool and battery pack in locations where the temperature may reach or exceed 104 °F (40 °C) (such as outside sheds or metal buildings in summer). For best life store battery packs in a cool, dry location.
- b. Close the lock trigger of assembly and disassemble (8). Don't forget to check it and make it tightly for safe working.



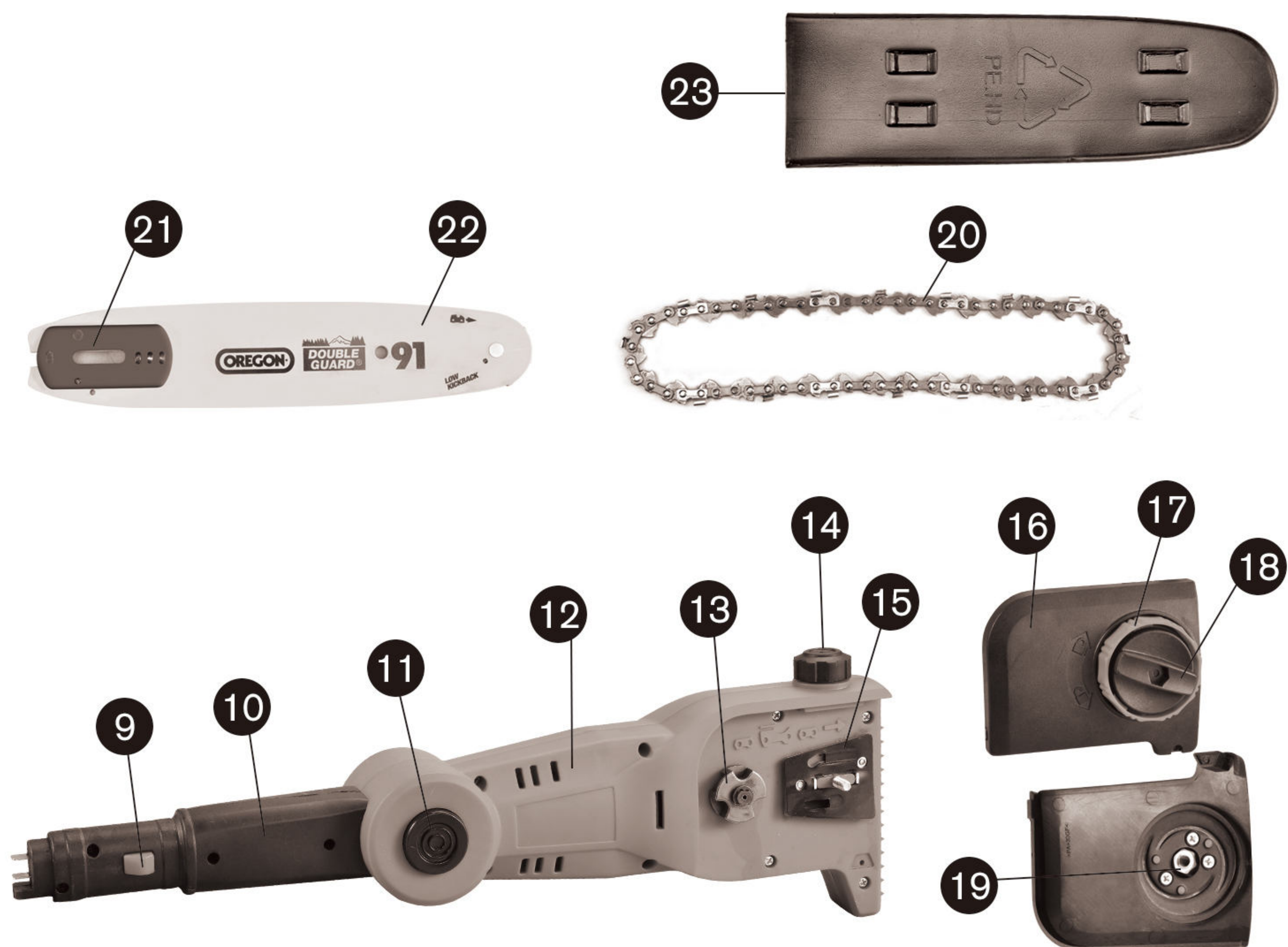
WARNING! Failure to lock the power-head pole as directed above could result in serious injury or death.

2. Assembly The Chain Bar And Chain



WARNING! The saw chain has very sharp edges, use thick protective gloves for safety.


- Loosen the cover nut (18), remove the SDS control system and chain bar cover(16).



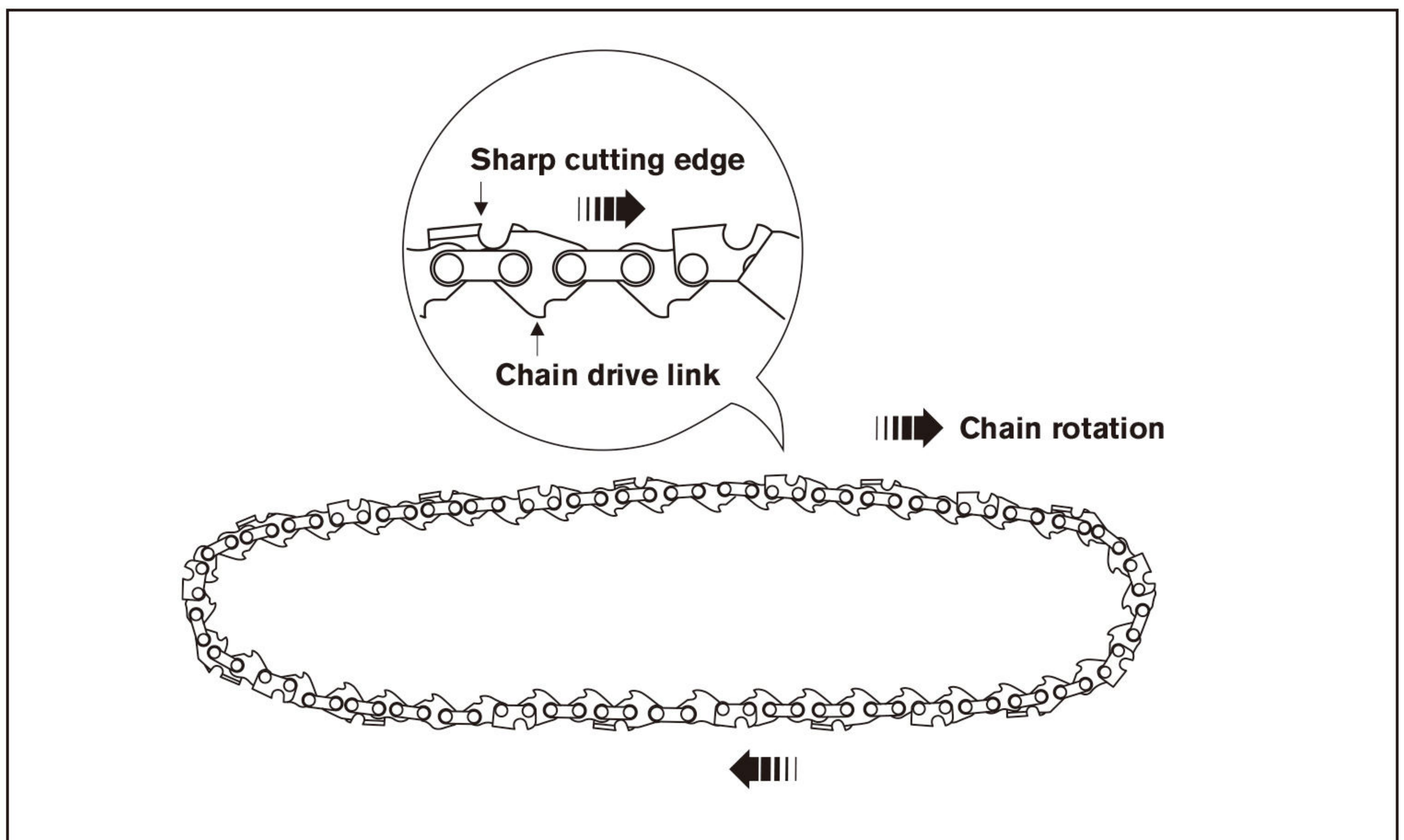
NOTE: The oil sealing plate(15) must on the working head .

- Remove the old chain from the bar.

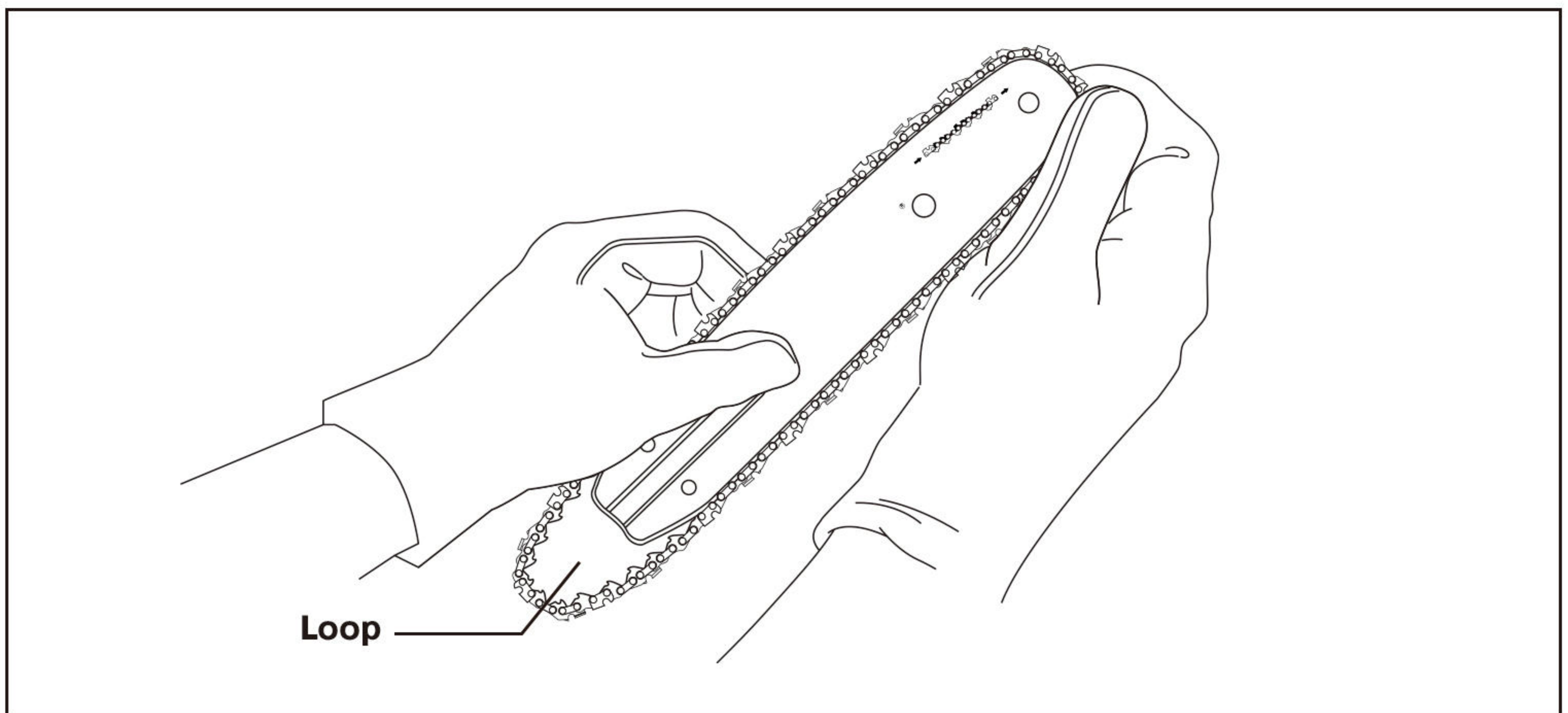
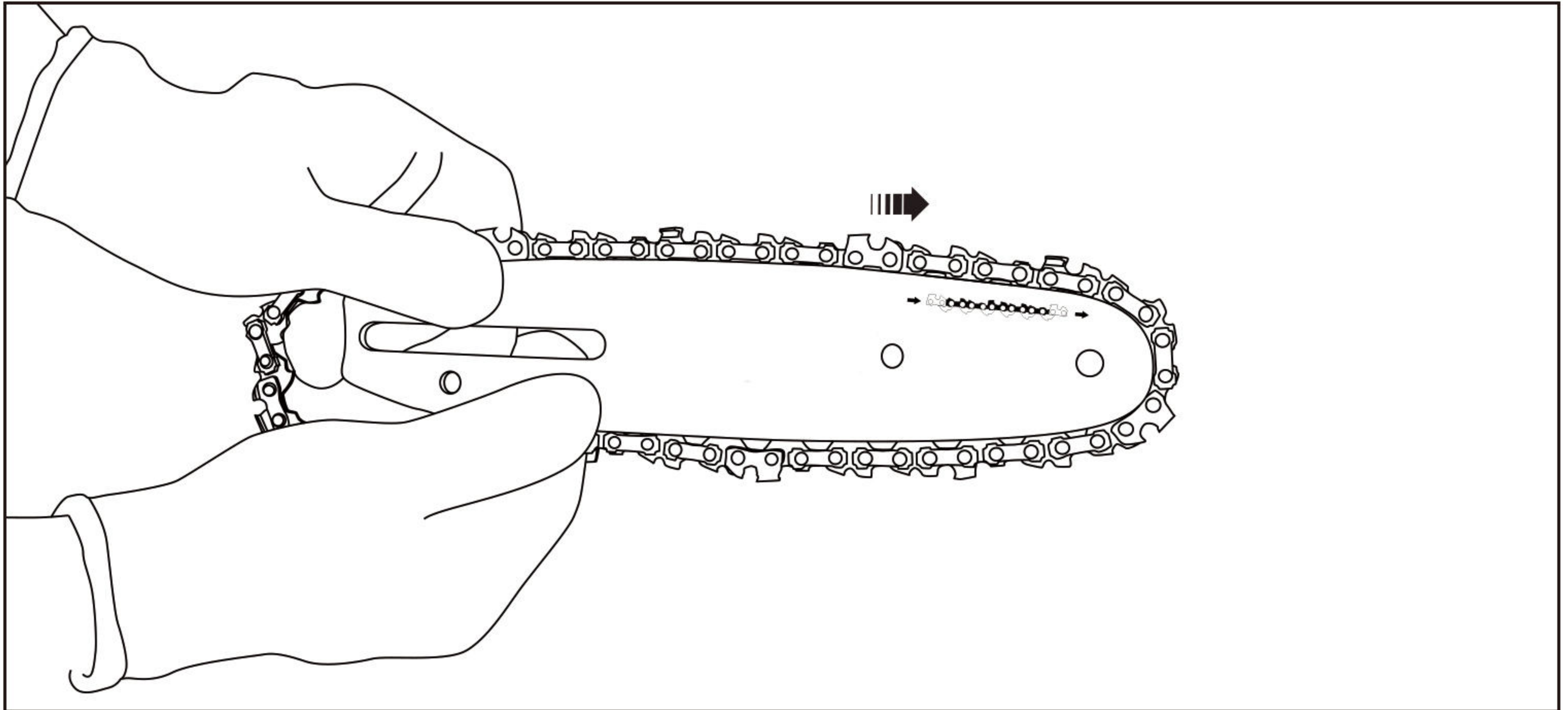
NOTE: When you first purchase your pole chain saw, the chain and bar will come separately with the saw. Should you need to replace the chain in the future, follow all the steps in this section.

- Lay out the new saw chain in a loop and straighten any kinks. THE SHARP SIDE OF THE TEETH MUST FACE AWAY FROM YOU IN THE DIRECTION OF THE CHAIN ROTATION INDICATED ON THE GUIDE BAR . →  →

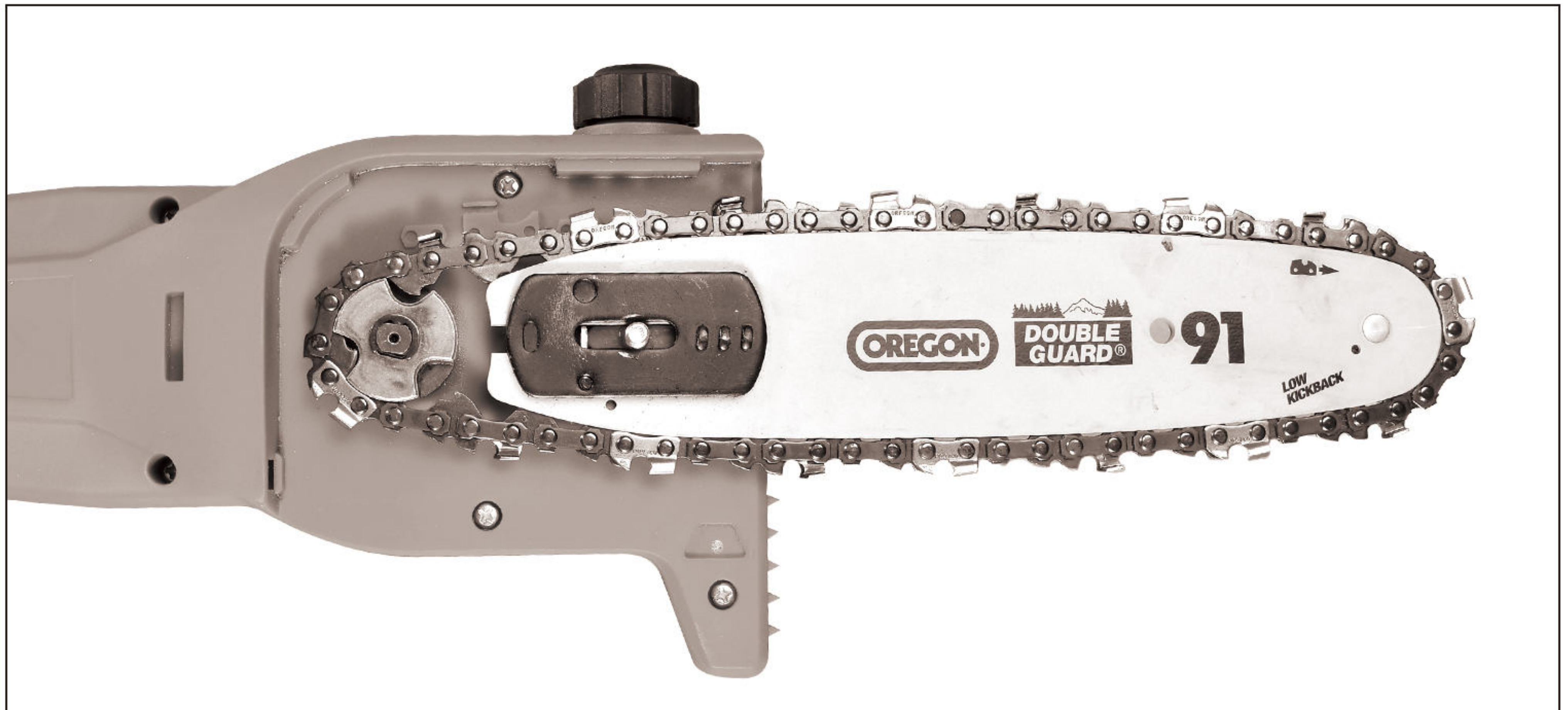
If the teeth face backwards, turn the loop over.



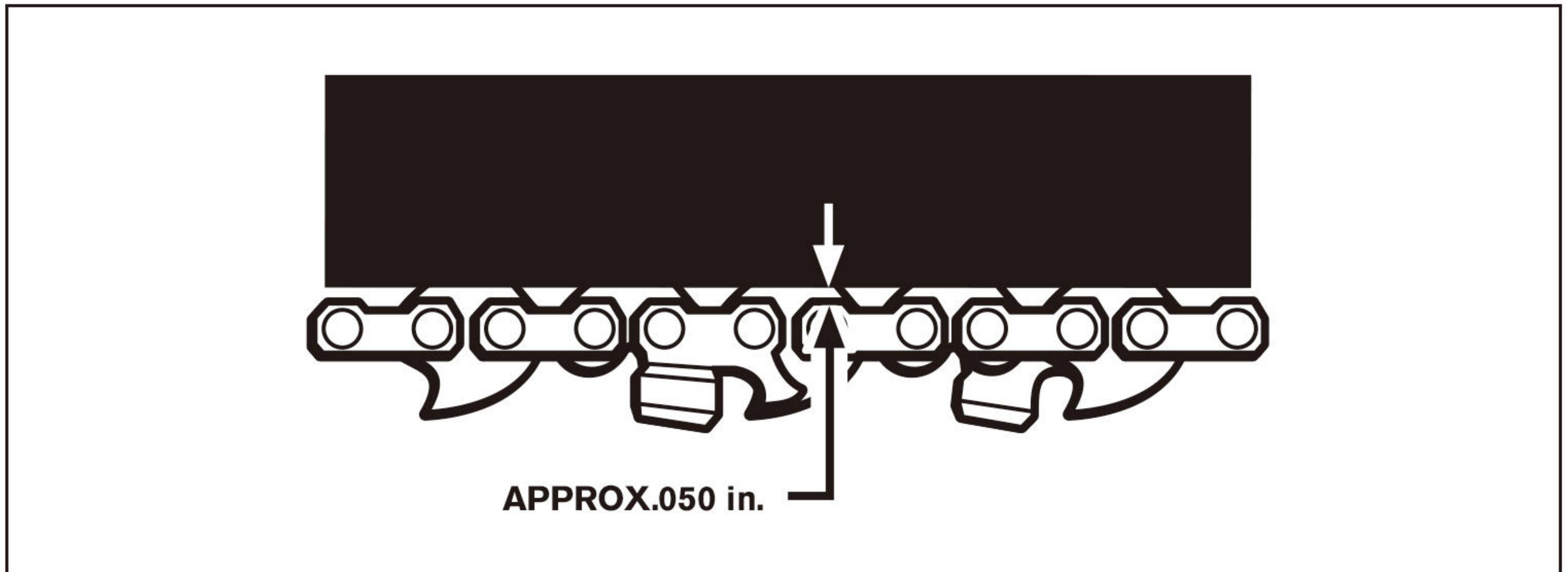
- Starting at the tip, mount the chain drive links into the bar groove, leaving a loop at the back of the bar. The chain will loosely fit until it is placed on the sprocket(13) .



- Position the chain bar(22) onto the working head.
- Fit the saw chain (20) over the sprocket(13) and into the chain bar groove. The cutters on the top of the chain bar should face toward the chain bar tip, in the direction of the chain rotation. (Note: If the chain is not properly fitted over on the sprocket, the chain saw will not work and could cause serious injury).



- Replace the chain bar cover(16) and install the SDS control system. Tighten the cover nut(18) finger tight only. The cover nut(18) is used to fasten the cover. The chain tightening piece A(19) is fixed to the cover nut(18). The chain tightening piece A(19) must coordination to the chain tightening piece B(21) which is on the chain bar(22), the chain tightening ring is used to tightening the chain. The chain bar must be free to move by chain tightening ring(17)
- Adjust the chain tension by turning the chain tightening ring(17) until the tie straps just touch the bottom of the chain bar rail. Turning clockwise tightens the chain tension. Then check the chain for smooth rotation and proper tension while moving it by hand (wear gloves). If necessary, readjust the chain tightening ring (but loosen the bar cover first).
- Hold the tip of the bar up and tighten the cover nut securely.
- Chain is correctly tightened when there is no slack on the underside of the bar, the chain is snug, but it can be turned by hand without binding. During normal operation, the temperature of the chain will increase. The drive links of a correctly tightened warm chain will hang approximately .050 in. out of the bar groove.

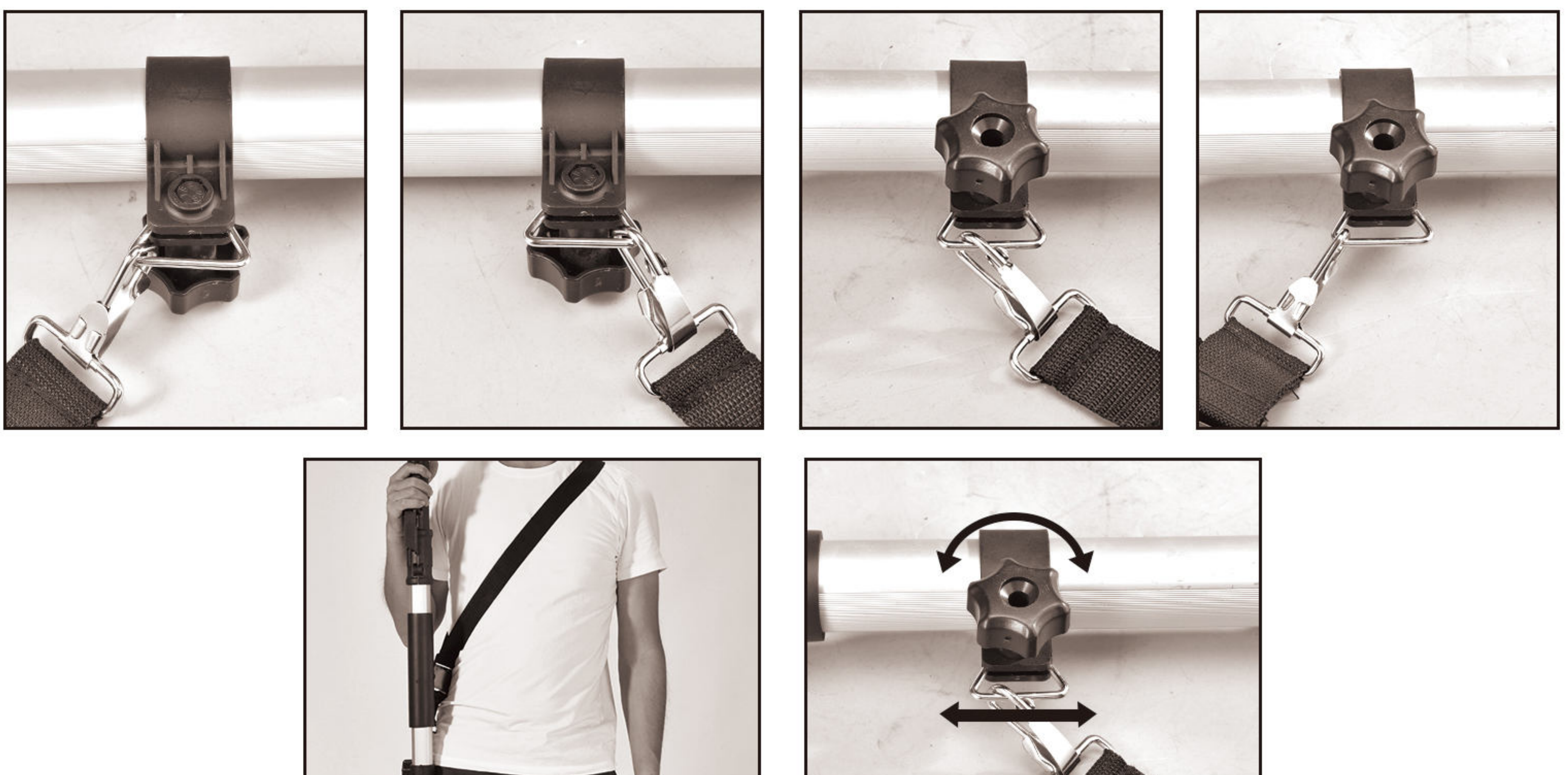


NOTE: If chain is too tight, it will not rotate. Turn adjusting chain tightening ring counterclockwise.

3. Assembly Shoulder Strap

Always operate using the shoulder strap provided . Failure to do so could result in loss of balance and result in personal injury.

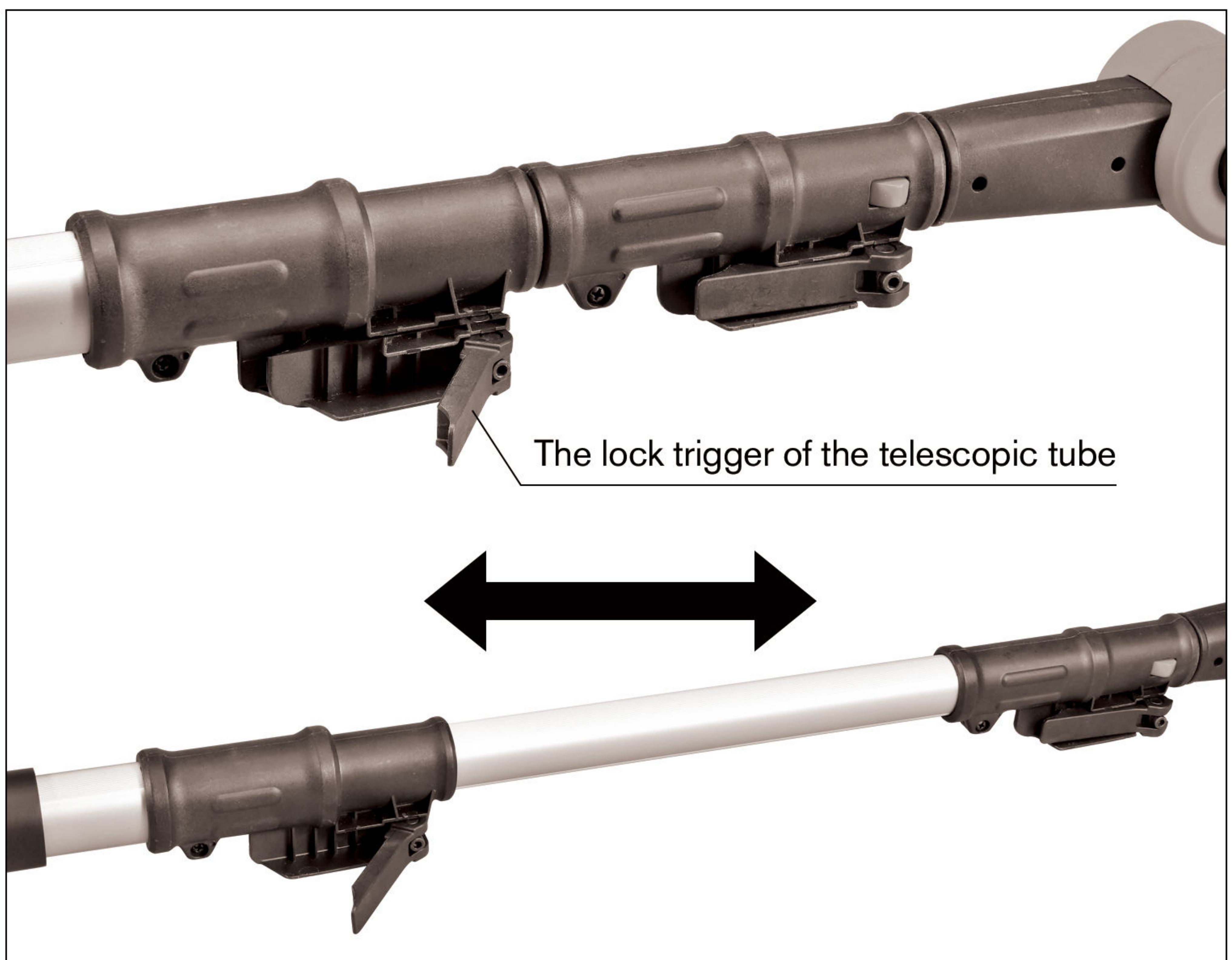
- a. Following the FIG. to assembly the shoulder strap.
- b. Place the shoulder strap so that it runs over the left shoulder, crossing the chest and back.



- c. Adjust the position of the securing clip loosening the strap position lock nut(4) anticlockwise and sliding it into required position.
- d. This unit is designed with a quick-release strap hook, pulling the bar-shaped webbing will enable to release the strap from pole chain saw quickly in case of emergency.

4. Cutting Length Adjustment

If you want to adjust the cutting length, you can use two hands to open the lock trigger of telescopic tube(6), make the tube at the suitable height. **Attention: Don't forget lock the lock trigger of telescopic tube(6).**



5. Cutting Angle Adjustment

This pole chain saw supplied three cutting positions for different cutting status, adjust the cutting head angle to fit the growth of the plant. Press the rotating button(11) on the left and right of the working head, and make the working head(12) revolve, until it snaps securely into place at one of the three positions indicated by the notches.



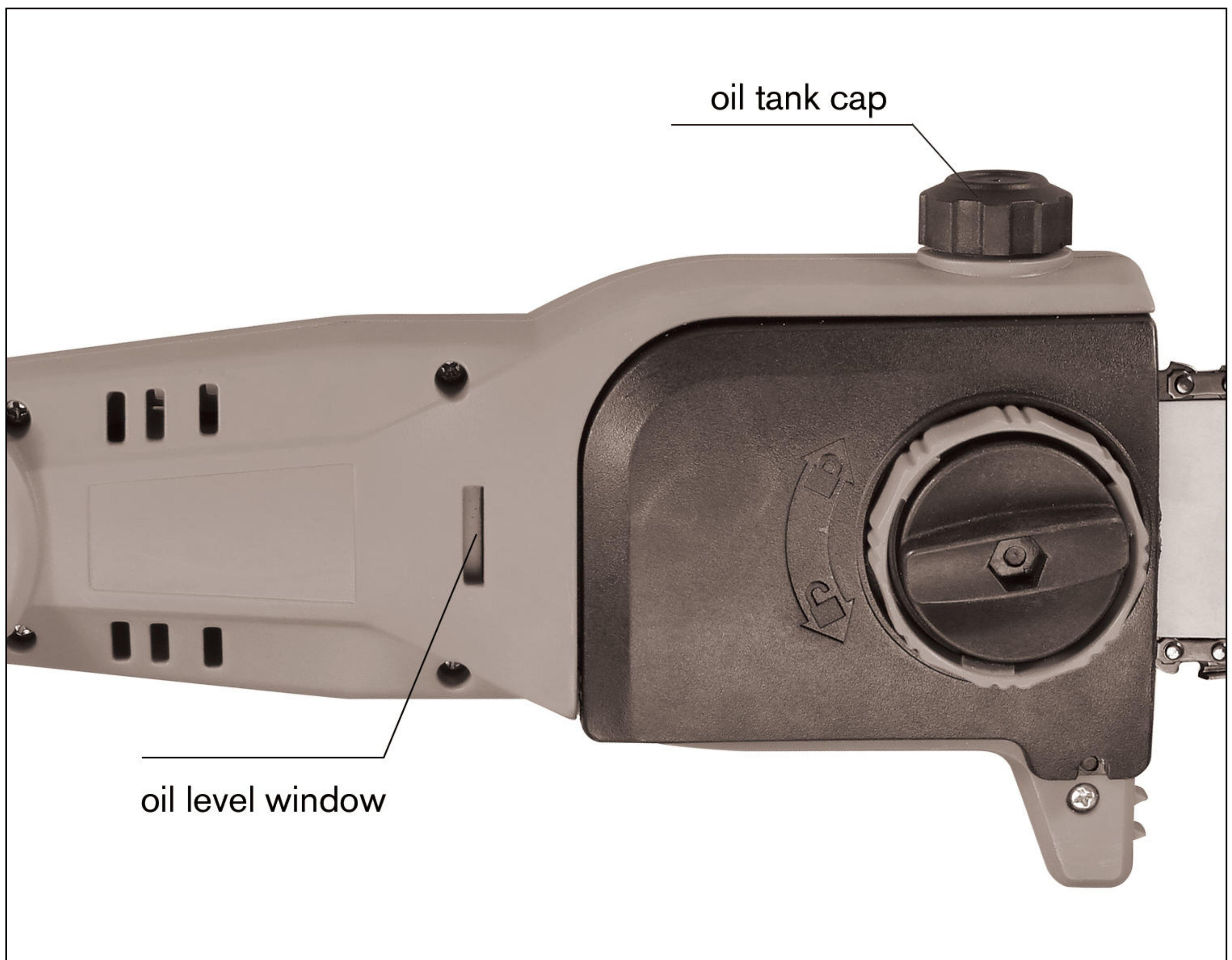
6. Adding Chain Bar And Chain Lubricant

The pole chain saw is equipped with an oil automatic system. Chain bar and Chain must always be oil lubricated when working. Non-observance of this will result in increased wear out on the bar and saw chain.

NOTE: Pole chain saw comes from the factory with no chain oil added.

Lubricant oil level should also be checked after every 10 minutes of use and refilled as needed.

1. Remove oil tank cover.
2. Carefully pour the bar and chain Lubricant oil into the tank.
3. Wipe off excess oil.
4. Check and fill the oil tank when quick view oil indicator is below the MAX indicator line.
5. Repeat as needed.



NOTE: It is normal for oil to seep from the saw when not in use. To prevent seepage, empty the oil tank after each use then run for one minute. When storing the unit for a long period of time (three months or longer) be sure the chain is lightly lubricated; this will prevent rust on the chain and bar sprocket.

7. Insert Battery Pack

Please insert the battery pack to the machine. Always use the correct battery pack.



8. Starting And Stopping

- Wear non-slip gloves for maximum grip and protection.
- Maintain a proper grip on the unit whenever the motor is running. Use your right hand to firmly grip the rear handle while your left hand has a firm grip on the pole shaft.
- Hold unit firmly with both hands. Always keep your left hand on the pole shaft and your right hand on the rear handle, so your body is to the left of the chain line. Never use a left-handed grip, or any stance that places your body or arm across the chain line.
- Never stand directly under the limb you are cutting.
- Be certain the trigger(6 & 8) are fully tightened before operating equipment; check them periodically for tightness during use to avoid serious injury.
- Remove the scabbard(23) from the blade before operation. To turn on the machine, you should first push the switch lock button (2) and then press the trigger switch(1). Release the trigger switch will make the machine stop.

Charging Procedure

KIMO chargers are designed to charge KIMO battery packs in 60~90 minutes depending on the pack being charged.

To charge the battery:

1. Insert/Slide the battery pack into the charger as shown as below.



2. Plug the charger into an appropriate outlet after inserting the battery pack.

Recharge discharged batteries as soon as possible after use or battery life may be greatly diminished. for longest battery life, do not discharge batteries fully. It is recommended that the batteries be recharged after each use.

NOTE: Battery packs for this tool are shipped in a low charge condition to prevent possible problems.






NOTE: A battery that is new or has not been used for a longer period does not develop its full capacity until after approx. 5 charge/discharge cycles.

Charger:

Red Indicator	Green Indicator	Battery Pack	Status
ON	OFF	Charging	Charging
OFF	ON	Charged	Charged
OFF	OFF	Short Circuited	Short Circuited

Fuel Gauge Battery Packs:

KIMO 20V battery pack includes a fuel gauge which consists of four LED lights that indicate the level of charge remaining in the battery pack. The fuel gauge is an indication of approximate levels of charge remaining in the battery pack according to the following indicators:

Remaining Capacity	Indicator Lights	
≤ 20%		Red Flashing
20% — 40%		Red On
40% — 60%		Red & Yellow On
60% — 80%		Red, Yellow & Green On
80% — 100%		All Lights On



IMPORTANT SAFETY INSTRUCTIONS FOR BATTERY CARTRIDGE

1. If operating time has become excessively shorter, stop operating immediately. It may result in a risk of overheating, possible burns and even an explosion.

2. Do not short the battery cartridge:

- (1) Do not touch the terminals with any conductive material.
- (2) Avoid storing battery cartridge in a container with other metal objects such as nails, coins, etc.
- (3) Do not expose battery cartridge to water or rain.

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

3. Do not incinerate the battery cartridge even if it is severely damaged or is completely worn out. The battery cartridge can explode in a fire.

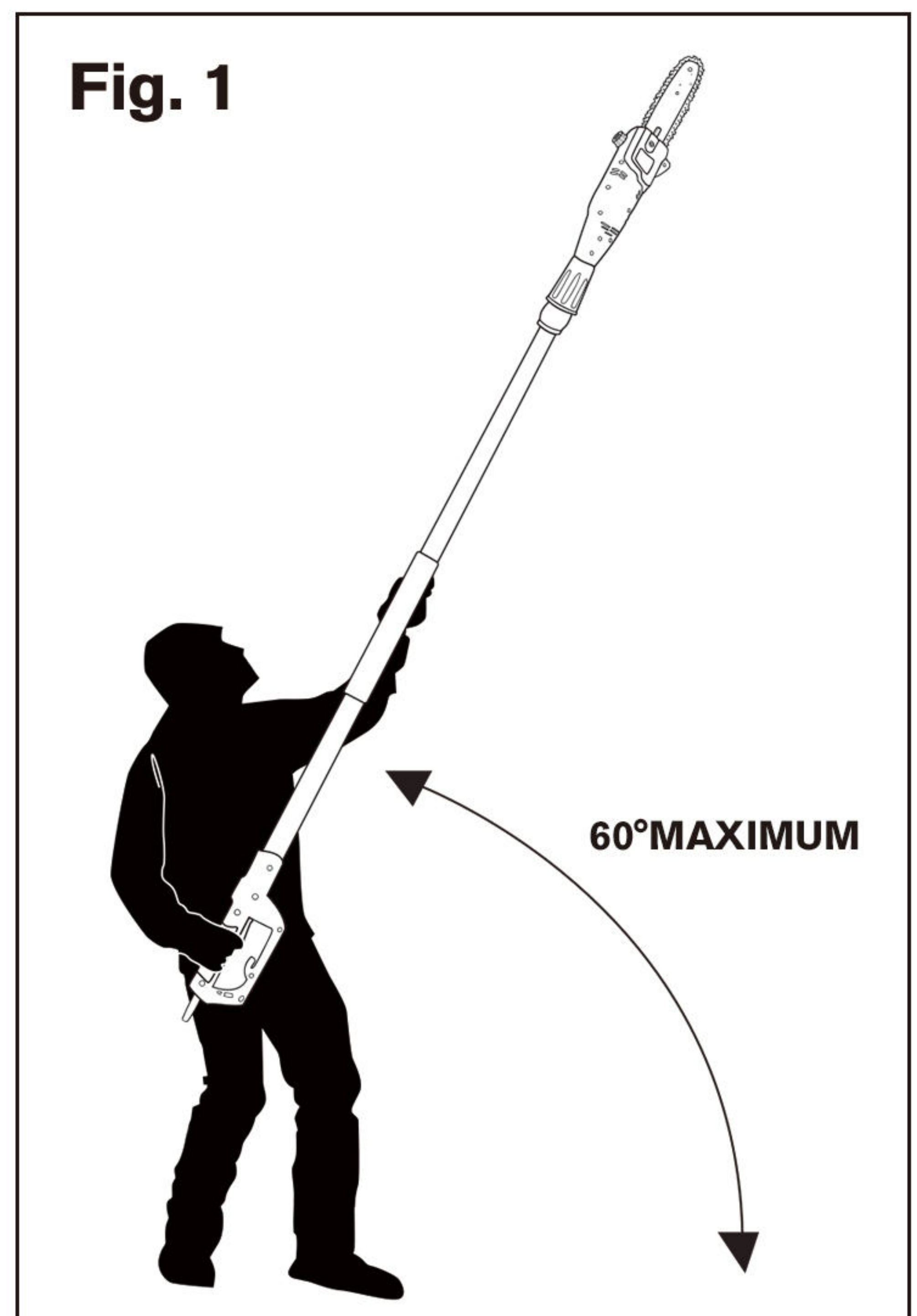
4. Be careful not to drop or strike battery.

5. Follow your local regulations relating to disposal of battery.

OPERATING INSTRUCTIONS

Preparation For Cutting

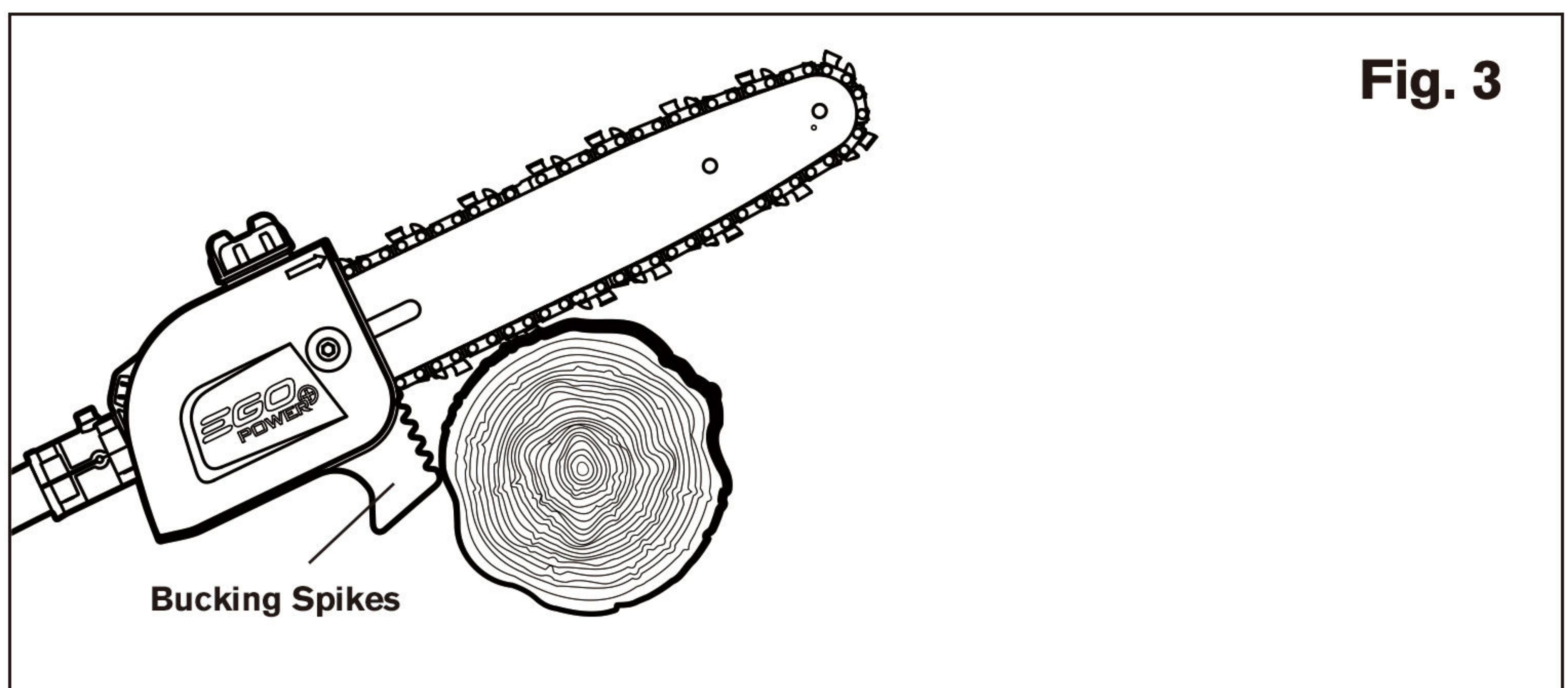
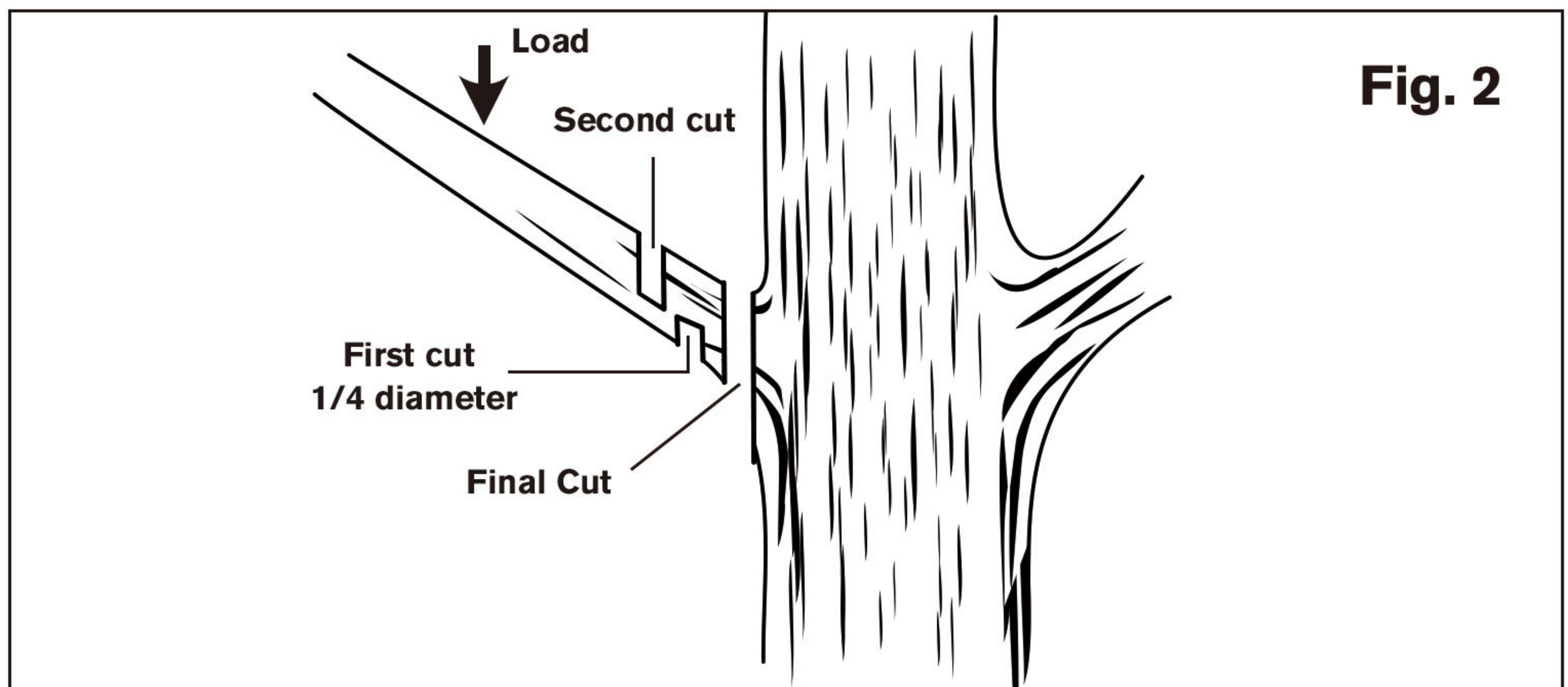
- Wear non-slip gloves for maximum grip and protection.
- Balance your weight with both feet on solid ground.
- Maintain a proper grip on the unit whenever the motor is running. Use your right hand to firmly grip the rear handle while your left hand has a firm grip on the pole shaft (Fig. 1). The most typical cutting application is to position the unit at an angle of 60° or less depending on the specific situation.
- Hold unit firmly with both hands. Always keep your left hand on the pole shaft and your right hand on the rear handle. Never use a left-handed (cross-handed) grip, or any stance that places your body or arm across the chain line.
- Never stand directly under the limb you are cutting.
- Be certain the collars are fully tightened before operating equipment; check them periodically for tightness during use to avoid serious injury.



Basic Cutting Procedure

Follow the steps below to prevent damage to tree or shrub bark. Do not use a back-and-forth sawing motion.

1. Make a shallow first cut (1/4 of limb diameter) on the underside of the limb close to the main limb or trunk.
2. Make a second cut from the top side of the limb outboard from the first cut. Continue the cut through the limb until the limb separates from the tree. Be prepared to balance the weight of the tool when the limb falls.
3. Make a final cut close to trunk.



NOTICE: For second and final cuts (from the top of the limb or branch), hold the bucking spikes against the limb being cut (Fig. 3). This will help to steady the limb and make it easier to cut. Allow the chain to cut for you; exert only light downward pressure. If you force the cut, damage to the bar, chain, or motor can result.

4. Release the trigger on the power head as soon as the cut is completed.

NOTICE: Failure to follow proper cutting procedures will result in the bar and chain binding and becoming pinched or trapped in the limb. If this should happen:

1. Stop the motor and remove the battery pack.
2. If the limb can be reached from the ground, lift the limb while holding the saw. This should release the “pinch” and free the saw.
3. If the saw is still trapped, call a professional for assistance.

Limbing And Pruning

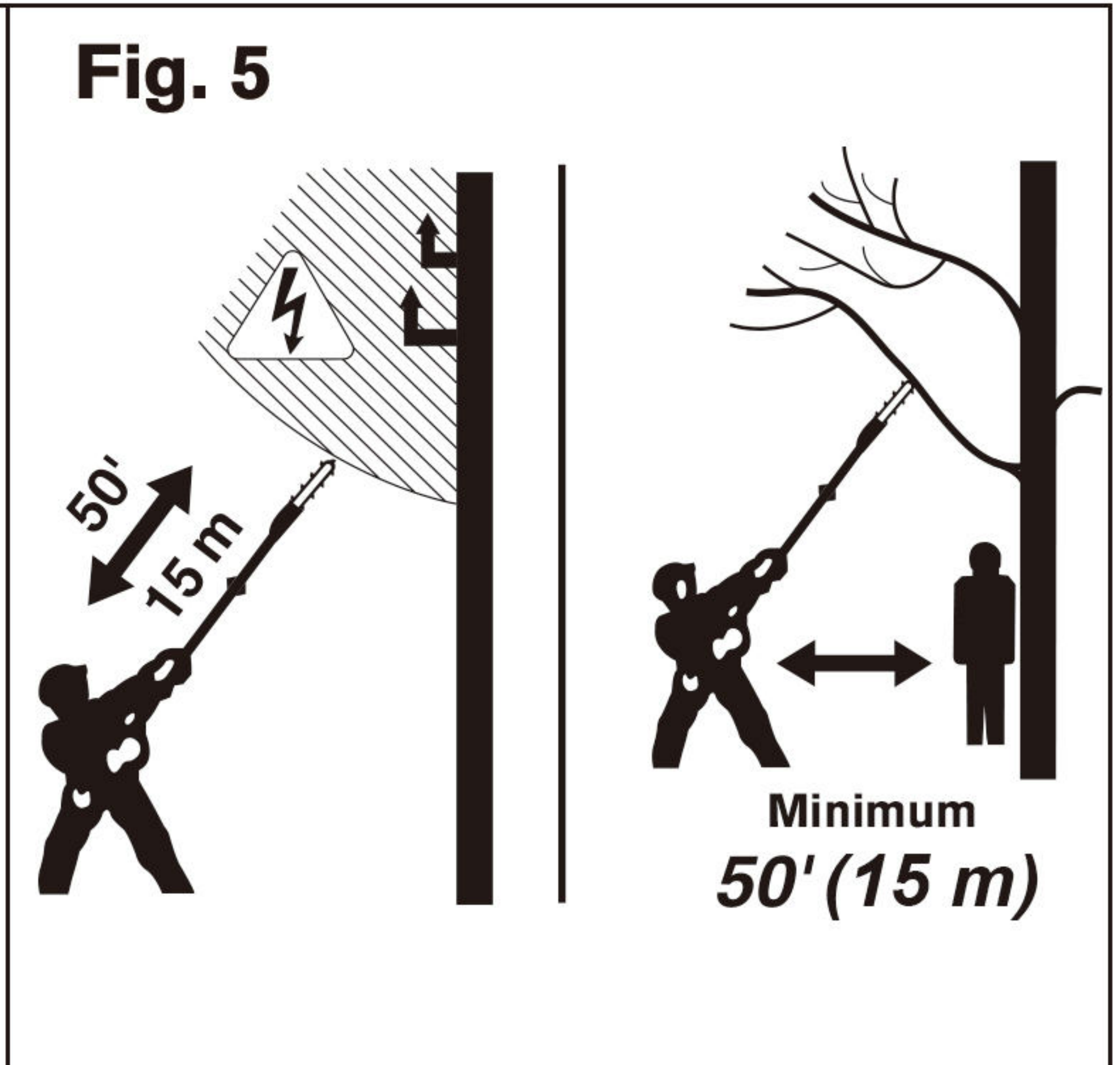
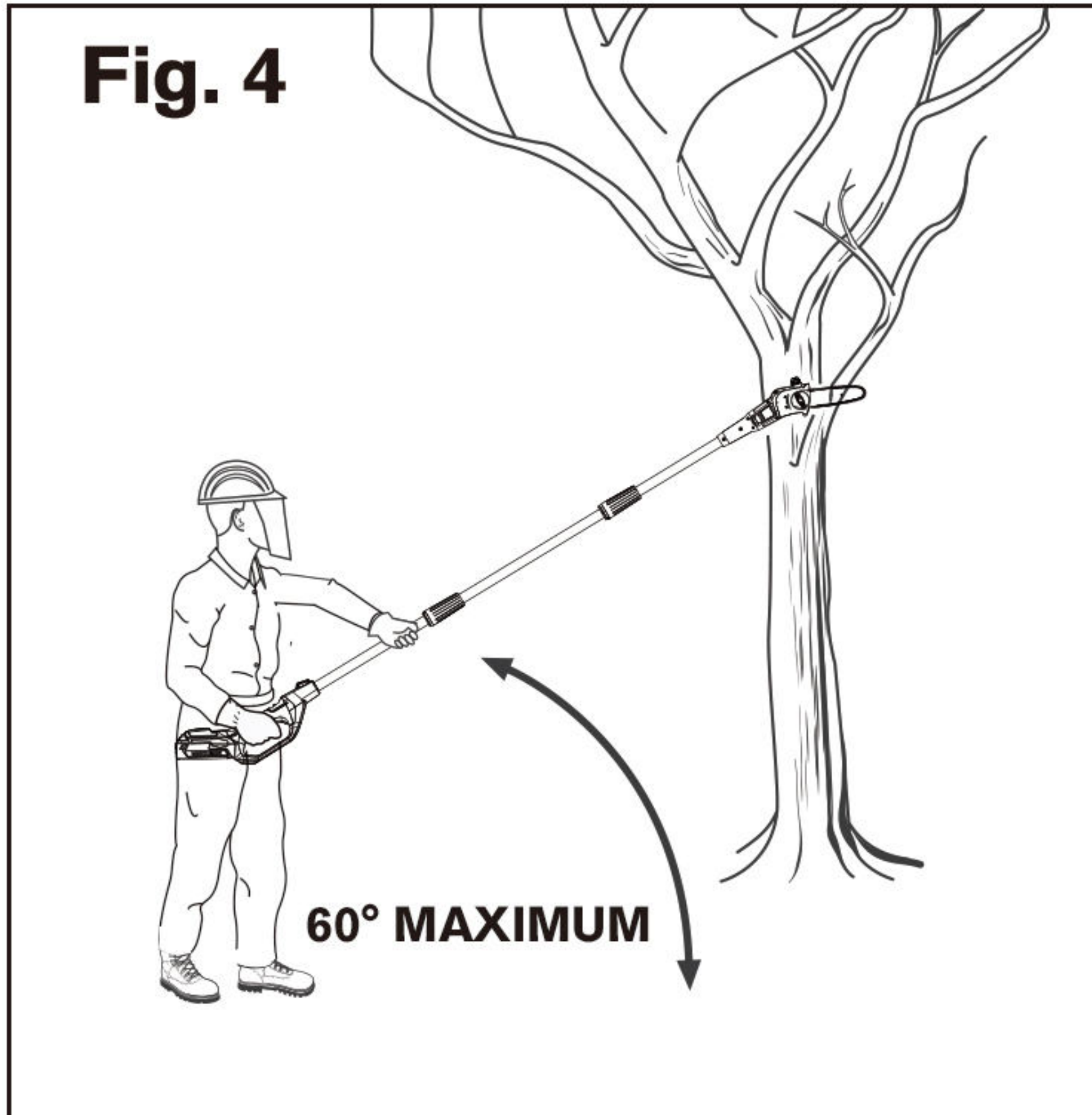
This pole saw attachment is designed for trimming small branches and limbs up to 8" in diameter. For best results, observe the following precautions.

- Plan the cut carefully. Be aware of the direction in which the branch will fall.



WARNING! Branches may fall in unexpected directions. Do not stand directly under the branch being cut.

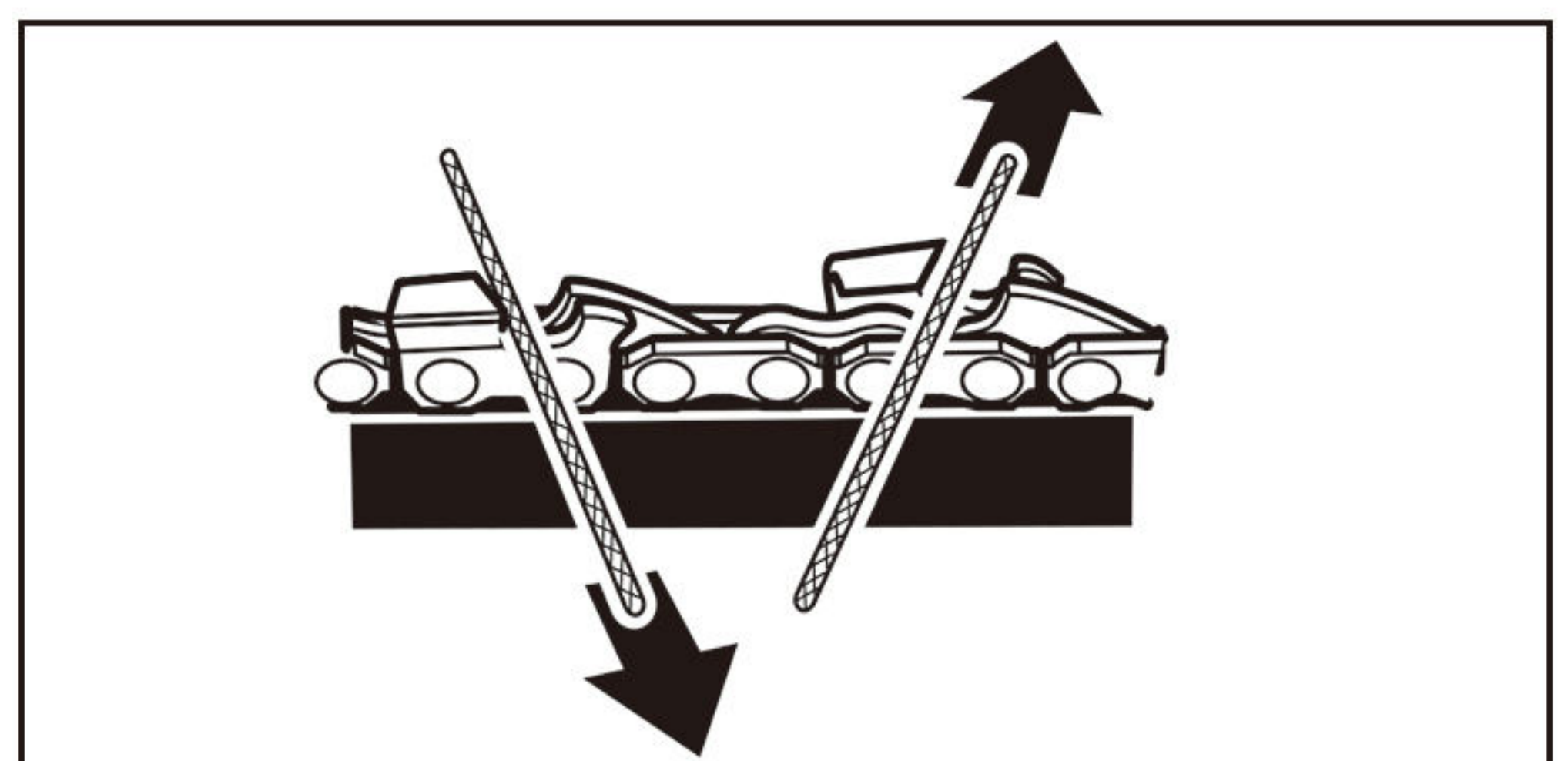
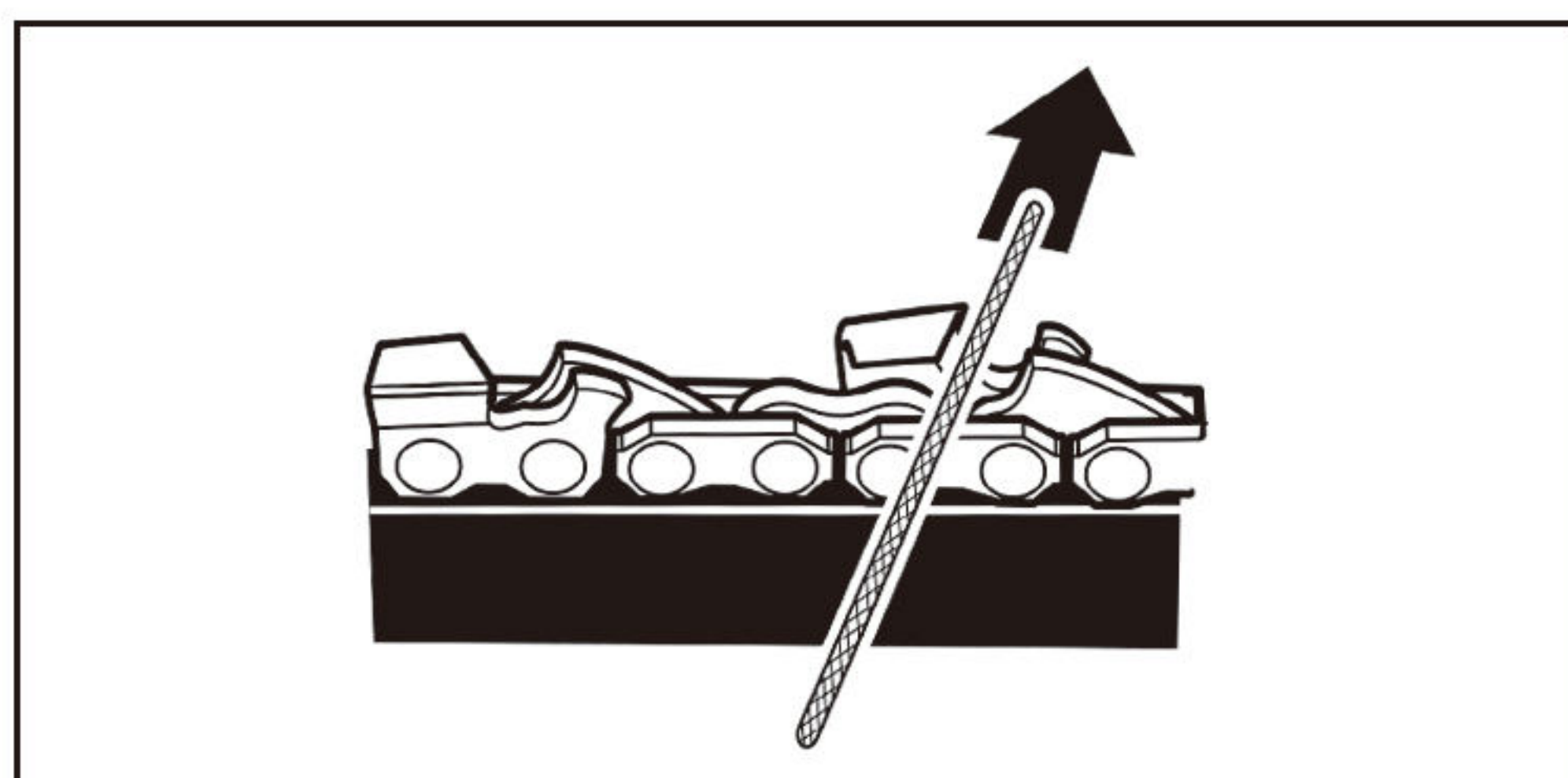
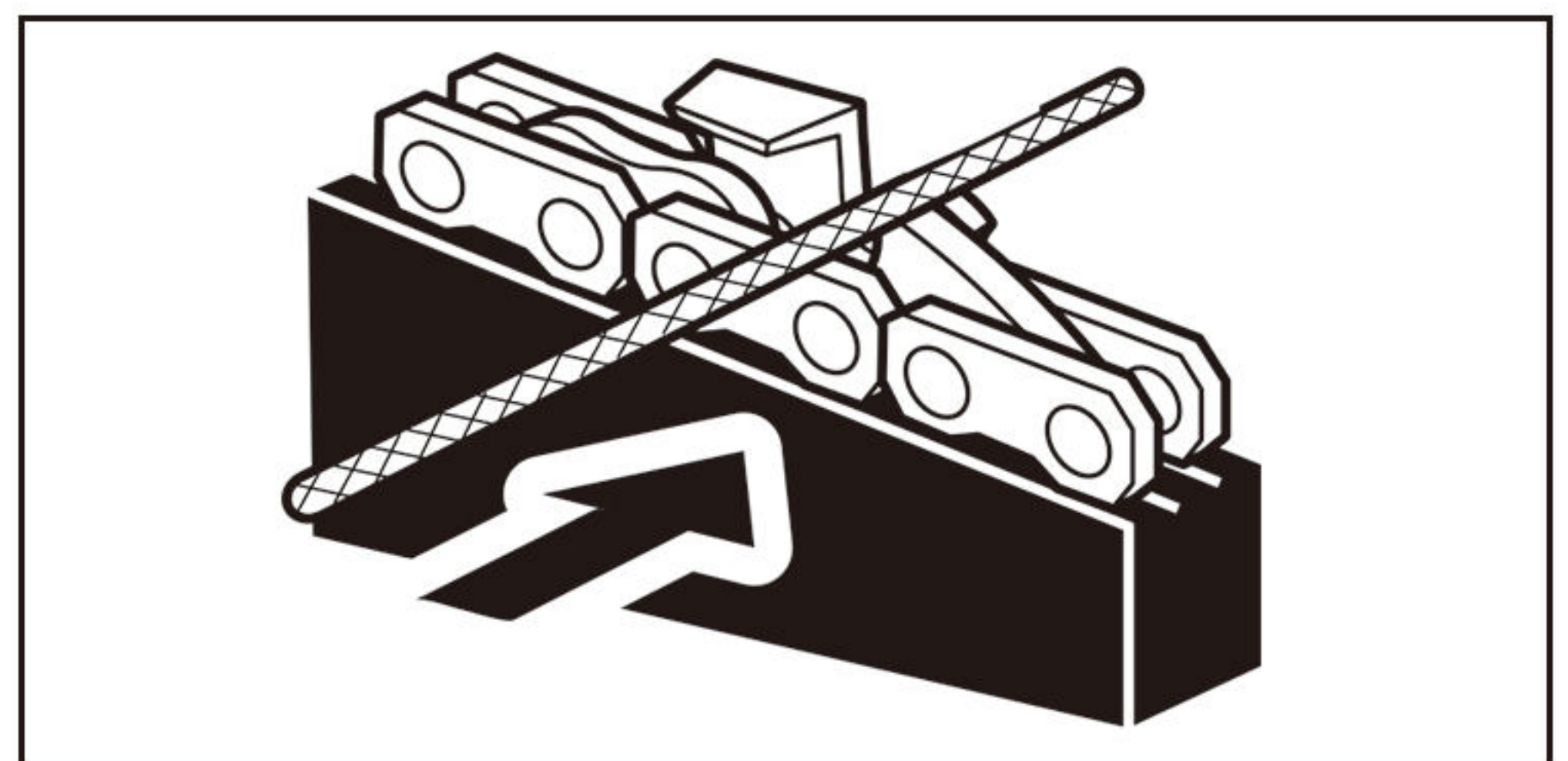
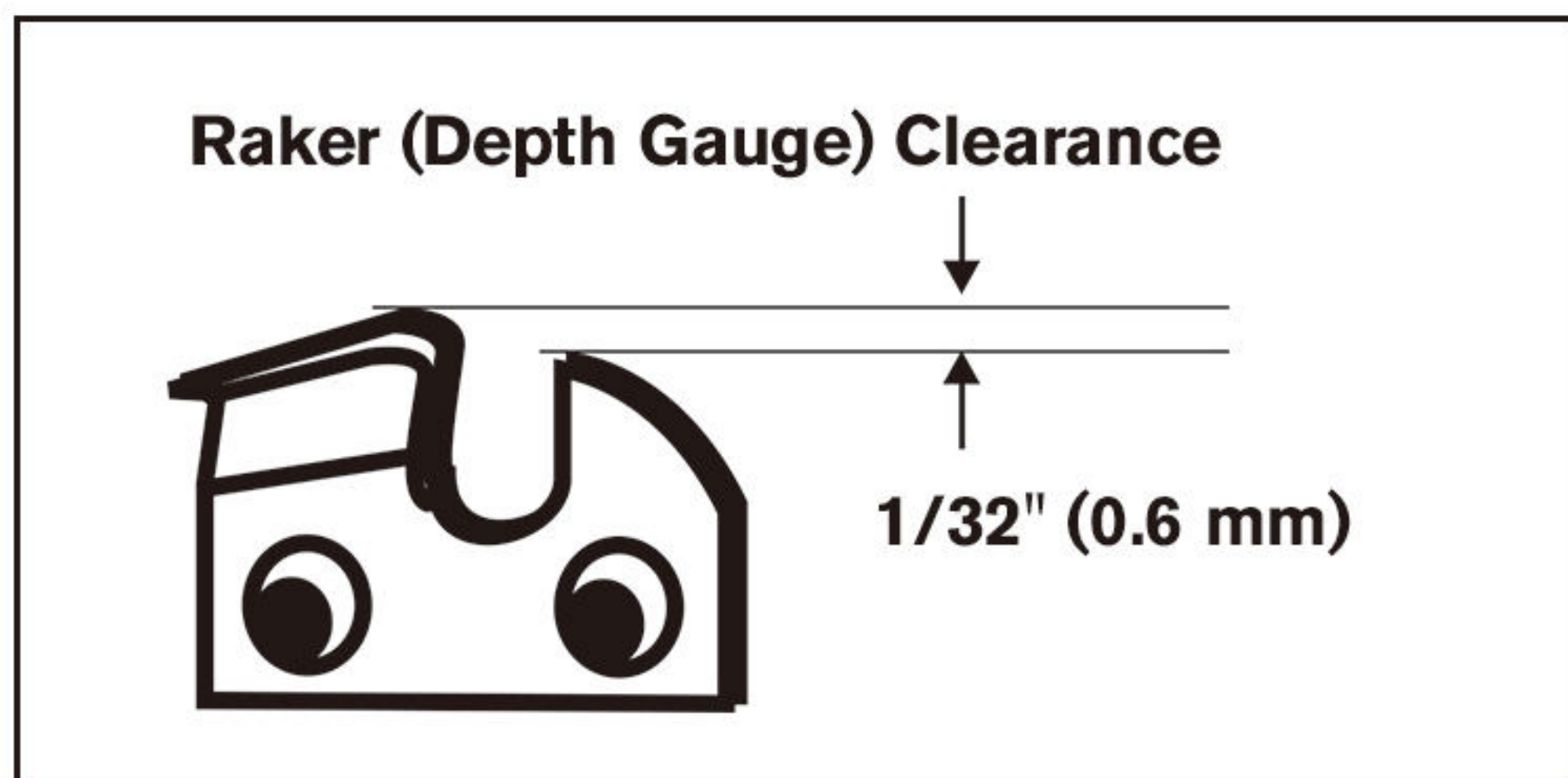
- The most typical cutting application is to position the unit at an angle of 60° or less, depending on the specific situation (Fig. 4). As the angle of the pole-saw shaft to the ground increases, the difficulty of making the first cut (from the underside of limb) increases.
- Remove long branches in several stages.
- Cut lower branches first to allow the top branches more room to fall.
- Work slowly, keeping both hands on the saw with a firm grip. Maintain secure footing and balance.
- Keep the tree between you and the chain while limbing. Cut from the side of the tree opposite the branch you are cutting.
- Do not cut from a ladder; this is extremely dangerous. Leave such operations for professionals.
- Do not make the flush cut next to the main limb or trunk until you have cut off much of limb to reduce the weight. Following proper cutting procedures will prevent stripping the bark from the main member.
- Do not use the pole saw for felling or bucking.
- To prevent electrocution, do not operate within 50 ft. (15m) of overhead electrical lines (Fig. 5).
- Keep bystanders at least 50 ft. (15m) away (Fig. 5).



MAINTENANCE

How To Sharpen The Chain

Be careful to file all cutters to the specified angles and to the same length, as fast cutting can be obtained only when all cutters are uniform.



Tighten the chain tension enough that the chain does not wobble. Do all of your filing at the mid-point of the bar. Wear gloves for protection.

Use a 5/32 in. diameter round file and holder.

Keep the file level with the top plate of the tooth. Do not let the file dip or rock.

Using light but firm pressure, stroke towards the front corner of the tooth. Lift file away from the steel on each return stroke.

Put a few firm strokes on every tooth. File all left hand cutters in one direction. Then move to the other side and file the right hand cutters in the opposite direction. Occasionally remove filings from the file with a wire brush.



CAUTION! Dull or improperly sharpened chain can cause excessive motor speed during cutting which may result in severe motor damage.



WARNING! Improper chain sharpening increases the potential of kickback. Failure to replace or repair damaged chain can cause serious injury.

Storing The Product

Clean all foreign material from the product. Store idle unit indoors in a dry and well-ventilated area that is inaccessible to children. Keep away from corrosive agents such as garden chemicals and de-icing salts.

Always place the scabbard on the saw bar when transporting or storing the pole chain saw. The scabbard is a snug fit and must be attached very carefully due to the sharp teeth on the saw chain. This is best done by grasping the scabbard at one end, in the center portion of the scabbard, and carefully sliding it over the chain as shown. Use caution to avoid the sharp teeth of the chain.

NOTE: The saw chain is very sharp. Always wear protective gloves when handling the chain.

TROUBLE SHOOTING



WARNING! Always remove the battery pack from the machine before carrying out any work on the machine and before cleaning.

PROBLEM	POSSIBLE CAUSE	REMEDY
<p>Motor does not run.</p>	<ul style="list-style-type: none"> ● The battery pack is not attached to the pole saw. ● No electrical contact between the saw and battery. ● The battery pack is depleted. ● The lock-off button is not depressed before pressing the trigger. ● The battery pack or power head is too hot. ● Saw chain is bound in the wood. ● Debris in bar groove. ● Debris in chain-sprocket cover. 	<ul style="list-style-type: none"> ● Attach the battery pack to the pole saw. ● Remove battery, check contacts and reinstall the battery pack. ● Charge the battery pack. ● Press down the lock-off lever and hold it, then depress the trigger to turn on the pole saw. ● Allow the battery pack or power head to cool until the temperature drops below 152°F (67°C). ● Release the trigger; remove the saw chain and guide bar from the wood, then restart the pole saw. ● Press the saw chain against the wood, move the pole saw back and forth to discharge the debris. ● Remove battery pack, then remove chain-sprocket cover and clean out debris.

<p>Motor runs, but chain does not rotate.</p>	<ul style="list-style-type: none"> ● Chain tension too tight. ● Check guide bar and chain assembly. ● Check guide bar and chain for damage. ● Chain does not engage drive sprocket 	<ul style="list-style-type: none"> ● Retention chain. Refer to Chain Tension earlier in this manual. ● Refer to Replacing the Bar and Chain earlier in this manual. ● Inspect guide bar and chain for damage. ● Remove the battery pack and reinstall the chain, making sure that the drive links on the chain are fully seated on the sprocket.
<p>Pole saw does not cut properly.</p>	<ul style="list-style-type: none"> ● Insufficient chain tension. ● Dull chain. ● Chain installed backwards. ● Worn chain. ● Dry or excessively stretched chain. ● Chain not in bar groove. 	<ul style="list-style-type: none"> ● Remove the battery pack and readjust the chain tension, following the section "ASSEMBLY THE CHAIN BAR AND CHAIN". ● Sharpen the chain cutters, following the section "How To Sharpen The Chain". ● Remove the battery pack and reinstall the saw chain, following the section "ASSEMBLY THE CHAIN BAR AND CHAIN". ● Remove the battery pack and replace the chain following the section "ASSEMBLY THE CHAIN BAR AND CHAIN". ● Check the oil level. Refill the oil tank if necessary. ● Remove the battery pack and reinstall the saw chain, following the section "ASSEMBLY THE CHAIN BAR AND CHAIN".
<p>Bar and chain running hot and smoking.</p>	<ul style="list-style-type: none"> ● Check chain tension for over tightened condition. ● Chain oil tank is empty. ● Debris in guide bar groove. 	<ul style="list-style-type: none"> ● Remove the battery pack and re-tension the saw chain; see the section "ASSEMBLY THE CHAIN BAR AND CHAIN". ● Filling bar and chain lubricant. ● Clear the debris in the groove.



WARNING! Never use solvents or other harsh chemicals for cleaning the non-metallic parts of the tool. These chemicals may weaken the plastic materials used in these parts. Use a cloth dampened only with water and mild soap. Never let any liquid get inside the tool; never immerse any part of the tool into a liquid.



WARNING! Shock hazard. Disconnect the charger from the AC outlet before cleaning. Dirt and grease may be removed from the exterior of the charger using a cloth or soft non-metallic brush. Do not use water or any cleaning solutions.

WARRANTY

Every KIMO power tool is warranted to the original purchaser only to be free from defects in material and workmanship. Subject to certain exceptions, KIMO will replace any part on an electric power tool that is defective in material or workmanship for a period of 2 years after the date of purchase unless otherwise noted. This warranty does not apply to damage from repairs made or attempted by anyone other than KIMO, misuse, alterations, abuse, normal wear and tear, lack of maintenance, or accidents.

Normal Wear: Many power tools need periodic parts replacement and service to achieve best performance. This warranty does not cover repair when normal use has exhausted the life of a part including, but not limited to, chucks, brushes, cords, saw shoes, blade clamps, o-rings, seals and driver blades.

Warranty Registration is not necessary to obtain the applicable warranty on a KIMO power tool product.

This warranty applies to product sold in the U.S.A. only.

If you have questions or comments, contact us at

✉ : **service@kimotools.com**

☎ : **833.711.0596 M-F 9AM-5PM EST**

EXTENDED WARRANTY REGISTRATION

Dear Customer,

Thank you very much for choosing KIMO. At KIMO, customer satisfaction is our highest priority. In order to provide the best services, we would like to offer you an extra 6-month limited warranty. Below is the free registration process.

To register our extended warranty for your KIMO product, please send your name, your email AND your Amazon order number to **Service@kimotools.com**. Our customer services representative will help you register within 24 hours.

Disclaimer: This policy is at the manufacturer's discretion.

Best Regards,
KIMO Customer Support