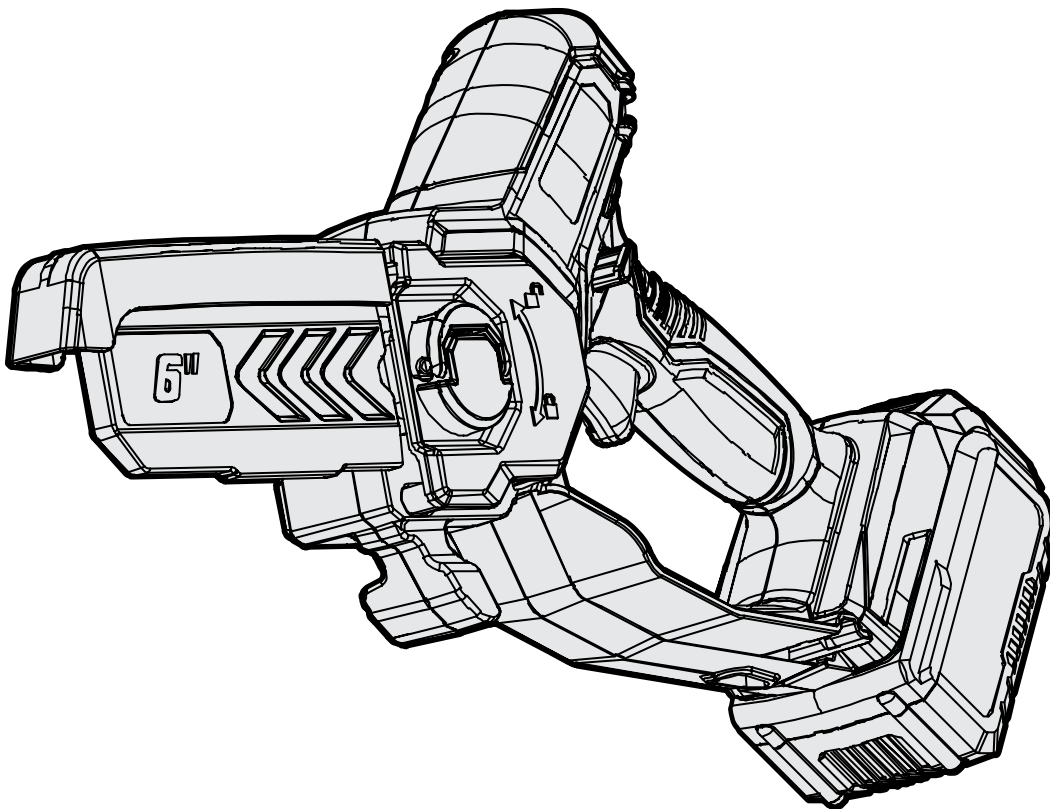




MODEL 20736

20V MAX CORDLESS 6-INCH MINI CHAINSAW

Instruction Manual



NEED HELP? CONTACT US!

Have product questions? Need technical support? Please feel free to contact us:



1-847-429-9263 (M-F 8AM-5PM CST)



TECHSUPPORT@WENPRODUCTS.COM

IMPORTANT: Your new tool has been engineered and manufactured to WEN's highest standards for dependability, ease of operation, and operator safety. When properly cared for, this product will supply you years of rugged, trouble-free performance. Pay close attention to the rules for safe operation, warnings, and cautions. If you use your tool properly and for its intended purpose, you will enjoy years of safe, reliable service.

For replacement parts and the most up-to-date instruction manuals, visit ***WENPRODUCTS.COM***

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To purchase accessories and replacement parts for your tool, visit **WENPRODUCTS.COM**

20V 2.0Ah Max Battery (Model 20202, 20202B)

20V 4.0Ah Max Battery (Model 20204, 20204B)

20V 5.0Ah Max Battery (Model 20205)

20V 8.0Ah Max Battery (Model 20208)

20V 2A Charger (Model 20200C)

20V 2A Dual Port Charger (Model 20200D)

20V 5A Quick Charger (Model 20201Q)



WEN plans to continue to add more items to our 20V line. For an up-to-date list of the 20V cordless tools compatible with the included battery and charger, visit **wenproducts.com**.

INTRODUCTION

Thanks for purchasing the WEN Pole Saw. We know you are excited to put your tool to work, but first, please take a moment to read through the manual. Safe operation of this tool requires that you read and understand this operator's manual and all the labels affixed to the tool. This manual provides information regarding potential safety concerns, as well as helpful assembly and operating instructions for your tool.

 Indicates danger, warning, or caution. The safety symbols and the explanations with them deserve your careful attention and understanding. Always follow the safety precautions to reduce the risk of fire, electric shock or personal injury. However, please note that these instructions and warnings are not substitutes for proper accident prevention measures.

NOTE: The following safety information is not meant to cover all possible conditions and situations that may occur. WEN reserves the right to change this product and specifications at any time without prior notice.

At WEN, we are continuously improving our products. If you find that your tool does not exactly match this manual, please visit **wenproducts.com** for the most up-to-date manual or contact our customer service at **1-847-429-9263**.

Keep this manual available to all users during the entire life of the tool and review it frequently to maximize safety for both yourself and others.

SPECIFICATIONS

Model Number	20736
Included Battery	4.0Ah Battery (Model 20204)
Included Charger	20V, 2A DC (Model 20200C)
No-Load Speed	3000 RPM
Chain Speed	16 ft/sec
Bar Length	6 Inches
Chain Pitch	0.3 Inches
Saw Chain	30 Drive Links
Chain Gauge	0.04 in. (1.1mm)
Product Weight	3.4 lbs (No Battery)
Product Dimensions	17.9 in. x 8.6 in. x 3.1 in.

Battery Models**	All WEN 20V MAX Batteries**
Charger Models	All WEN 20V MAX Chargers

****NOTE:** Some tools may not be compatible with WEN 20V MAX 1.5Ah Batteries, model 49120B. Contact WEN customer service at **1-847-429-9263**, M-F with questions.

GENERAL SAFETY RULES

 **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.

Safety is a combination of common sense, staying alert and knowing how your item works. The term “power tool” in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

SAVE THESE SAFETY INSTRUCTIONS.

WORK AREA SAFETY

- 1. Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- 2. 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.
- 3. Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

ELECTRICAL SAFETY

- 1. 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.
- 2. 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.
- 3. Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- 4. 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.
- 5. 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.

- 6. If operating a power tool in a damp location is unavoidable, use a ground fault circuit interrupter (GFCI) protected supply.** Use of a GFCI reduces the risk of electric shock.

PERSONAL SAFETY

- 1. 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.
- 2. Use personal protective equipment. Always wear eye protection.** Protective equipment such as a respiratory mask, non-skid safety shoes and hearing protection used for appropriate conditions will reduce the risk of personal injury.
- 3. 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.
- 4. 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.
- 5. Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- 6. Dress properly. Do not wear loose clothing or jewelry. Keep your hair and clothing away from moving parts.** Loose clothes, jewelry or long hair can be caught in moving parts.

GENERAL SAFETY RULES

 **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.

Safety is a combination of common sense, staying alert and knowing how your item works. The term “power tool” in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

SAVE THESE SAFETY INSTRUCTIONS.

7. If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.

POWER TOOL USE AND CARE

1. 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.

2. 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.

3. 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.

4. 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.

5. 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.

6. Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

7. 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.

8. Use clamps to secure your workpiece to a stable surface. Holding a workpiece by hand or using your body to support it may lead to loss of control.

9. KEEP GUARDS IN PLACE and in working order.

SERVICE

1. 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.

CALIFORNIA PROPOSITION 65 WARNING

Some dust created by power sanding, sawing, grinding, drilling, and other construction activities may contain chemicals, including lead, known to the State of California to cause cancer, birth defects, or other reproductive harm. Wash hands after handling. Some examples of these chemicals are:

- Lead from lead-based paints.
- Crystalline silica from bricks, cement, and other masonry products.
- Arsenic and chromium from chemically treated lumber.

Your risk from these exposures varies depending on how often you do this type of work. To reduce your exposure to these chemicals, work in a well-ventilated area with approved safety equipment such as dust masks specially designed to filter out microscopic particles.

MINI CHAINSAW SAFETY WARNINGS

 **WARNING!** Do not operate the power tool until you have read and understood the following instructions and the warning labels.

MINI CHAINSAW SAFETY

1. TOOL PURPOSE. This chainsaw is designed for sawing wood. Sawing other types of materials may result in serious injuries, machine damage and voiding of the warranty.

2. Keep all parts of the body away from the saw chain when the chainsaw is operating. Before you start the chainsaw, make sure the saw chain is not contacting anything. A moment of inattention while operating the chain saw may cause entanglement of your clothing or body with the saw chain.

3. Always hold the mini chainsaw with your dominant hand. Maintain control.

4. Only hold the power tool by the insulated gripping surfaces to avoid electric shock in case the saw chain contacts hidden wiring. Saw chains contacting a live wire may make exposed metal parts of the power tool live and can give the operator an electric shock.

5. Wear safety glasses and hearing protection. Protective equipment for hands, legs, head and feet is also highly recommended. Protective clothing greatly reduces the risk of personal injury from loose debris or accidental contact with the saw chain.

6. Do not operate the chainsaw while standing in a tree. Only operate the chainsaw from a firm, level surface fixed on the ground.

7. Always keep proper footing during operation. Slippery or unstable surfaces such as ladders may cause a loss of balance or control.

8. When cutting a limb that is under tension, be alert for spring back. When tension from wood fibers and branches is suddenly released, the limb may fly in unpredictable ways, possibly resulting in kickback and injury to the user.

9. Use extreme caution when cutting brush and saplings. The slender material may catch the saw chain, whipping towards you or pulling you off balance.

10. Carry the chainsaw by the handle with the chainsaw switched off, the battery disconnected, and the chain away from your body. When transporting or storing the chainsaw, always protect the blade with a scabbard (blade cover).

11. Routinely lubricate, adjust chain tension, and check chain for dullness. Follow these instructions closely to minimize kickback and maximize the lifespan of the tool.

12. Keep handles dry, clean and free of oil and grease. Slippery handles increase the chances of losing control.

13. Before beginning each day, check the chain guard for proper operation. It should spring back over the bar and chain, but not contact the chain. If the guard does not operate properly, do not operate the chainsaw until the chain guard is repaired.

14. Do not disable the chain guard. Doing so significantly increases the risk of injury.

15. Only use this chainsaw to cut wood. Do not cut plastic, masonry, or other non-wood materials. Do not use this chainsaw for anything other than its intended purpose. Let the saw work at its own pace.

MINI CHAINSAW SAFETY WARNINGS

 **WARNING!** Do not operate the power tool until you have read and understood the following instructions and the warning labels.

REDUCING KICKBACK

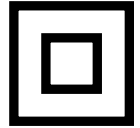
Kickback can occur when the tip of the guide bar touches an object or when the wood closes in and pinches the saw chain inside of the cut. Tip contact can kick the guide bar up and back towards the operator. Pinching the saw chain along the top of the guide bar can push the bar rapidly towards the operator. Either of these reactions may cause a loss in control of the pole saw, increasing the chances of serious personal injury. Do not rely on the safety devices built into the saw. Pole saw users should take as many precautions as possible to minimize on-site accidents. Kickback is the result of tool misuse and/or incorrect operating procedures. These conditions can be minimized with the following steps:

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

ELECTRICAL INFORMATION (CHARGER)

DOUBLE-INSULATED CHARGER

The charger's electrical system is double-insulated where two systems of insulation are provided. This eliminates the need for the usual three-wire grounded power cord. Double-insulated tools do not need to be grounded, nor should a means for grounding be added to the product. All exposed metal parts are isolated from the internal metal components with protecting insulation.



IMPORTANT: Servicing a double-insulated product requires extreme care and knowledge of the system, and should be done only by qualified service personnel using identical replacement parts. Always use original factory replacement parts when servicing.

1. Polarized Plugs. To reduce the risk of electric shock, this equipment has a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install a proper outlet. Do not modify the machine plug or the extension cord in any way.

2. Ground fault circuit interrupter protection (GFCI) should be provided on the circuit or outlet used for this power tool to reduce the risk of electric shock.

3. Service and repair. To avoid danger, electrical appliances must only be repaired by a qualified service technician using original replacement parts.

GUIDELINES AND RECOMMENDATIONS FOR EXTENSION CORDS

When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage, resulting in loss of power and overheating. The table below shows the correct size to be used according to cord length and ampere rating. When in doubt, use a heavier cord. The smaller the gauge number, the heavier the cord.

AMPERAGE	REQUIRED GAUGE FOR EXTENSION CORDS			
	25 ft.	50 ft.	100 ft.	150 ft.
2A	18 gauge	16 gauge	16 gauge	14 gauge

1. Examine extension cord before use. Make sure your extension cord is properly wired and in good condition. Always replace a damaged extension cord or have it repaired by a qualified person before using it.

2. Do not abuse extension cord. Do not pull on cord to disconnect from receptacle; always disconnect by pulling on plug. Disconnect the extension cord from the receptacle before disconnecting the product from the extension cord. Protect your extension cords from sharp objects, excessive heat and damp/wet areas.

3. Use a separate electrical circuit for your tool. This circuit must not be less than a 12-gauge wire and should be protected with a 15A time-delayed fuse. Before connecting the motor to the power line, make sure the switch is in the OFF position and the electric current is rated the same as the current stamped on the motor nameplate. Running at a lower voltage will damage the motor.

BATTERY & CHARGER SAFETY WARNINGS

Despite all of the safety precautions, caution must always be taken when handling batteries. The following points must be obeyed at all times to ensure safe use. Safe use can only be guaranteed if undamaged cells are used. Incorrect handling of the battery pack can cause cell damage.

- **Avoid dangerous environments** – Do not charge the battery pack in rain, snow or in damp or wet locations. Do not use the battery pack or charger in the presence of explosive atmospheres (gaseous fumes, dust or flammable materials) because sparks may be generated when inserting or removing the battery pack, which could lead to a fire.

- **Charge in a well-ventilated area** – Do not block the charger vents. Keep them clear to allow for proper ventilation. Do not allow smoking or open flames near a charging battery pack. Vented gases may explode.

NOTE: The safe temperature range for the battery charging is 41°F to 104°F. Do not charge the battery outside in freezing weather; charge it at room temperature.

- **Maintain charger cord** – When unplugging the charger, pull the plug, not the cord, from the receptacle to reduce the risk of damage to the electrical plug and cord. Never carry the charger by its cord or yank it by the cord to disconnect it from the receptacle. Keep the cord away from heat, oil and sharp edges. Make sure the cord will not be stepped on, tripped over or subjected to damage or stress when the charger is in use. Do not use the charger with a damaged cord or plug. Replace a damaged charger immediately.

- **Do not use an extension cord unless it is absolutely necessary** – Using the wrong, damaged or improperly wired extension cord poses a risk of fire and electric shock. If an extension cord must be used, plug the charger into a properly wired 16 gauge or larger extension cord with the female plug matching the male plug on the charger. Make sure that the extension cord is in good electrical condition.

- **Charger is rated for 120 volt AC only** – The charger must be plugged into an appropriate receptacle.

- **Use only recommended attachments** – Use of an attachment not recommended or sold by WEN Products may result in risk of fire, electric shock or personal injury.

- **Unplug charger when not in use** – Make sure to remove battery packs from unplugged chargers.

 **WARNING!** To reduce the risk of electric shock, always unplug the charger before performing any cleaning or maintenance. Do not allow water to flow into the charger. Use a Ground Fault Circuit Interrupter (GFCI) to reduce shock hazards.

- **Do not burn or incinerate battery packs** – Battery packs may explode, causing personal injury or damage. Toxic fumes and materials are created when battery packs are burned.

- **Do not crush, drop or damage battery packs** – Do not use the battery pack or charger if they have sustained a sharp blow, been dropped, run over or have been damaged in any way (i.e. pierced with a nail, hit with a hammer, stepped on, etc.).

- **Do not disassemble** – Incorrect reassembly may pose a serious risk of electric shock, fire or exposure to toxic battery chemicals. If the battery or charger are damaged, call WEN customer service at **1-847-429-9263** for assistance.

- **Battery chemicals cause serious burns** – Never let a damaged battery pack contact the skin, eyes or mouth. If a damaged battery pack leaks battery chemicals, use rubber or neoprene gloves to safely dispose of it. If skin is exposed to battery fluids, wash the affected area with soap and water and rinse with vinegar. If eyes are exposed to battery chemicals, immediately flush with water for 20 minutes and seek medical attention. Remove and dispose of contaminated clothing.

- **Store your battery pack and charger in a cool, dry place** – Do not store the battery pack or charger where temperatures may exceed 104 °F, such as in direct sunlight or inside a vehicle or metal building during the summer.

- **Do not short circuit** – A battery pack will short circuit if a metal object makes a connection between the positive and negative contacts on the battery pack. Do not place a battery pack near anything that may cause a short circuit, such as paper clips, coins, keys, screws, nails and other metallic objects. A short-circuited battery pack poses a risk of fire and severe personal injury.

BATTERY & CHARGER SAFETY WARNINGS

ABOUT THE BATTERY

1. The battery pack has to be charged completely before you use the tool for the first time.
2. For optimum battery performance, avoid low discharge cycles by charging the battery pack frequently.
3. Lithium-ion batteries are subject to a natural aging process. The battery pack must be replaced at the latest when its capacity falls to just 80% of its capacity when new. Weakened cells in an aged battery pack are no longer capable of meeting the high power requirements needed for the proper operation of your tool, and therefore pose a safety risk.
4. Do not throw battery packs into an open fire as this poses a risk of explosion. Do not ignite the battery pack or expose it to fire.
5. Do not exhaustively discharge batteries. Exhaustive discharge will damage the battery cells. The most common cause of exhaustive discharge is lengthy storage or non-use of partially discharged batteries. Stop working as soon as the performance of the battery falls noticeably or the electronic protection system triggers. Place the battery pack in storage only after it has been fully charged.
6. Protect batteries and the tool from overloads. Overloads will quickly result in overheating and cell damage inside the battery housing even if this overheating is not apparent externally.
7. Avoid damage and shocks. Immediately replace batteries that have been dropped from a height of more than one meter or those that have been exposed to violent shocks, even if the housing of the battery pack appears to be undamaged. The battery cells inside the battery may have suffered serious damage. In such instances, please read the waste disposal information for proper battery disposal.
8. If the battery pack suffers overloading and overheating, the integrated protective cutoff will switch off the equipment for safety reasons.
9. Use only original battery packs. The use of other batteries poses a fire risk and may result in injuries or an explosion.

ABOUT THE CHARGER

Protect battery charger and cord from damage. Keep the charger and its cord away from heat, oil and sharp edges.

Electrical plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with grounded appliances. Unmodified plugs and matching outlets will reduce the risk of electric shock.

Keep the battery charger, battery pack(s), and the cordless tool out of the reach of children.

Do not use the supplied battery charger to charge other cordless tools.

During periods of heavy use, the battery pack will become warm. Allow the battery pack to cool to room temperature before inserting it into the charger to recharge.

Do not overcharge batteries. Do not exceed the maximum charging times. These charging times only apply to discharged batteries. Frequent insertion of a charged or partially charged battery pack will result in overcharging and cell damage. Do not leave battery in the charger for days on end.

Never use or charge a battery if you suspect that it has been more than 12 months since last time they were charged. There is a high probability that the battery pack has already suffered dangerous damage (exhaustive discharge).

Do not use batteries that have been exposed to heat during the charging process, as the battery cells may have suffered dangerous damage.

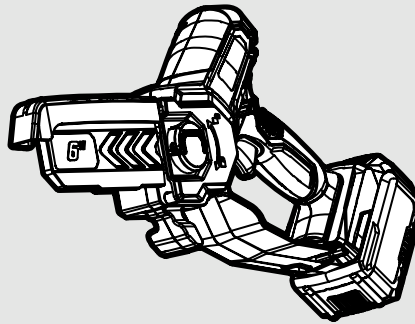
Do not use batteries that have suffered curvature or deformation during the charging process or those that exhibit other atypical symptoms (gassing, hissing, cracking, etc.)

UNPACKING & PACKING LIST

UNPACKING

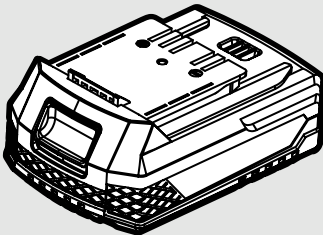
With the help of a friend or trustworthy foe, such as one of your in-laws, carefully remove the mini chainsaw from the packaging and place it on a sturdy, flat surface. Make sure to take out all contents and accessories. Do not discard the packaging until everything is removed. Check the packing list below to make sure you have all of the parts and accessories. If any part is missing or broken, please contact customer service at **1-847-429-9263** (M-F 8-5 CST), or email techsupport@wenproducts.com.

Components

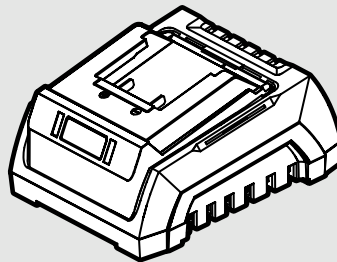


Mini Chainsaw (1)

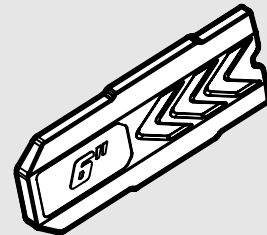
Accessories



20V 4.0Ah Battery (1)



20V Charger (1)

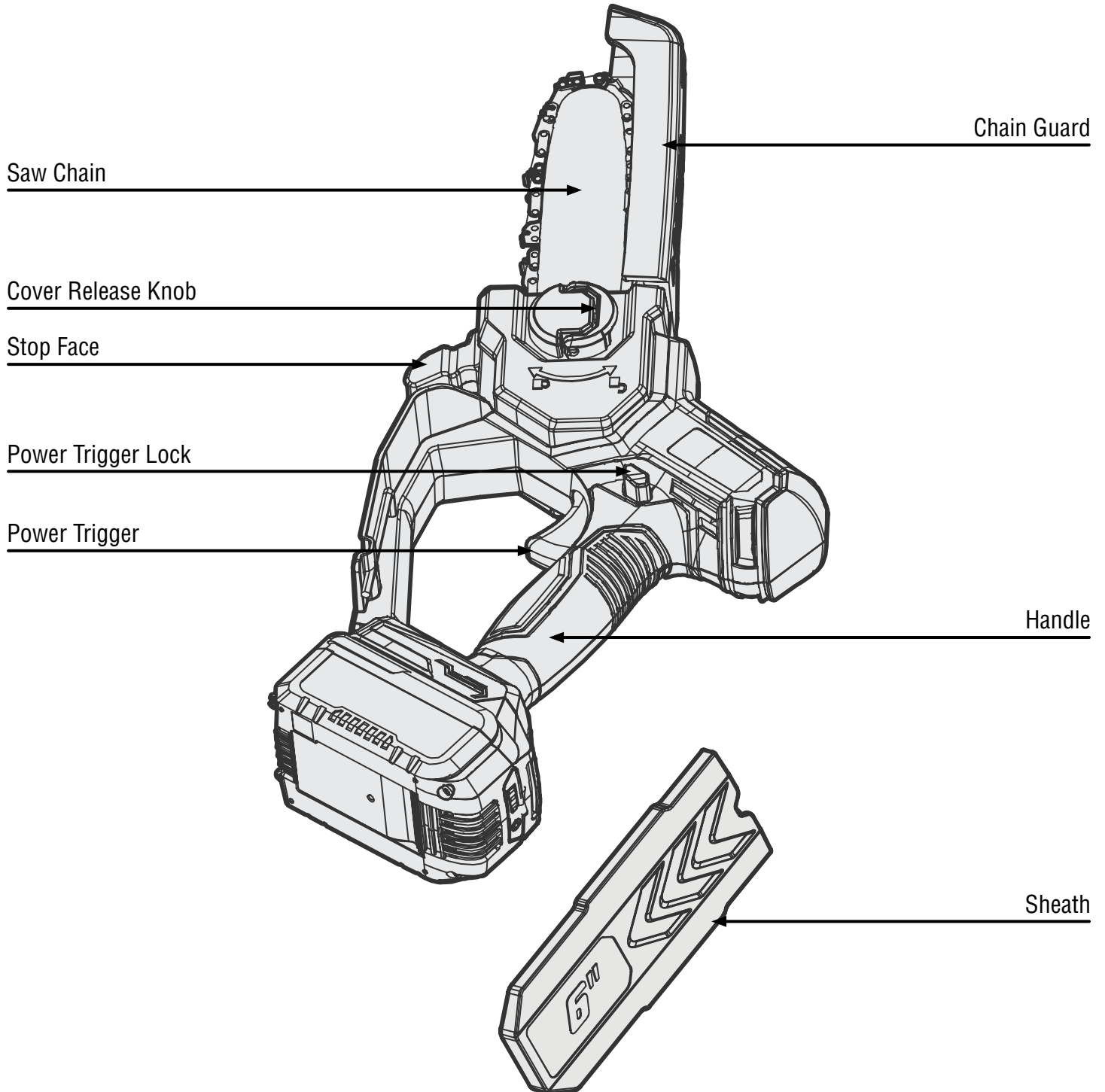


Sheath (1)

KNOW YOUR MINI CHAINSAW

TOOL PURPOSE

Easily break down branches with your Mini Chainsaw. Refer to the following diagrams to become familiarized with all the parts and controls of your mini chainsaw. The components will be referred to later in the manual for assembly and operation instructions.



ASSEMBLY & ADJUSTMENTS

 **WARNING!** To avoid injury from accidental startups, be sure that the tool is switched OFF and the battery is removed from the tool before inspecting the unit, making adjustments, or changing accessories.

CHARGING THE BATTERY PACK

The 20V battery pack for this tool is supplied in a low charge condition to prevent possible problems, and must be charged completely before you use the tool for the first time.

1. Connect charger to a 120V, 60Hz AC outlet. The green lights on the charger will illuminate, indicating that the charger is powered.
2. Slide the battery all the way into the charger port until it clicks. The red light on the corresponding charger port will illuminate, indicating that the battery is charging.

Charging Indication:

- Solid Green: Ready to Charge
- Solid Red: Charging
- Solid Green: Charged

3. When the battery is charged, the red light will turn off and the green light will turn on. Remove the battery from the charger and unplug the charger from the power supply.

NOTE: Battery will not reach full charge the first time it is charged. Allow several cycles for the battery to fully charge. The battery pack may become warm while charging; this is normal. If the battery is hot after continuous use in the tool, allow it to cool to room temperature before charging. This will prolong the life of your battery.

The battery pack is equipped with three LED battery life indication lights. Press and hold the power button on the front or rear of the battery to check the battery's charge status.

Battery Life Indication:

- Three Lights: The battery is fully charged.
- Two Lights: The battery is about 60% charged.
- One Light: The battery is almost out of power and needs to be charged.

INSERTING AND REMOVING THE BATTERY

1. To install the battery, slide the battery pack into the battery port. Make sure the release latch on the rear side of the battery pack snaps into place and the battery is secure before beginning operation.
2. To remove the battery pack, press the battery release latch on the front of the battery and pull the battery pack out.

ASSEMBLY & ADJUSTMENTS

⚠ WARNING! To avoid injury from accidental startups, be sure that the tool is switched OFF and the battery is removed from the tool before inspecting the unit, making adjustments, or changing accessories.

LUBRICATING THE SAW CHAIN

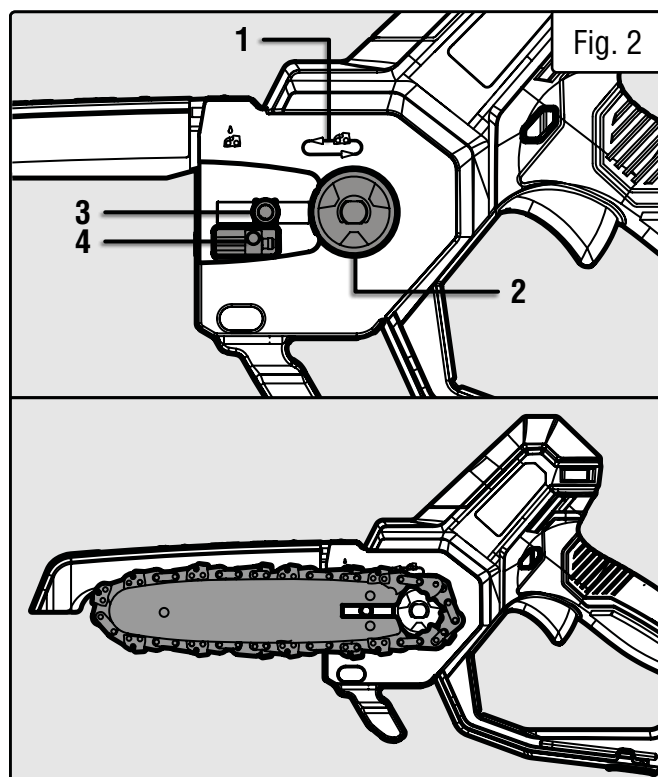
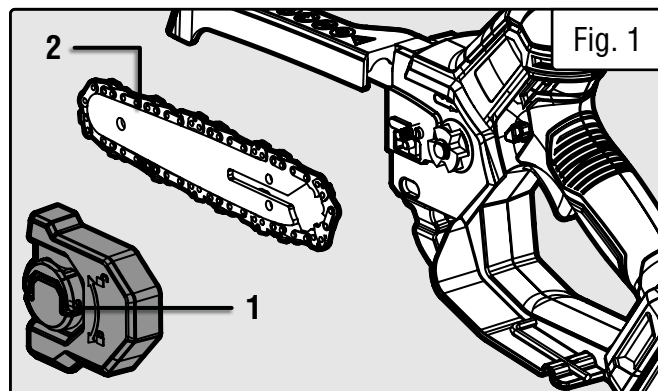
Lubricate the saw chain with saw chain oil before each operation. If the saw chain is not correctly lubricated, the risk of wear on the guide bar, saw chain, and chain drive sprocket increases.

Only use dedicated bar and chain oil designed for chainsaws. Other oils will run the risk of damaging the unit and voiding the warranty.

Take note of temperature conditions. Using the saw at various temperatures requires the use of differing oils. To ensure a sufficient layer of lubricant at lower temperatures, use lower-viscosity oil.

ASSEMBLING THE GUIDE BAR & SAW CHAIN

1. Place the saw body on a firm and level surface.
2. Turn the cover release knob (Fig. 1 - 1) counterclockwise to remove the cover from the saw's body.
3. While wearing protective gloves, wrap the saw chain around the guide bar (Fig. 1 - 2), making sure that the teeth are aimed in the direction of rotation (Fig. 2 - 1). The chain should be properly set in the slot running along the entire outside edge of the guide bar.
4. Place the saw chain around the sprocket (Fig. 2 - 2) while lining up the slot in the guide bar with the bolt (Fig. 2 - 3) at the base of the saw and the chain tensioning pin (Fig. 2 - 4) in the guide bar's pin hole. The chain tensioning pin may need adjustment (see next section) to properly align with the hole in the guide bar.
5. While holding the bar still, place the cover back onto the saw. Adjust the tension (next section).



ASSEMBLY & ADJUSTMENTS

⚠ WARNING! To avoid injury from accidental startups, be sure that the tool is switched OFF and the battery is removed from the tool before inspecting the unit, making adjustments, or changing accessories.

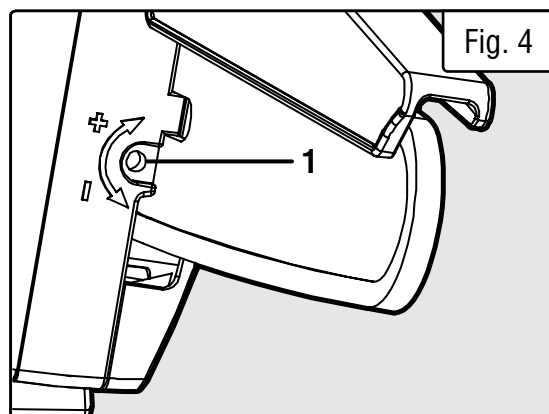
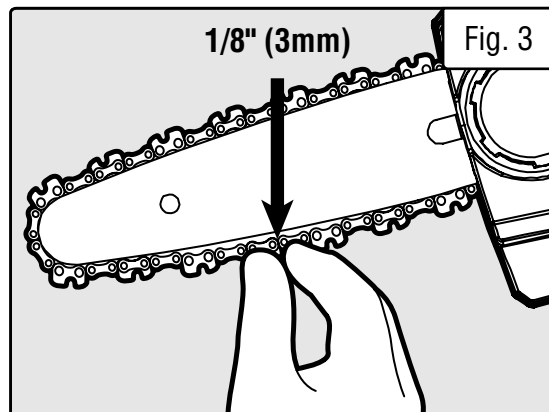
TENSIONING THE SAW CHAIN

⚠ WARNING! When handling saw chains, always wear protective gloves to prevent injury.

NOTE: The saw chain must be tensioned properly in order to ensure safe operation. The chain tension is optimal if the saw chain can be lifted 1/8 inch (3mm) from the center of the guide bar. Since the saw chain heats up during operation, its length can therefore fluctuate. Check the chain tension every 10 minutes of operation and adjust as necessary, particularly for new saw chains. Slacken the saw chain after the work is completed since it shortens when cooling down. In doing so, you can elongate the chain's life and prevent damage.

1. Check the chain tension by pulling the saw chain away from the guide bar. A properly tensioned chain should have roughly 1/8 inch (3 mm) of distance between itself and the bar guide (Fig. 3).

2. To adjust the saw chain tension, adjust the tension adjustment screw (Fig. 4 - 1) with a Phillips-head screwdriver (not included). Clockwise rotation increases the tension while counter-clockwise rotation decreases tension. A properly tensioned chain should have no sag and should only be able to be pulled 1/8 inch (3mm) away from the guide bar of the saw. Do not over-tension the chain: this will lead to excessive wear and reduce the life of both the bar and chain.



OPERATION

PREPARING FOR OPERATION

Before each use, check the following items to ensure safe working conditions.

CHAINSAW: Before beginning work, inspect the chainsaw for damage to the housing, the saw chain, and the guide bar. Never use an obviously damaged machine. Check that the chain guard operates properly.

CHAIN OIL: Check that the saw chain has been properly lubricated before beginning operation.

SAW CHAIN: Check the tension of the saw and the condition of the chain. The sharper the saw chain is, the easier and more manageable operations will be. The same applies for the chain tension. Check the tension every 10 minutes of operation to maximize safety. New saw chains in particular are subject to changes due to the heat created by operation. Never allow the saw chain to contact dirt or soil.

PROTECTIVE CLOTHING: Make absolutely sure to wear the appropriate close-fitting protective clothing, such as protective pants, gloves and safety shoes. Wear a safety helmet with integrated hearing protection and a face guard to provide protection against falling and recoiling branches.

SAFETY WARNINGS

1. In order to ensure safe work, do not operate the saw at an angle of over 60 degrees.
2. Never stand below a branch that is being sawed.
3. Exercise caution when sawing branches under tension or branches that are splintering.
4. Make sure to safeguard against the risk of injury from falling branches and flying wood projectiles.
5. If the machine is operating, keep people and animals away from the area.
6. The machine is not protected against electric shock when coming into contact with high-voltage lines. Maintain a minimum clearance of 30 feet from current-carrying power lines to avoid life-threatening electric shock.
7. When working on an incline, always stand above or to the side of the branch being sawed.
8. Allow the chain to cut for you. Keep the saw running at full speed for the entire duration of the cut.

PREVENTING KICKBACK

The term kickback refers to when the saw suddenly jumps up and back. This is usually caused by the workpiece coming into contact with the guide bar tip or the clamping of the saw chain.

A kickback generates an abrupt powerful force. The saw usually reacts in an uncontrolled manner, creating the possibility of injury to the user.

The danger of a kickback is greatest when attempting to cut near or with the guide bar tip. Always apply the saw as flatly as possible in order to avoid a loss of control during operation.

OPERATION

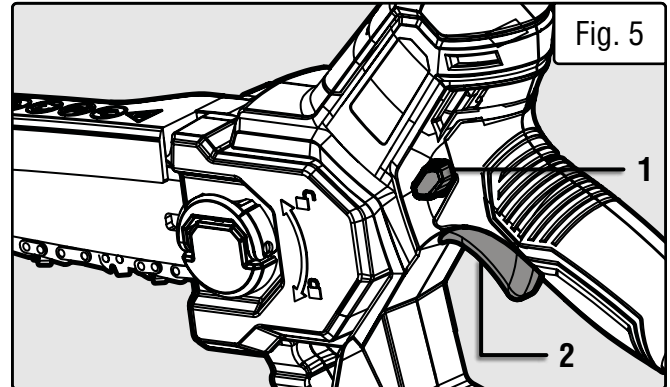
⚠ WARNING! Do not cut down trees in high wind conditions. This can result in injury and should only be performed by a trained professional.

POWERING ON / OFF THE CHAINSAW

1. Install the battery. Slide the battery pack into the battery port. Make sure the release latch on the battery pack snaps into place and the battery is secure before beginning operation.

To turn the tool ON: Press the power trigger lock (Fig. 5 - 1) to unlock the power trigger. With the power lock pressed, press the power trigger (Fig. 5 - 2) to start the chainsaw.

To turn the tool OFF: Release the power trigger. Once operation is complete, remove the battery from the chainsaw.



SAWING TECHNIQUES

When removing branches, hold the pole saw at an angle ranging from 0 to 60° in order to avoid being struck by a falling branch. The saw should never be operated directly above anyone's head.

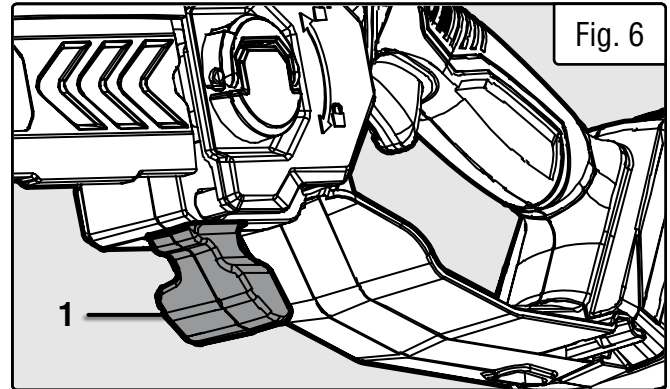
Saw off the lower branches on the tree first. By doing so, it is easier for the cut branches to fall to the ground.

At the end of the cut, the weight of the saw suddenly increases for the user since it is no longer being supported by a branch. There is a risk of losing control of the saw, so make sure to stay alert during the entire sawing operation.

Only pull the saw out of a cut while the saw is running. By doing so, you prevent the chain from jamming in the wood.

Do not saw with the tip of the guide bar. Do not saw into the branch formations (where the tree branches outwards). This will impede the tree's ability to heal.

For sawing off smaller branches, place the stop face (Fig. 6 - 1) of the saw on the branch. This prevents unwanted movements of the saw at the beginning of the cut. While applying light pressure, guide the saw through the branch from top to bottom.



OPERATION

⚠ WARNING! Do not cut down trees in high wind conditions. This can result in injury and should only be performed by a trained professional.

SAWING TECHNIQUES (CONT.)

For sawing off larger branches, first make a relief cut. Saw through 1/3 of the branch diameter from the bottom to top using the top side of the guide bar. Then saw from top to bottom for the other 2/3 using the bottom side of the guide bar. Saw off longer branches in sections in order to maintain control over the location of impact (Fig. 7).

BUCKING A LOG

Bucking is cutting a log into lengths. It is important to make sure your footing is firm and your weight is evenly distributed on both feet. When possible, the log should be raised and supported by the use of limbs, logs or chocks. Follow these simple directions for easy cutting.

When the log is supported along its entire length (Fig. 8), it is cut from the top (overbuck).

When the log is supported on one end (Fig. 9), cut 1/3 the diameter from the underside (underbuck). Then make the finished cut by overbucking to meet the first cut.

When the log is supported on both ends (Fig. 10), cut 1/3 the diameter from the top (overbuck). Then make the finished cut by underbucking the lower 2/3 to meet the first cut.

When bucking on a slope always stand on the uphill side of the log. When cutting through, to maintain complete control, release the cutting pressure near the end of the cut without relaxing your grip on the chain saw handles. Don't let the chain contact the ground. After completing the cut, wait for the saw chain to stop before you move the chain saw. Always stop the motor before moving from tree to tree.

NOTE: Never allow the saw chain to contact dirt or soil, doing so will severely dull the cutting links and shorten the life of the chain.

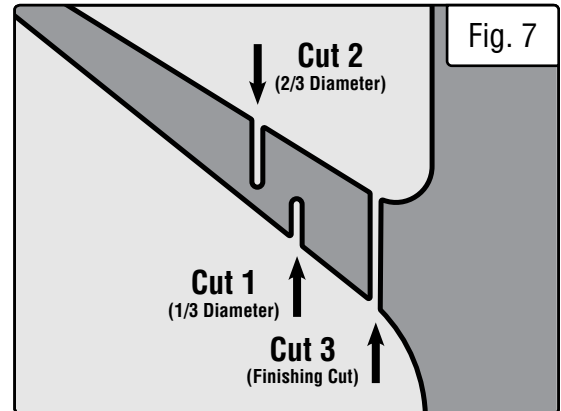


Fig. 7

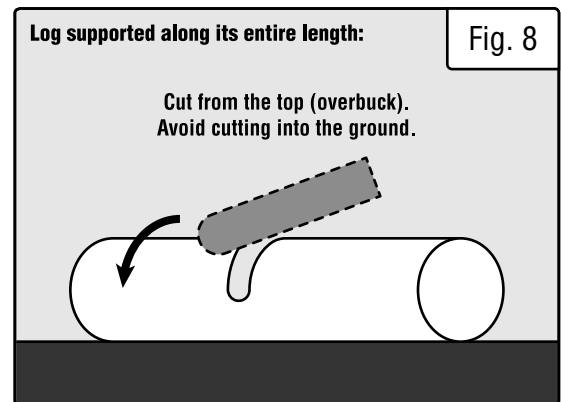


Fig. 8

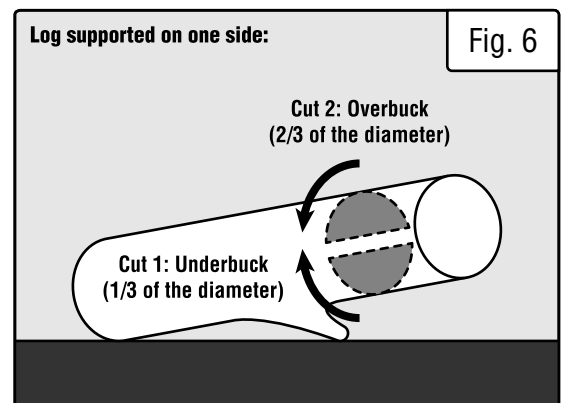


Fig. 9

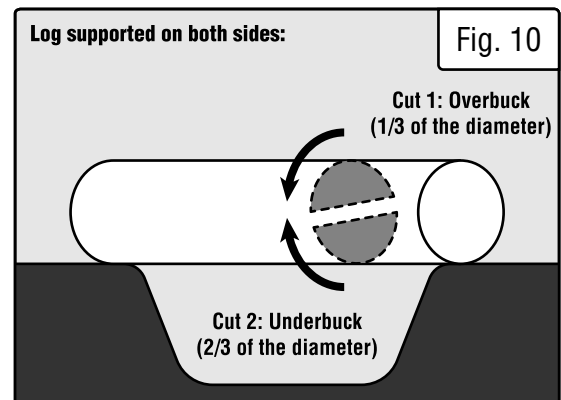


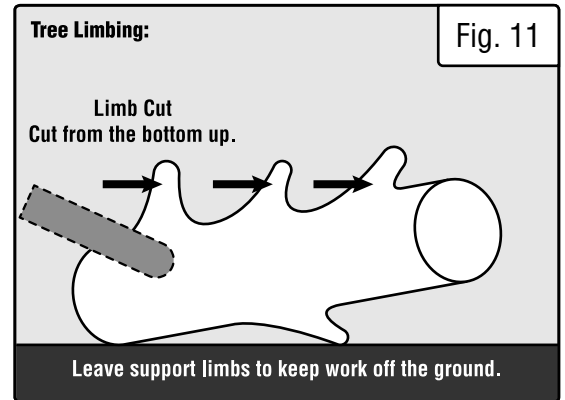
Fig. 10

OPERATION

⚠ WARNING! Do not cut down trees in high wind conditions. This can result in injury and should only be performed by a trained professional.

LIMBING A TREE

Limbing is removing the branches from a fallen tree. When limbing leave larger lower limbs to support the log off the ground. Remove the small limbs in one cut (Fig. 11). Branches under tension should be cut from the bottom up to avoid binding the chain saw.



MAINTENANCE

⚠ WARNING! To avoid accidents, turn the tool OFF and remove the battery from the battery terminal before cleaning, adjusting, or performing any maintenance or lubrication work.

⚠ WARNING! Any attempt to repair or replace electrical parts on this tool may be hazardous. Servicing of the tool must be performed by a qualified technician. When servicing, use only identical WEN replacement parts. Use of other parts may be hazardous or induce product failure.

ROUTINE INSPECTION

Before each use, inspect the general condition of the tool. If any of these following conditions exist, do not use until parts are replaced or the sharpener is properly repaired.

Check for:

- Loose hardware or improper mounting
- Misalignment or binding of moving parts
- Damaged battery or battery terminal
- Cracked or broken parts
- Any other condition that may affect its safe operation

CLEANING & STORAGE

1. Brush or blow dust and debris out of the air vents using compressed air or a vacuum. Keep the air vents free of obstructions, sawdust, and wood chips. Do not spray, wash, or immerse the air vents in water.

2. Wipe off the housing and the plastic components using a moist, soft cloth. Do not use strong solvents or detergents on the plastic housing or plastic components. Certain household cleaners may cause damage, and may cause a shock hazard.

3. Routinely clean out the dust and debris that gathers under the tension housing, the oil outlet, and around the bar and the chain sprocket. Otherwise it can jam up the sprocket, the chain, and the lubrication system.

4. If the pole saw is not used for an extended period of time, remove the chain oil from the tank. Briefly place the chain and the guide bar in an oil bath and then wrap in oil paper to dry.

LUBRICATION

All bearings and gears are sealed and permanently lubricated. No further lubrication is required.

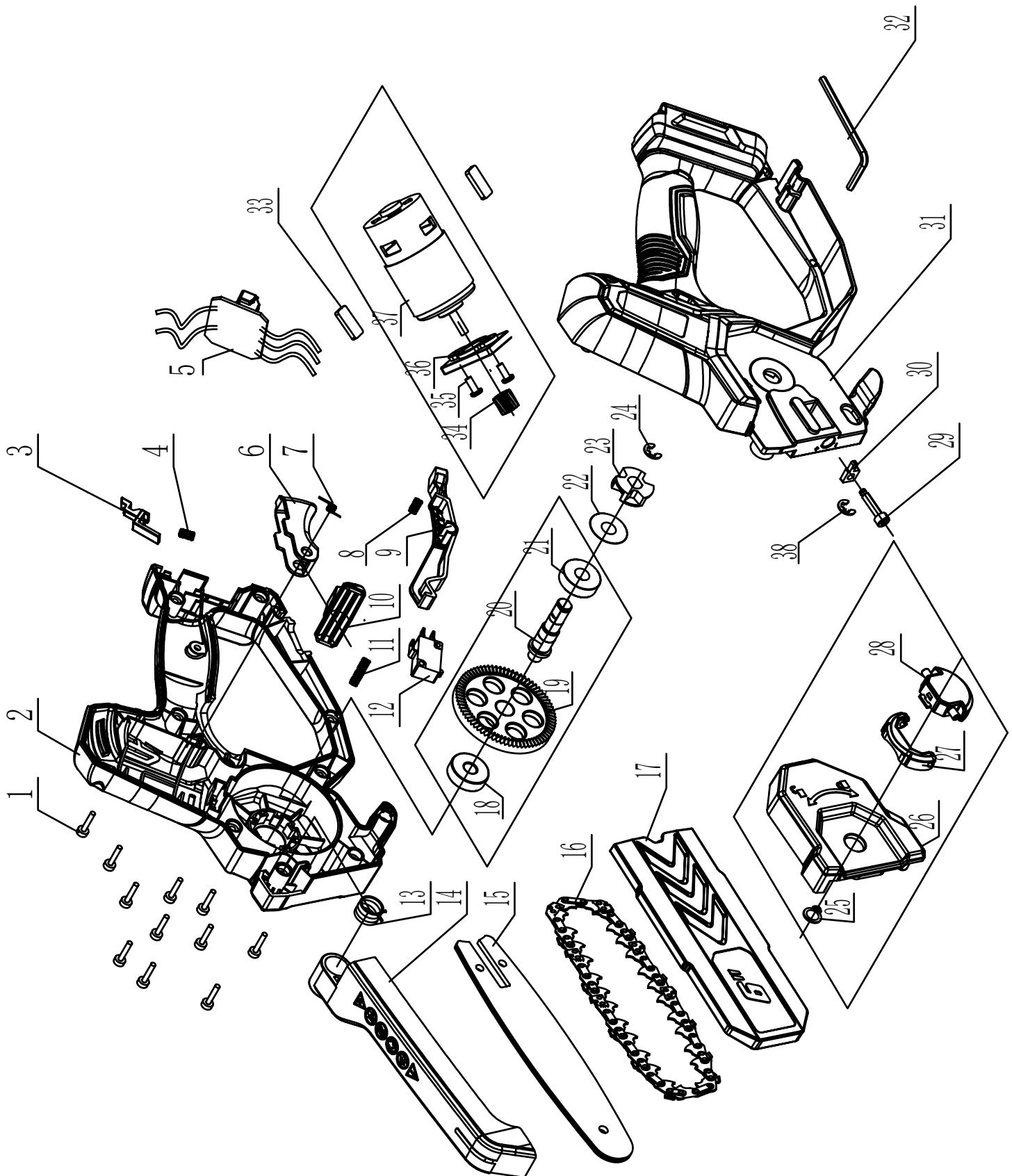
STORING THE BATTERY AND CHARGER

- Make sure the battery is fully charged before storage in order to maximize the life of the battery.
- Do not store the battery pack on the tool. Remove the battery from the tool before storage.
- After charging, the battery pack may be stored in the charger, as long as the charger is not plugged in.
- Store the charger at normal room temperature. Do not store it in excessive heat. Do not use the charger in direct sunlight or in damp conditions. Do not charge outside. Recharge at room temperature.
- Keep the charger clean and clear of debris. Do not allow foreign material to get into the recessed cavity or onto the contacts. Wipe the charger clean with a dry cloth. Do not use solvents or water, and do not place the charger in wet conditions.
- Always unplug the charger when charging is complete. Never leave your charger plugged in if it is not charging a battery.

PRODUCT DISPOSAL

Used power tools should not be disposed of together with household waste. This product contains electronic components that should be recycled. Please take this product to your local recycling facility for responsible disposal and to minimize its environmental impact.

EXPLODED VIEW & PARTS LIST



NOTE: Not all parts may be available for purchase. Parts and accessories that wear down over the course of normal use are not covered under the warranty.

EXPLODED VIEW & PARTS LIST

NO.	PART NO.	DESCRIPTION	QTY.
1	20736-001	Screw ST4x16	12
2	20736-002	Right Housing	1
3	20736-003	Reset Button	1
4	20736-004	Reset Spring	1
5	20736-005	PCB	1
6	20736-006	Trigger	1
7	20736-007	Trigger Spring	1
8	20736-008	Rod Spring	1
9	20736-009	Rod	1
10	20736-010	Safety Button	1
11	20736-011	Spring	1
12	20736-012	Micro Switch	1
13	20736-013	Guard Torsion Spring	1
14	20736-014	Guard	1
15	20736-015	6-Inch Bar	1
16	20736-016	6-Inch Chain	1
17	20736-017	Chain Cover	1
18	20736-018	Bearing 629Z	1
19	20736-019	Gear	1
20	20736-020	Output Shaft	1

NO.	PART NO.	DESCRIPTION	QTY.
21	20736-021	Bearing 6000RS	1
22	20736-022	Felt Washer	1
23	20736-023	Chain Sprocket	1
24	20736-024	Snap Ring	1
25	20736-025	Circlip	1
26	20736-026	Chain Cover	1
27	20736-027	Locking Knob Handle	1
28	20736-028	Locking Knob	1
29	20736-029	Chain Tension Hex-Bolt	1
30	20736-030	Lock Sheet	1
31	20736-031	Left Housing	1
32	20736-032	Allen Key	1
33	20736-033	Rubber Pad	2
34	20736-034	Gear	1
35	20736-035	Crosshead Combination Screw	2
36	20736-036	Motor Mount	1
37	20736-037	Motor	1
38	20736-038	Snap Ring	1

NOTE: Not all parts may be available for purchase. Parts and accessories that wear down over the course of normal use are not covered under the warranty.

WARRANTY STATEMENT

WEN Products is committed to building tools that are dependable for years. Our warranties are consistent with this commitment and our dedication to quality.

LIMITED WARRANTY OF WEN PRODUCTS FOR HOME USE

GREAT LAKES TECHNOLOGIES, LLC ("Seller") warrants to the original purchaser only, that all WEN consumer power tools will be free from defects in material or workmanship during personal use for a period of two (2) years from date of purchase or 500 hours of use; whichever comes first. Ninety days for all WEN products if the tool is used for professional or commercial use. Purchaser has 30 days from the date of purchase to report missing or damaged parts.

SELLER'S SOLE OBLIGATION AND YOUR EXCLUSIVE REMEDY under this Limited Warranty and, to the extent permitted by law, any warranty or condition implied by law, shall be the replacement of parts, without charge, which are defective in material or workmanship and which have not been subjected to misuse, alteration, careless handling, misrepair, abuse, neglect, normal wear and tear, improper maintenance, or other conditions adversely affecting the Product or the component of the Product, whether by accident or intentionally, by persons other than Seller. To make a claim under this Limited Warranty, you must make sure to keep a copy of your proof of purchase that clearly defines the Date of Purchase (month and year) and the Place of Purchase. Place of Purchase must be a direct vendor of Great Lakes Technologies, LLC. Purchasing through third party vendors, including but not limited to garage sales, pawn shops, resale shops, or any other secondhand merchant, voids the warranty included with this product. Contact tech-support@wenproducts.com or 1-847-429-9263 with the following information to make arrangements: your shipping address, phone number, serial number, required part numbers, and proof of purchase. Damaged or defective parts and products may need to be sent to WEN before the replacements can be shipped out.

Upon the confirmation of a WEN representative, your product may qualify for repairs and service work. When returning a product for warranty service, the shipping charges must be prepaid by the purchaser. The product must be shipped in its original container (or an equivalent), properly packed to withstand the hazards of shipment. The product must be fully insured with a copy of the proof of purchase enclosed. There must also be a description of the problem in order to help our repairs department diagnose and fix the issue. Repairs will be made and the product will be returned and shipped back to the purchaser at no charge for addresses within the contiguous United States.

THIS LIMITED WARRANTY DOES NOT APPLY TO ITEMS THAT WEAR OUT FROM REGULAR USAGE OVER TIME, INCLUDING BELTS, BRUSHES, BLADES, BATTERIES, ETC. ANY IMPLIED WARRANTIES SHALL BE LIMITED IN DURATION TO TWO (2) YEARS FROM DATE OF PURCHASE. SOME STATES IN THE U.S. AND SOME CANADIAN PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

IN NO EVENT SHALL SELLER BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING BUT NOT LIMITED TO LIABILITY FOR LOSS OF PROFITS) ARISING FROM THE SALE OR USE OF THIS PRODUCT. SOME STATES IN THE U.S. AND SOME CANADIAN PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE IN THE U.S., PROVINCE TO PROVINCE IN CANADA AND FROM COUNTRY TO COUNTRY.

THIS LIMITED WARRANTY APPLIES ONLY TO ITEMS SOLD WITHIN THE UNITED STATES OF AMERICA, CANADA AND THE COMMONWEALTH OF PUERTO RICO. FOR WARRANTY COVERAGE WITHIN OTHER COUNTRIES, CONTACT THE WEN CUSTOMER SUPPORT LINE. FOR WARRANTY PARTS OR PRODUCTS REPAIRED UNDER WARRANTY SHIPPING TO ADDRESSES OUTSIDE OF THE CONTIGUOUS UNITED STATES, ADDITIONAL SHIPPING CHARGES MAY APPLY.

**THANKS FOR
REMEMBERING**

