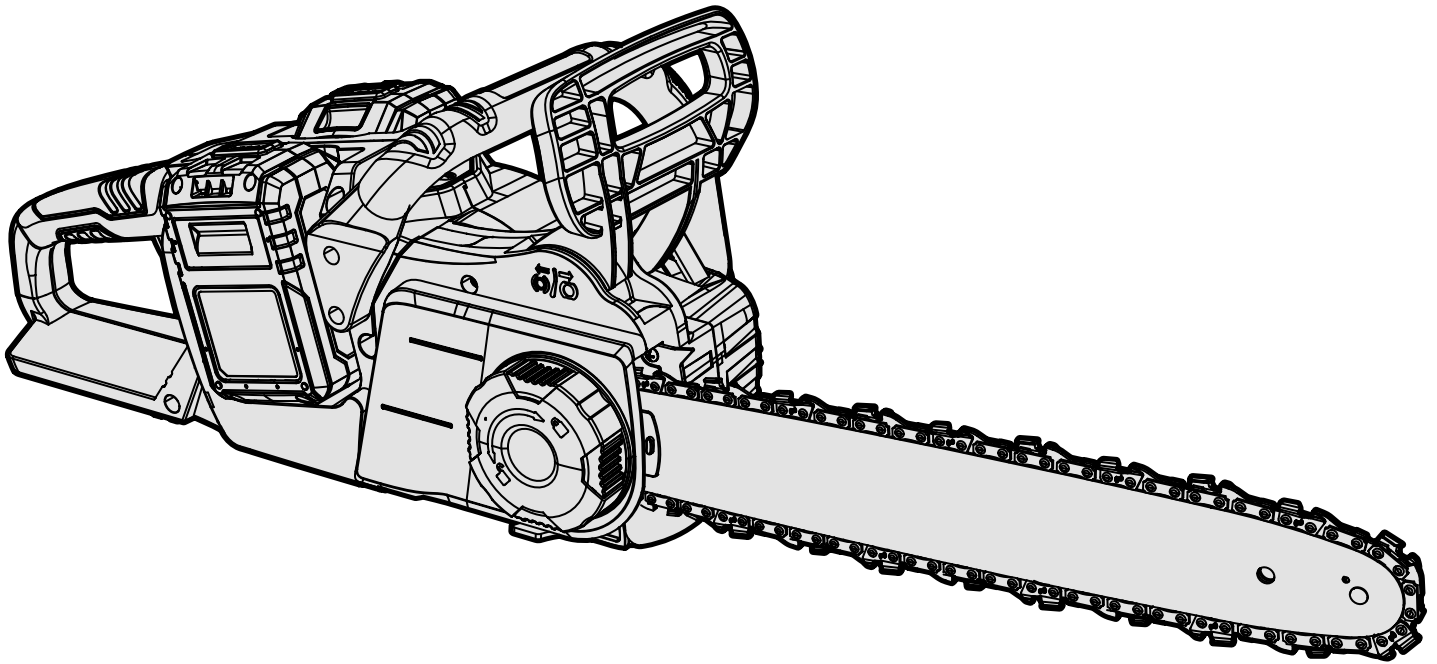




MODEL 20754, 20754BT

20V MAX BRUSHLESS 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, 20202D)
20V 4.0Ah Max Battery (Model 20204, 20204B, and 20204D)
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)
Replacement Guide Bar (Part 20754-058)
Replacement Saw Chain (Part 20754-056)

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 Chainsaw. 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	20754, 20754BT
Included Batteries*	4.0Ah Batteries (Model 20204)*
Included Charger*	Dual Port Charger, 20V, 4A DC (Model 20224D)*
Guide Bar	14 in.
Saw Chain	14 in., 53 Drive Links
Maximum Cutting Capacity	13 in. (33 cm)
No-Load Speed	50 ft/sec
Chain Gauge	0.05 in.
Chain Pitch	3/8 in.
Sharpening File Size	0.2 in. (4mm)
Oil Tank Capacity	7.4 fl. oz. (220ml)
Oil Type	Standard Bar and Chain Oil
Product Weight	7.1 lbs (Bare Tool)
Product Dimensions	31.1 in. x 8.5 in. x 8.7 in.

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

***NOTE:** Battery and charger only included with model 20754. 20754BT does not include a battery or charger.

****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.

CHAINSAW SAFETY WARNINGS

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

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 chainsaw may cause entanglement of your clothing or body with the saw chain.

3. Always hold the chainsaw with your right hand on the rear handle and your left hand on the front handle. Holding the chainsaw in the opposite manner can result in an increased risk of serious injury to the user and should never be done.

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.

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 chainsaw, increasing the chances of serious personal injury. Do not rely on the safety devices built into the saw. Chainsaw 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:

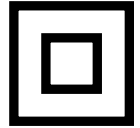
- 1. Maintain a firm grip, with thumbs and fingers encircling the chainsaw handles.** Both hands should be on the saw with your body and arms in a position to resist kickback forces. Kickback forces can be controlled by the operator, if proper precautions are taken. Do not let go of the chainsaw.
- 2.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

These safety instructions can't possibly warn of every scenario that may arise with this tool, always make sure to stay alert and use common sense during operation.

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.
4A	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 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**.

PACKING LIST

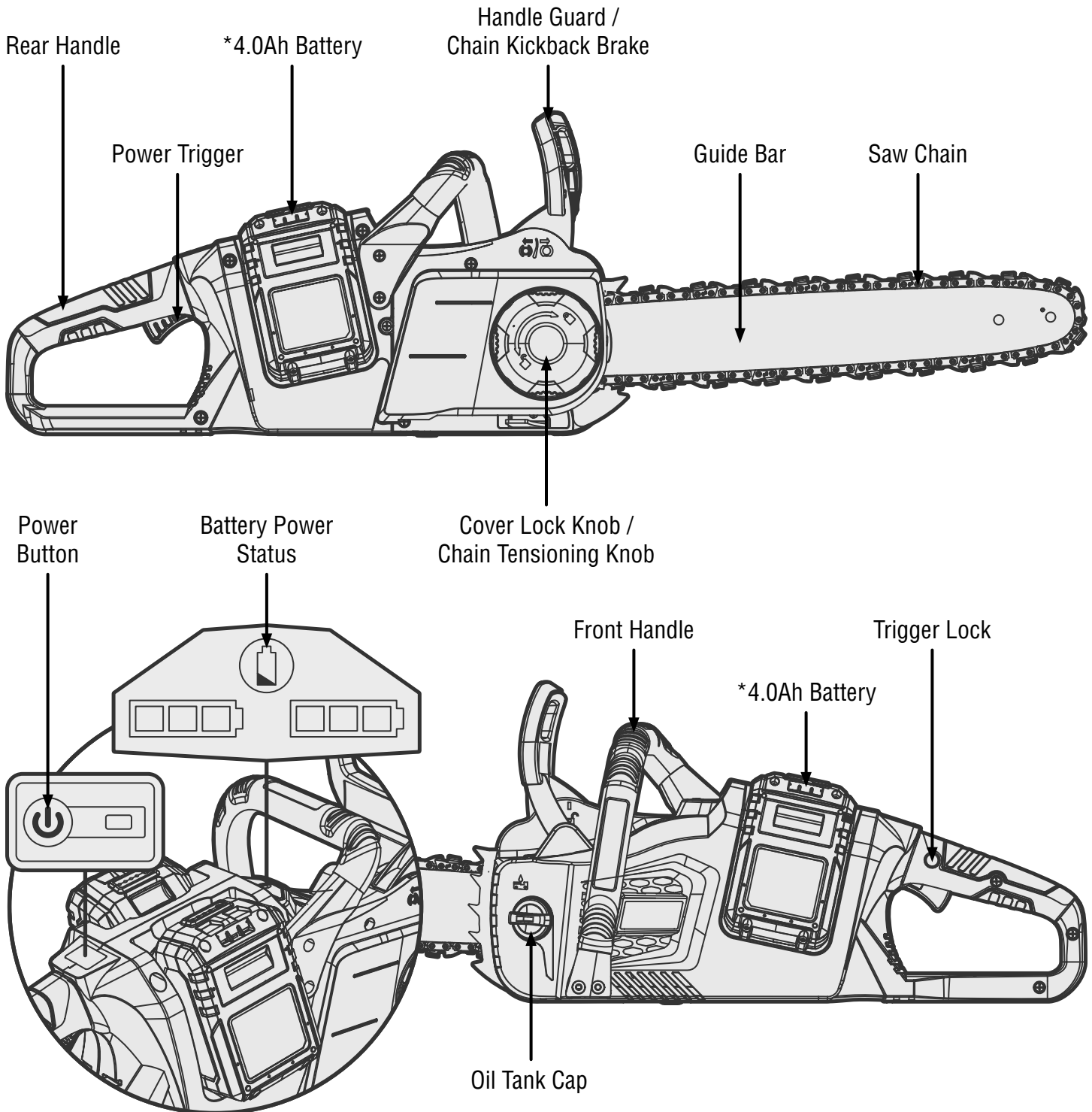
Description	Qty.
Chainsaw	1
Protective Cover	1
Guide Bar	1
Saw Chain	1
Dual Port Charger	1
4.0 Ah Batteries	2

***NOTE:** Battery and charger only included with model 20754.
20754BT does not include a battery or charger.

KNOW YOUR CHAINSAW

TOOL PURPOSE

Easily break down trees and branches with your WEN 20V Chainsaw. Refer to the following diagrams to become familiarized with all the parts and controls of your chainsaw. The components will be referred to later in the manual for assembly and operation instructions.



***NOTE:** Battery and charger only included with model 20754. 20754BT does not include a battery or charger.

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 PACKS

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

NOTE: The battery packs and charger are not included with model 20754BT.

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

Charging Indication:

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

NOTE: You may charge one or two batteries at the same time, in any capacity combination (2Ah, 4Ah, etc.). If charging one battery, the maximum charging current is 4A. If charging two batteries, the maximum charging current is 2A per battery.

3. When the batteries are charged, the red light will turn OFF and the green light will turn ON. Remove the batteries from the charger and unplug the charger from the power supply.

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

The battery packs are equipped with four 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:

- Four Lights: The battery is fully charged.
- Three Lights: The battery is 75% charged.
- Two Lights: The battery is 50% charged.
- One Light: The battery is almost out of power and needs to be charged.

INSERTING AND REMOVING THE BATTERIES

NOTE: For best results, we recommend using at least 4Ah batteries with this tool.

1. To install the batteries, slide the battery packs into the battery ports. Make sure the release latch on the rear side of the battery packs snap into place and the batteries are secure before beginning operation.
2. To remove the battery packs, press the battery release latch on the front of the battery and pull the battery packs out.

NOTE: This tool requires two charged battery packs to operate. It will not run if only one battery is installed, or if any battery is drained.

ASSEMBLY & ADJUSTMENTS

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

FILLING THE AUTO OIL SYSTEM

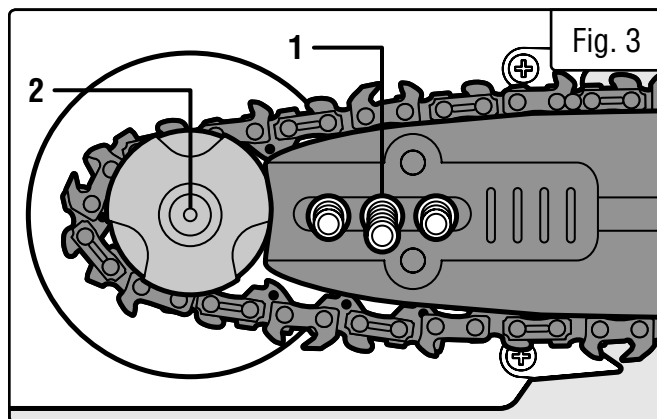
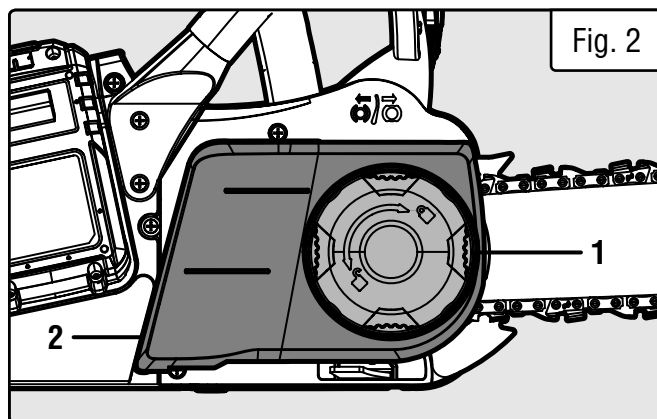
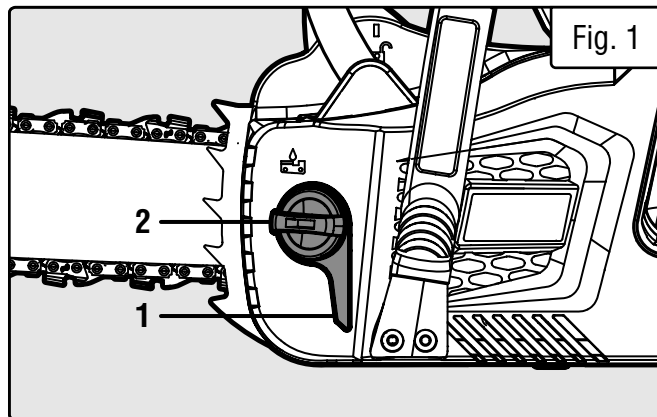
This chainsaw features an auto-oiling system to keep the chain and guide bar properly lubricated. The oil level indicator (Fig. 1 - 1) shows the remaining oil in the chainsaw. If the oil level decreases to below one quarter capacity, refill it with the proper bar and chain oil. To fill the oil reservoir:

1. Remove the oil cap (Fig. 1 - 2). Fill the reservoir with bar and chain oil (not included) until the oil level has reached full capacity.
2. Put the oil cap back on. Make sure to check the oil level after every 10 minutes of use. Turn the chainsaw OFF and remove the batteries before checking the oil level or filling the oil reservoir.

NOTE: Drain the saw of oil after each use to reduce the amount of oil that leaks from the saw. Some oil leakage is normal.

INSTALLING THE GUIDE BAR & CHAIN

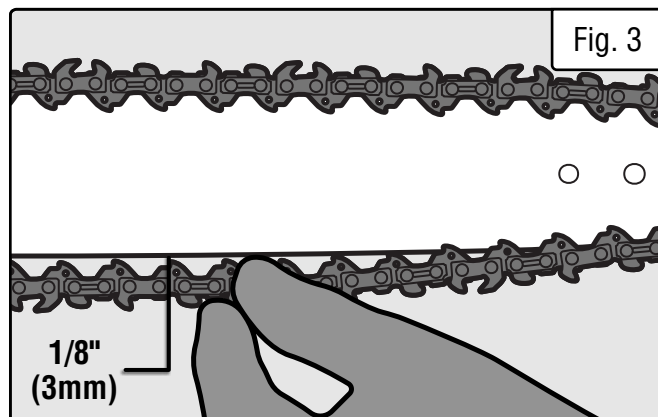
1. Turn the cover lock knob (Fig. 2 - 1) counterclockwise to remove the guide bar cover (Fig. 2 - 2).
2. Align the slot in the guide bar with the bolt (Fig. 3 - 1) at the base of the saw as shown in Fig. 3.
3. Place the saw chain around the sprocket (Fig. 3 - 2) and the nose of the guide bar. Make sure that the direction of the saw chain matches the direction indicated on the guide bar.
4. Align the hole in the back of the guide bar cover with the bolt at the base of the saw and reinstall the cover.
5. Turn the cover lock knob (Fig. 2 - 1) clockwise to tension the saw chain and to lock the guide bar cover (Fig. 2 - 2).



ASSEMBLY & ADJUSTMENTS

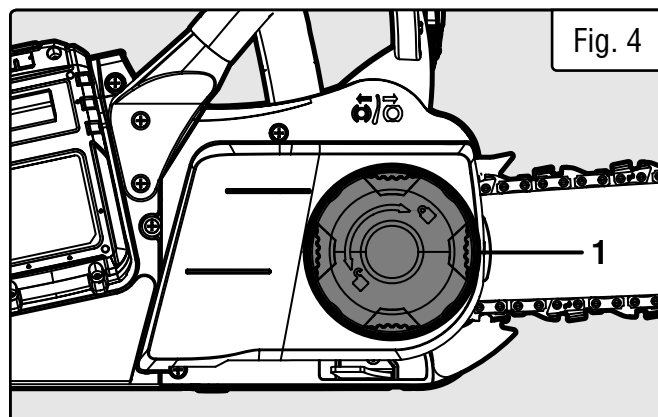
⚠ WARNING! To avoid injury from accidental startups, be sure that the tool is switched OFF and the batteries are removed from the tool before inspecting the unit, making adjustments, or changing accessories.

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 (3mm) of distance between itself and the bar guide (Fig. 3).

2. If adjustments are needed, turn the blade tension knob (Fig. 4 - 1) clockwise until the chain is properly tensioned. DO NOT over-tension the chain: this will lead to excessive wear and reduces the life of both the bar and chain.



OPERATION

 **WARNING!** It is recommended that first-time chainsaw users should practice cutting logs on a saw-horse or cradle.

PREPARATION

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

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.

CHAIN OIL: Check the fill level of the oil tank. Also check whether there is sufficient oil available while working. In order to prevent damage to the chainsaw, never operate the saw if there is no oil, or if the oil level has dropped below the minimum oil level mark. On average, one tank of oil is sufficient for approximately 10 minutes of cutting operation (depending on the duration of pauses, chain sharpness, wood species, etc.).

SAW CHAIN: Check the tension of the chain and the condition of the cutting links. The sharper the saw chain is, the easier and more manageable operations will be. The same applies to 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 maximize safety, do not operate the saw above shoulder height; pole saws are more suitable for that type of work. Your friends at WEN Products offer several pole saw models, available for purchase at wenproducts.com.
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.

OPERATION

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.

TEST THE KICKBACK BRAKE

The kickback brake is a safety mechanism that is activated by the front hand guard (Fig. 6 - 1). The chain should stop immediately when kickback occurs. The kickback brake function should be tested before each use.

To test the kickback brake:

1. Push the front hand guard forward and try to start the chain. The chain should not start. If the chain does start, the brake is not working and must be repaired.
2. To deactivate the kickback brake, pull the hand guard backwards. The chain should now start when the chainsaw is turned ON. The chain should also stop immediately when the hand guard is pushed forward while the chain is running.

⚠ WARNING! Do not rely on the kickback brake to reduce the possibility of injury due to kickback. Read prevention instructions above and on page 7 of this manual.

POWERING THE CHAINSAW ON & OFF

To turn the chainsaw ON: Press the power button (Fig. 7 - 1) to power ON the chainsaw. The power indicator light (Fig. 7 - 2) will turn ON. Press the safety button (Fig. 8 - 1) and then squeeze the power trigger (Fig. 8 - 2). After the tool has started, you can release the safety button without turning the tool off.

To turn the chainsaw OFF: Release the power trigger. Once you have completed your sawing operation, press the power button to power OFF the chainsaw. Remove the batteries from the chainsaw when it is not in use. If the power indicator light is ON when the batteries are removed, you will hear two beeps as you remove the batteries. This is normal.

NOTE: The chainsaw will power OFF automatically after 60 seconds of inactivity.

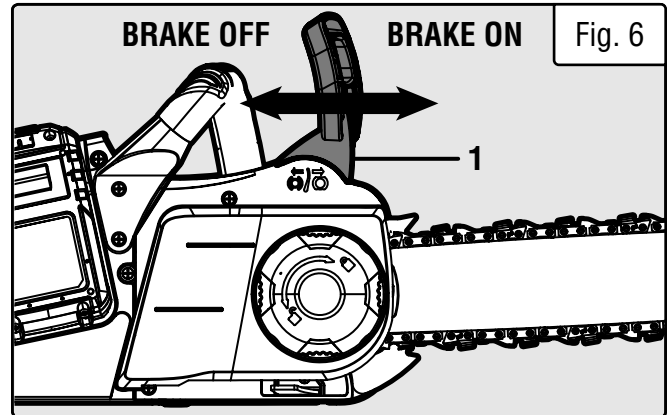


Fig. 6

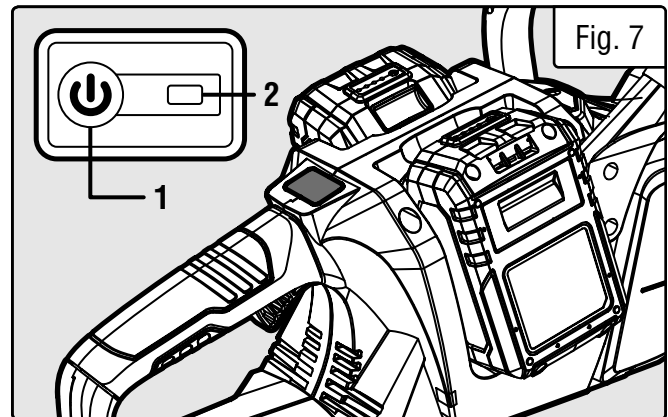


Fig. 7

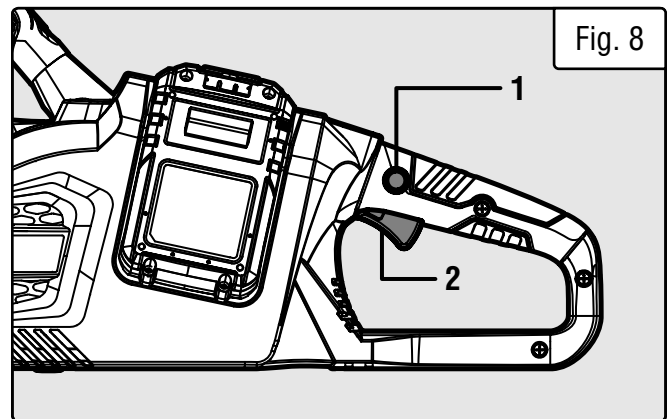


Fig. 8

OPERATION

FELLING A TREE

When bucking and felling operations are being performed by two or more people at the same time, the felling operations should be separated from the bucking operation by a distance of at least twice the height of the tree being felled. Trees should not be felled in a manner that would endanger any person, strike any utility line or cause any property damage. If the tree does make contact with any utility line, the company should be notified immediately.

The chain saw operator should keep on the uphill side of the terrain as the tree is likely to roll or slide downhill after it is felled.

An escape path should be planned and cleared as necessary before cuts are started. The escape path should extend back and diagonally to the rear of the expected line of fall (Fig. 9).

Before felling is started, consider the natural lean of the tree, the location of larger branches and the wind direction to judge which way the tree will fall. Remove dirt, stones, loose bark, nails, staples and wire from the tree.

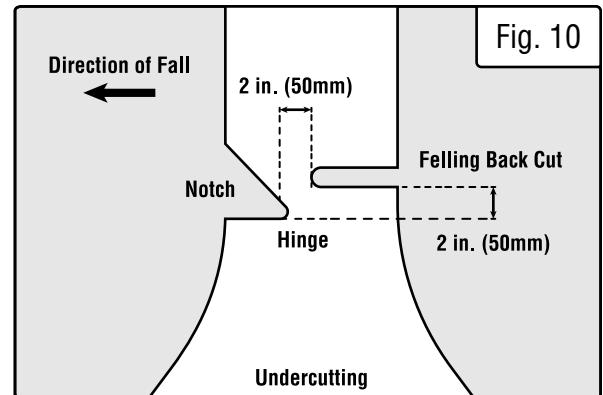
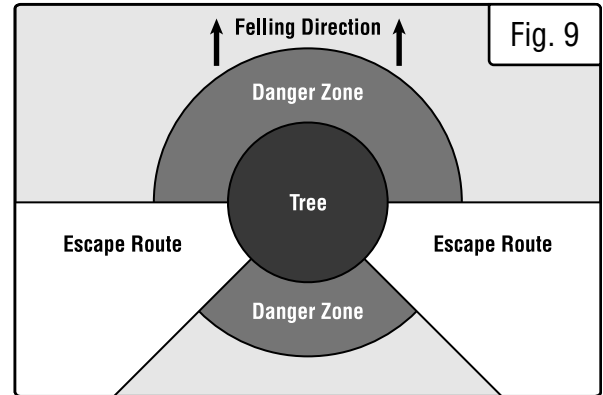
Make the notch 1/3 the diameter of the tree, perpendicular to the direction of fall (Fig. 10). Make the lower horizontal notching cut first. This will help to avoid pinching either the saw chain or the guide bar when the second notch is being made.

FELLING BACK A CUT

Make the felling back cut at least 2 inches (50mm) higher than the horizontal notching cut (Fig. 10). Keep the felling back cut parallel to the horizontal notching cut. Make the felling back cut so enough wood is left to act as a hinge. The hinge wood keeps the tree from twisting and falling in the wrong direction. Do not cut through the hinge.

As the felling gets close to the hinge, the tree should begin to fall. If there is any chance that the tree may not fall in desired direction or it may rock back and bind the saw chain, stop cutting before the felling back cut is complete and use wedges of wood, plastic or aluminum to open the cut and drop the tree along the desired line of fall.

When the tree begins to fall remove the chainsaw from the cut, stop the motor, put the chain saw down, then use the retreat path planned. Be alert for overhead limbs falling and watch your footing.



OPERATION

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. 11), it is cut from the top (overbuck).

When the log is supported on one end (Fig. 12), 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. 13), 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.

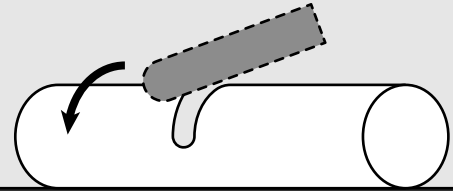
When bucking on a slope always stand on the uphill side of the log. When cutting through, to maintain complete control, release the cutting pressure near the end of the cut without relaxing your grip on the chain saw handles. Don't let the chain contact the ground. After completing the cut, wait for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

Log supported along its entire length:

Fig. 11

Cut from the top (overbuck).
Avoid cutting into the ground.

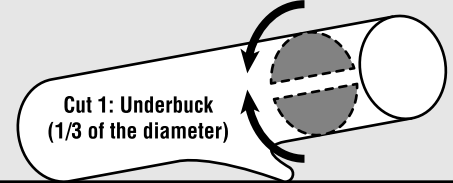


Log supported on one side:

Fig. 12

Cut 2: Overbuck
(2/3 of the diameter)

Cut 1: Underbuck
(1/3 of the diameter)

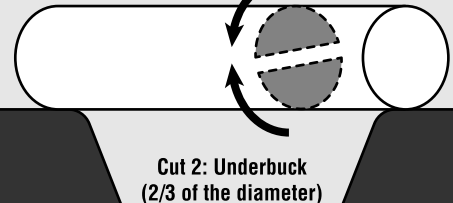


Log supported on both sides:

Fig. 13

Cut 1: Overbuck
(1/3 of the diameter)

Cut 2: Underbuck
(2/3 of the diameter)



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. 14). Branches under tension should be cut from the bottom up to avoid binding the chain saw.

SAWING TECHNIQUES

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

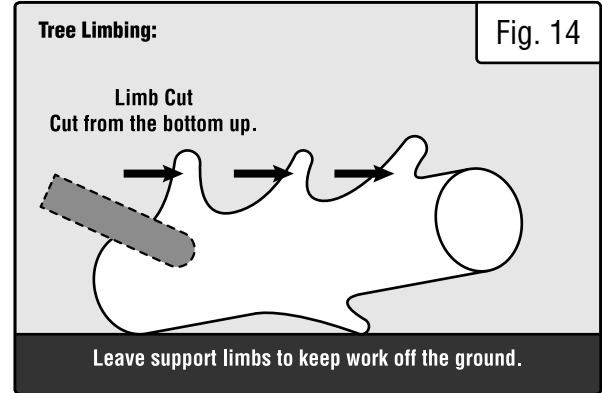
At the end of the cut, the weight of the saw suddenly increases for the user since it is no longer being supported by a branch. There is a risk of losing control of the saw, so make sure to stay alert during the entire sawing operation.

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 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.

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.



MAINTENANCE

⚠ WARNING! To avoid accidents, turn the tool OFF and remove the batteries from the terminals 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 tool 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 chainsaw 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.

AUTOMATIC CHAIN LUBRICATION

Regularly check the functionality of the automatic chain lubrication in order to prevent overheating and the subsequent damage to the guide bar and saw chain associated with it. For this purpose, align the guide bar tip against a smooth surface (board, cut-in of a tree) and allow the chainsaw to run. If an increasing amount of oil appears, the automatic chain lubrication functions properly.

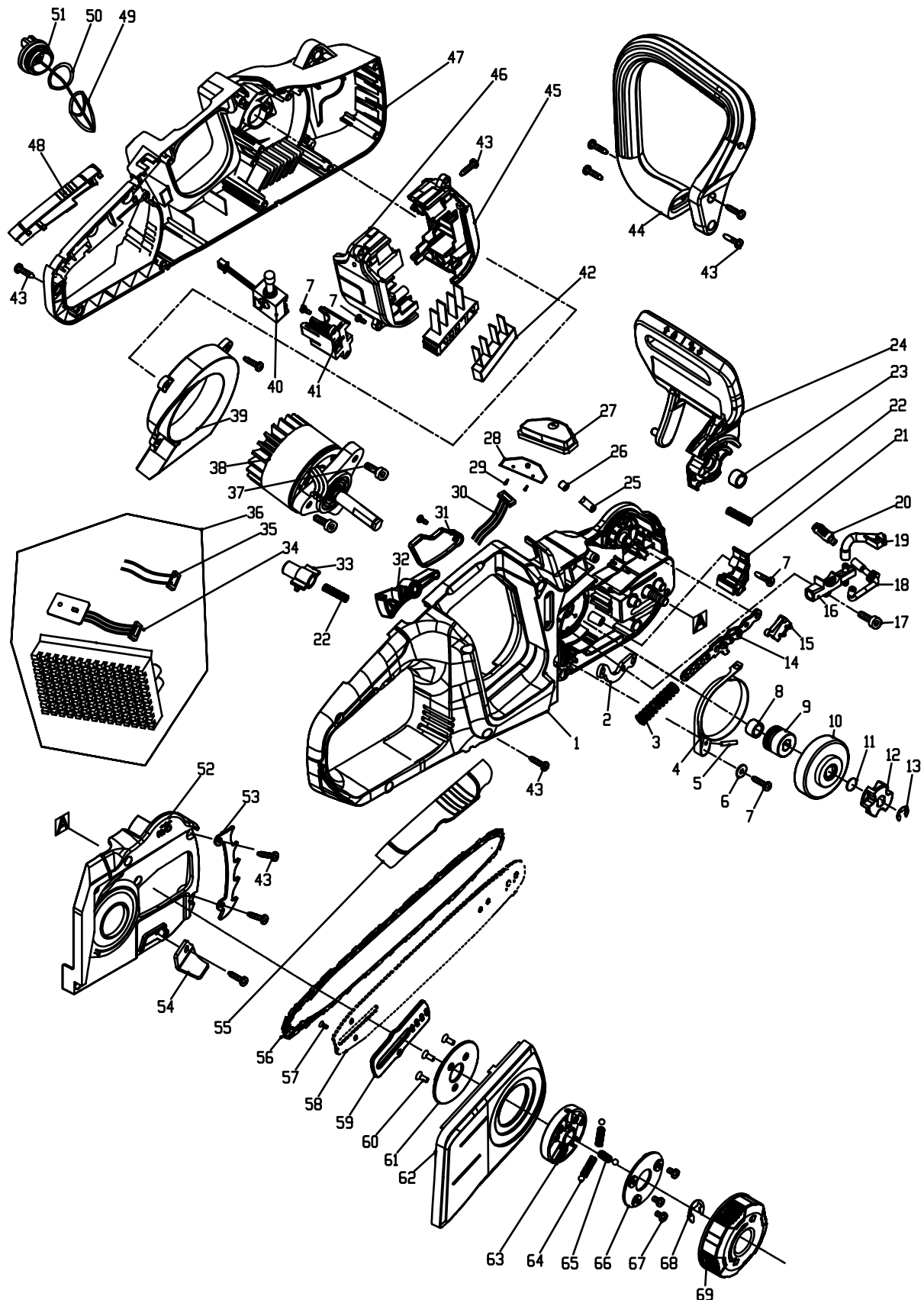
STORING THE BATTERIES AND CHARGER

- Make sure the batteries are fully charged before storage in order to maximize the life of the batteries.
- Do not store the battery packs on the tool. Remove the batteries from the tool before storage.
- After charging, the battery packs may be stored on 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 batteries.

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.	NO.	PART NO.	DESCRIPTION	QTY.
1	20754-001	Right Housing	1	36	20754-036	Controller PCB	1
2	20754-002	Oil Pump Fix Plate	1	37	20754-037	Hex Screw M5x20	3
3	20754-003	Brake Spring	1	38	20754-038	Motor	1
4	20754-004	Brake Belt	1	39	20754-039	Wind Shield	1
5	20754-005	Pin $\Phi 3 \times 9$	1	40	20754-040	Switch	1
6	20754-006	Washer, $\Phi 5 \times \Phi 12 \times 1.0$	1	41	20754-041	Switch Seat	1
7	20754-007	Screw, ST4.2x10	14	42	20754-042	Battery Pin	2
8	20754-008	Sleeve	1	43	20754-043	Screw ST4.2x18	25
9	20754-009	Oil Pump Turbo	1	44	20754-044	Front Handle	1
10	20754-010	Brake Plate	1	45	20754-045	Battery Socket Left	1
11	20754-011	O Ring, $\Phi 10 \times 2.5$	1	46	20754-046	Battery Socket Right	1
12	20754-012	Sprocket	1	47	20754-047	Left Housing	1
13	20754-013	Circlip	1	48	20754-048	Handle Cover Left	1
14	20754-014	Brake Hinge	1	49	20754-049	Oil Cap Hanger	1
15	20754-015	Brake Switch	1	50	20754-050	O Ring	1
16	20754-016	Oil Pump	1	51	20754-051	Oil Tank Cap	1
17	20754-017	Hex Screw, M4x8	1	52	20754-052	Right Housing Cover	1
18	20754-018	Oil Inlet Tube	1	53	20754-053	Bumper	1
19	20754-019	Oil Outlet Tube	1	54	20754-054	Chain Protection Piece	1
20	20754-020	Oil Filter	1	55	20754-055	Handle Cover Right	1
21	20754-021	Brake Belt Seat	1	56	20754-056	Chain	1
22	20754-022	Spring	2	57	20754-057	Screw M4x8	3
23	20754-023	Brake Handle Sleeve	1	58	20754-058	Guide Bar	1
24	20754-024	Brake Handle	1	59	20754-059	Chain Guide	1
25	20754-025	Air Nozzle	1	60	20754-060	Screw ST4.2x12	3
26	20754-026	Air Nozzle Sealing Cap	1	61	20754-061	Guide Wheel	1
27	20754-027	LED Display	1	62	20754-062	Guide Cover	1
28	20754-028	LED Display PCB	1	63	20754-063	Guide Wheel Lower Bracket	1
29	20754-029	Screw, ST2.2x4.5	2	64	20754-064	Steel Ball, 5mm	3
30	20754-030	LED Display Wire Bus	1	65	20754-065	Spring	3
31	20754-031	Wire Holder	1	66	20754-066	Guide Wheel Upper Bracket	1
32	20754-032	Trigger	1	67	20754-067	Screw ST3.9x10	3
33	20754-033	Trigger Control Knob	1	68	20754-068	Circlip	1
34	20754-034	Switch LED	1	69	20754-069	Tension Lock Knob	1
35	20754-035	Brake-Power-Off Signal Wire	1	N.P.	20754-070	Chain Scabbard	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.