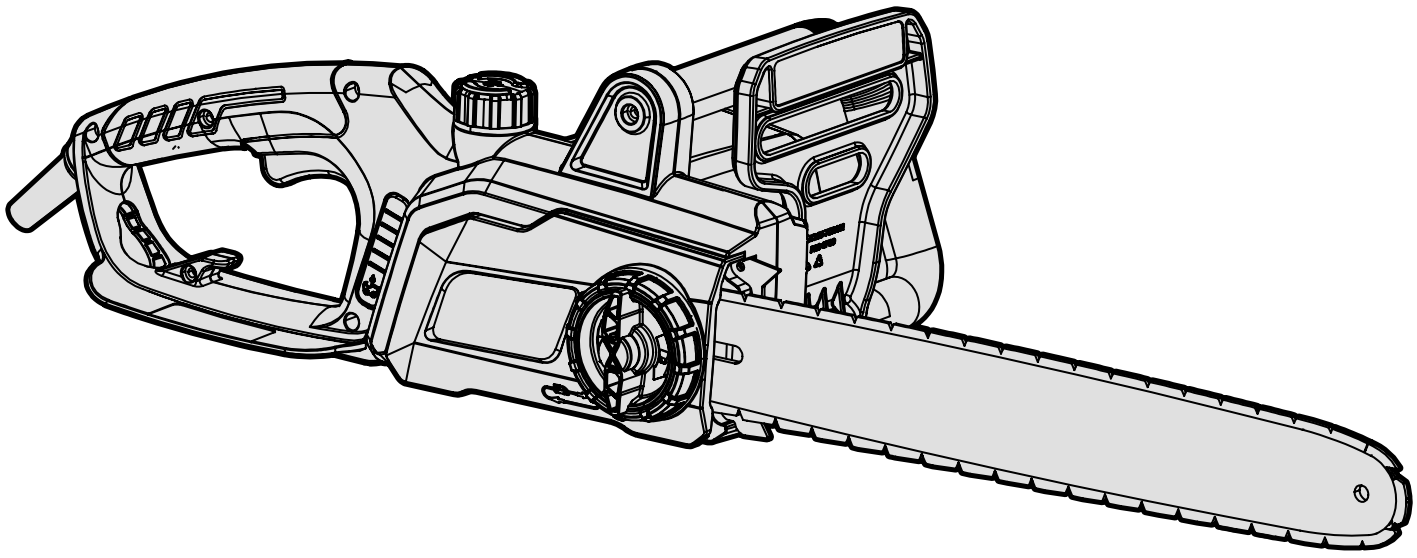
MODEL CP1216

16-INCH ELECTRIC 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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INTRODUCTION

Thanks for purchasing the WEN Electric 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	CP1216
Motor	120V, 60 Hz, 12A
Speed (No Load)	6500 RPM
Max Chain Speed	41 Feet / Second
Bar Length	16 Inches
Chain Pitch	3/8 Inch
Chain Gauge	0.05 Inch
Number of Cutting Links	57 Links
Sharpening File	GCR15 0.2 in. x 9.7 in. (4mm x 245mm)
Oil Tank Capacity	5.75 fl. oz. (170 mL)
Oil Type	Standard Bar and Chain Oil
Product Weight	10.8 lbs
Product Dimensions	31.9 in. x 10.2 in. x 7.5 in.

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.

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.

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SAVE THESE SAFETY INSTRUCTIONS.

8. Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles. A careless action can cause severe injury within a fraction of a second.

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. Keep handles and grips dry, clean, and free from oil and grease. Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

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 let comfort or familiarity with the product replace strict adherence to product safety rules. Failure to follow the safety instructions may result in serious personal injury.

CHAINSAW SAFETY

1. TOOL PURPOSE. This chainsaw is designed for sawing wood. Sawing other 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 operating the chainsaw. Before starting the chainsaw, make sure the saw chain is not in contact with anything.

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.

NOTE: For chain saws designed with the guide bar on the left side, the reference to "right hand" and "left hand" positioning is reversed.

4. Only hold the power tool by the insulated grip 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 result in electric shock.

5. Wear eye protection. Further protective equipment for hearing, head, hands, legs, and feet is recommended. Adequate protective equipment will reduce personal injury from flying debris or accidental contact with the saw chain.

6. Do not operate a chain saw in a tree, on a ladder, from a rooftop, or any unstable support. Operation of a chain saw in this manner could result in serious personal injury.

7. Always keep proper footing and operate the chain saw only when standing on a fixed, secure, and level surface. Slippery or unstable surfaces may cause a loss of balance or control of the chain saw.

8. When cutting a limb that is under tension, be alert of possible kickback. When the tension from wood fibers and branches is suddenly released, the limb may fly in an unpredictable way, 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 it towards you or pulling you off balance.

10. Carry the chain saw by the front handle with the chain saw switched OFF and away from your body. When transporting or storing the chain saw, always use the guide bar cover. Proper handling of the chain saw will reduce the likelihood of accidental contact with the moving saw chain.

11. Follow instructions for lubricating, chain tensioning, and changing the bar and chain. Improperly tensioned or lubricated chain may either break or increase the chance for kickback.

12. Cut wood only. Do not use the chain saw for purposes that it was not intended for. Do not use chain saw for cutting metal, plastic, masonry, or non-wood building materials. Using the chain saw for operations different than intended could result in a hazardous situation.

13. Do not attempt to fell a tree until you have an understanding of the risks and how to avoid them. Serious injury could occur to the operator or bystanders while felling a tree.

CHAINSAW SAFETY WARNINGS

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

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.

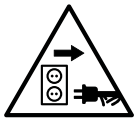
Read and fully understand the user manual before beginning operation.

Use personal protective equipment. Always wear eye protection. Further protective equipment for hearing, head, hands, legs, and feet is recommended. Adequate protective equipment will reduce personal injury from flying debris or accidental contact with the saw chain.

DO NOT use the chainsaw in wet or damp conditions.

When operating the chainsaw, always hold it with both hands.

Tip contact can cause the guide bar to move suddenly upwards and backwards, which may cause serious injury to the user.

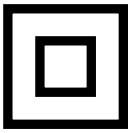


DO NOT use the chainsaw if there are any missing or damaged parts.

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

DOUBLE-INSULATED TOOLS



The tool'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 motor 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.
12A	16 Gauge	16 Gauge	14 Gauge	12 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.

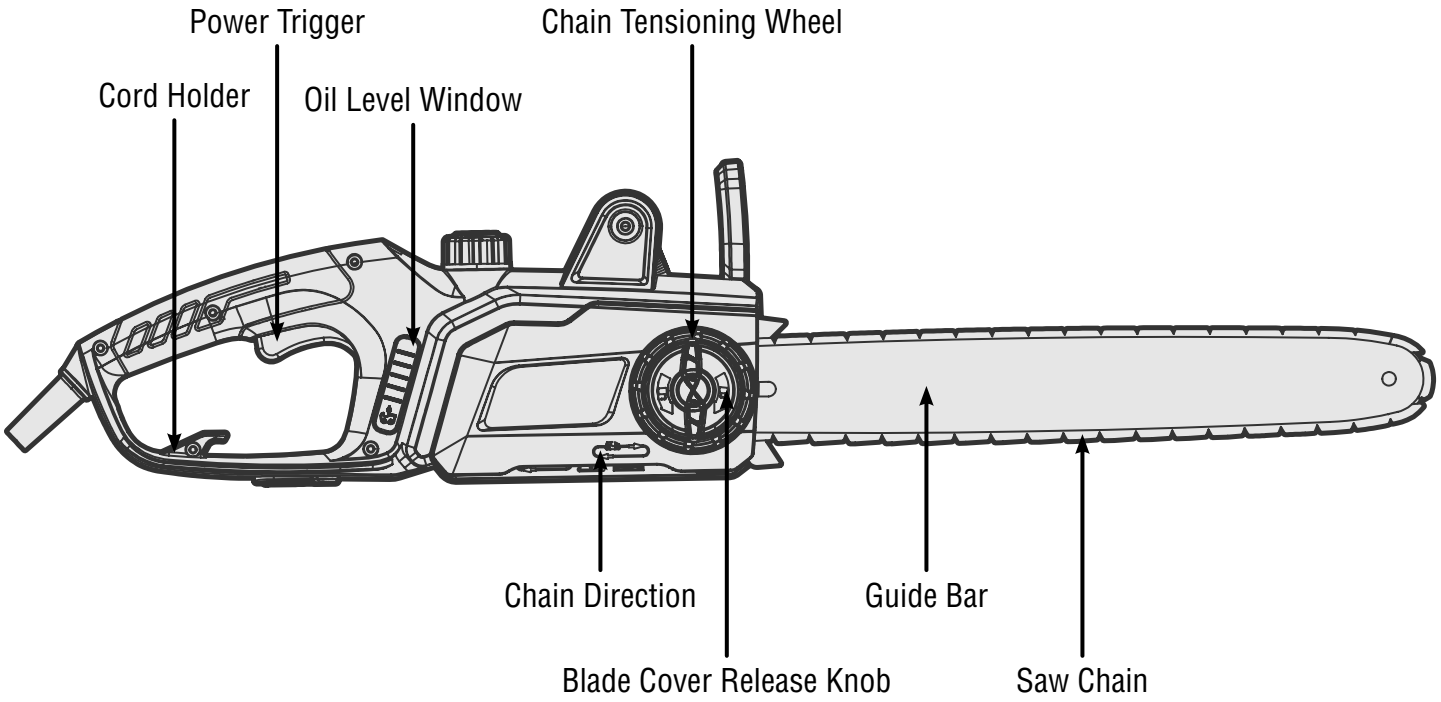
2. Do not abuse extension cord. Do not pull on cord to disconnect from receptacle; always disconnect by pulling on plug. Disconnect the extension cord from the receptacle before disconnecting the product from the extension cord. Protect your extension cords from sharp objects, excessive heat and damp/wet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

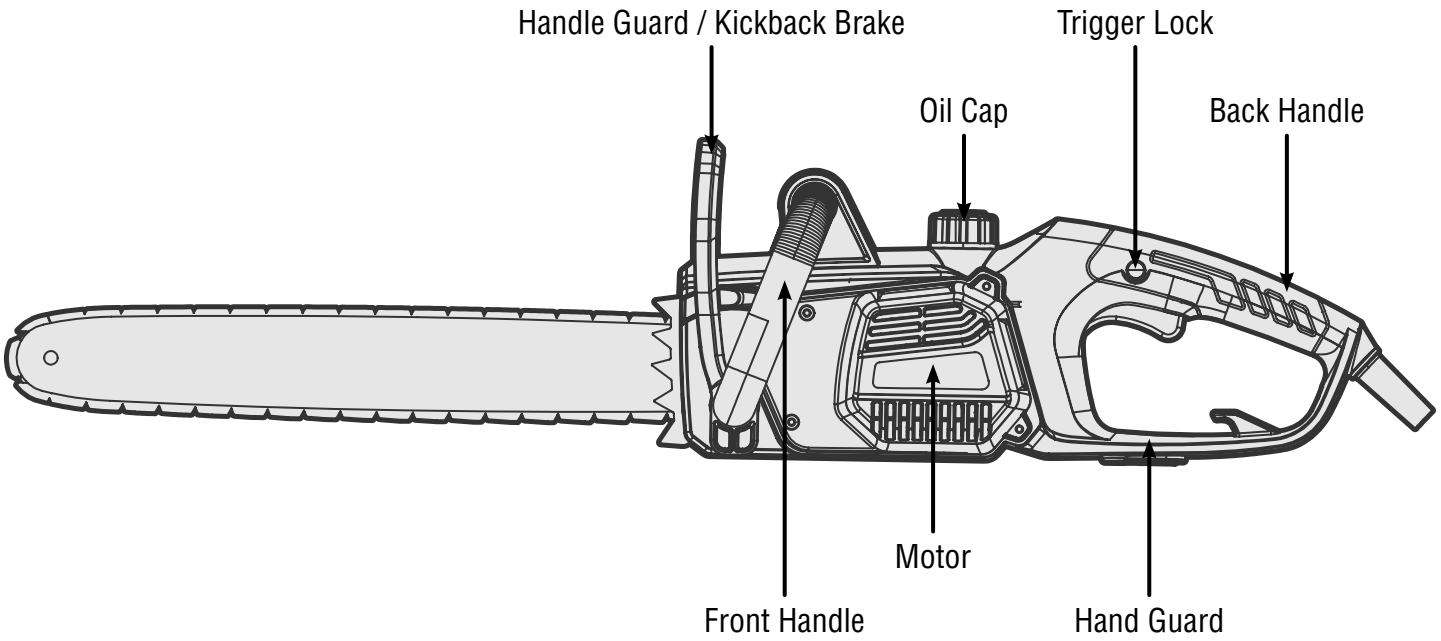
3. Use a separate electrical circuit for your tool. This circuit must not be less than a 12-gauge wire and should be protected with a 15A time-delayed fuse. Before connecting the motor to the power line, make sure the switch is in the OFF position and the electric current is rated the same as the current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

KNOW YOUR CHAINSAW

TOOL PURPOSE

This chainsaw is designed to saw wood. Refer to the diagram below to become familiarized with the parts and controls of your Electric Chainsaw.





UNPACKING & PACKING LIST

⚠ **WARNING!** Do not plug in or turn on the tool until it is fully assembled according to the instructions. Failure to follow the safety instructions may result in serious personal injury.

UNPACKING

With the help of a friend or trustworthy foe, carefully remove the chainsaw from the packaging. 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 our 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

ASSEMBLY & ADJUSTMENTS

⚠ **WARNING!** Do not plug in or turn on the tool until it is fully assembled according to the instructions. Failure to follow the safety instructions may result in serious personal injury.

FILLING THE AUTO OIL SYSTEM

This chainsaw features an auto-oiling system to keep the chain and guide bar properly lubricated. The oil level window (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. Unplug the chainsaw before checking oil levels 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.

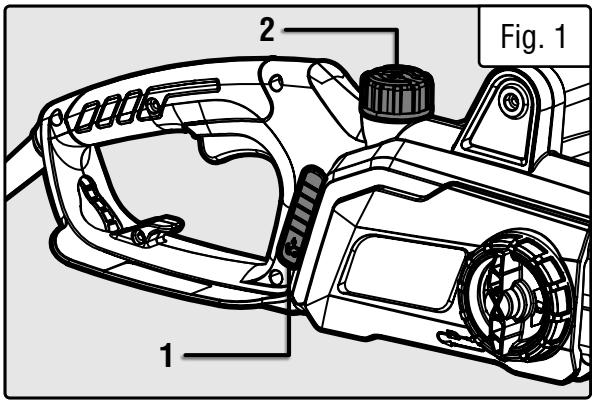


Fig. 1

⚠ **WARNING!** Do not plug in or turn on the tool until it is fully assembled according to the instructions. Failure to follow the safety instructions may result in serious personal injury.

PRIMING THE OILER

The oiler should be primed if you are filling the chainsaw with oil for the first time or if the chainsaw has been in storage for a long period of time without use.

NOTE: Wear protective gloves when priming the oiler.

1. Loosen the blade cover release knob (Fig. 2 - 1) by turning it counterclockwise, but do not fully remove the blade cover.

2. Loosen the chain tensioning ring (Fig. 2 - 2) by turning it counterclockwise as far as it will go.

3. Remove the blade cover once you've loosened the chain tension..

4. Carefully remove the guide bar and saw chain. Be sure to wear protective gloves when handling the saw chain.

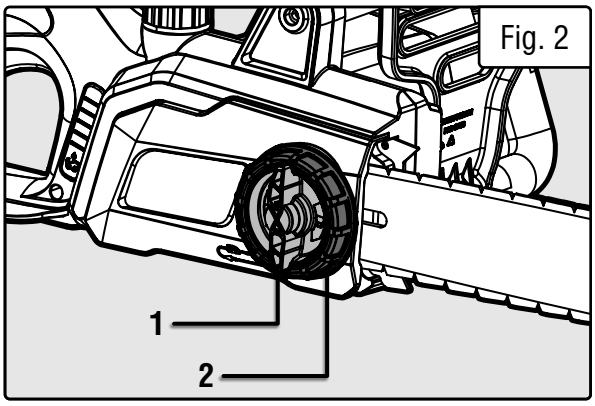
5. Reinstall the blade cover and lightly tighten the blade cover knob.

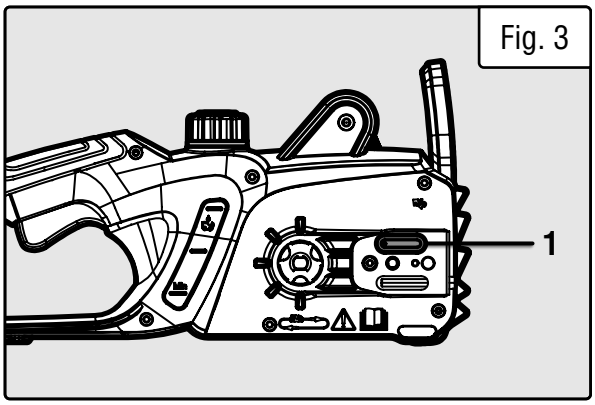
6. Plug the chainsaw in and run it for about two minutes.

7. Turn the chainsaw OFF and unplug it from the power source. Remove the blade cover and check for oil on the bar pad (Fig. 3 - 1).

NOTE: If no oil is present on the bar pad, reinstall the blade cover and run the chainsaw for another 30 seconds.

8. Once oil starts to seep through the hole, turn the chainsaw OFF and unplug it from the power source. Reinstall the guide bar and saw chain, see "INSTALLING THE GUIDE BAR AND CHAIN" on page 12.





ASSEMBLY & ADJUSTMENTS

⚠ **WARNING!** Do not plug in or turn on the tool until it is fully assembled according to the instructions. Failure to follow the safety instructions may result in serious personal injury.

INSTALLING THE GUIDE BAR AND CHAIN

1. Place the saw on a firm and level surface.

NOTE: Wear protective gloves when handling the guide bar and saw chain.

2. 1. Loosen the blade cover release knob (Fig. 4 - 1) by turning it counterclockwise, but do not fully remove the blade cover.

3. Loosen the chain tensioning ring (Fig. 4 - 2) by turning it counterclockwise.

4. Remove the blade cover once you've loosened the chain tensioning ring.

5. Place the guide bar (Fig. 5 - 1) onto the mounting screw (Fig. 5 - 2).

6. Place the tensioning plate (Fig. 6 - 1) onto the mounting screw as shown in Fig. 6.

7. Place the saw chain (Fig. 6 - 2) onto the drive sprocket (Fig. 6 - 3). Make sure that the teeth along the top of the guide bar face away from the body of the saw.

8. Feed the chain into the groove of the guide bar. Remove slack from the saw chain by pulling the saw chain away from the housing (Fig. 7). Make sure that the chain follows the direction of rotation indicated on the body of the saw.

9. Reinstall the blade cover.

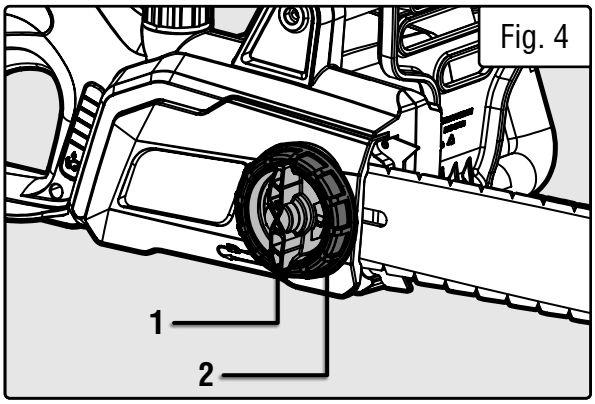


Fig. 4

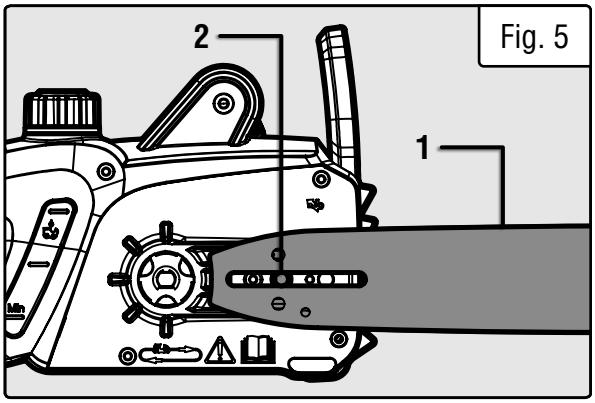


Fig. 5

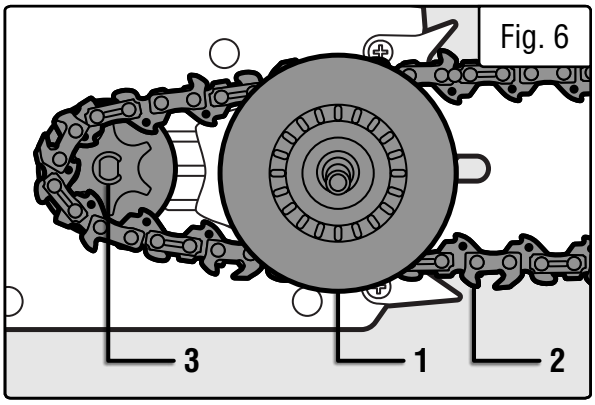


Fig. 6

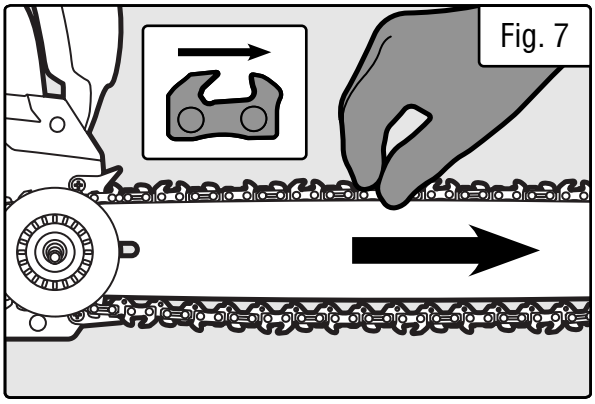


Fig. 7

TENSIONING THE SAW CHAIN

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 (3 mm) 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. 8).

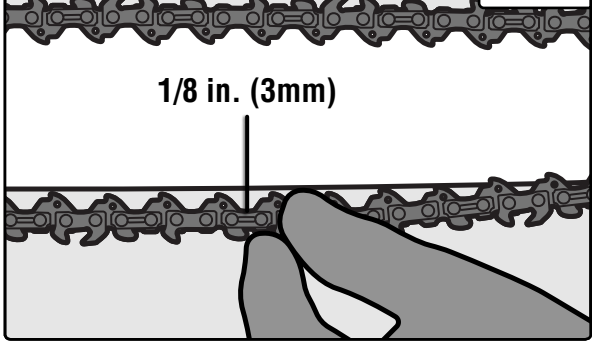
2. Loosen the blade cover knob (Fig. 9 - 1), but do not fully remove the blade cover.

3. Hold the nose of the guide bar (Fig. 10) and turn the chain tensioning ring (Fig. 9 - 2) clockwise to tension the saw chain. Tighten the chain until the cutters on the bottom contact the guide bar.

4. Retighten the blade cover knob.

5. Lightly pull on the saw chain to check the tension. A properly tensioned chain should have roughly 1/8 inch (3mm) of distance between itself and the bar guide. DO NOT over-tension the chain: this will lead to excessive wear and reduces the life of both the bar and chain.

Fig. 8



⚠ **WARNING!** When handling saw chains, always wear protective gloves.

Fig. 9

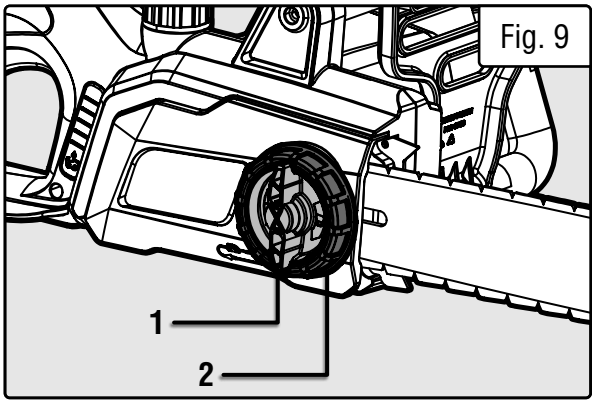
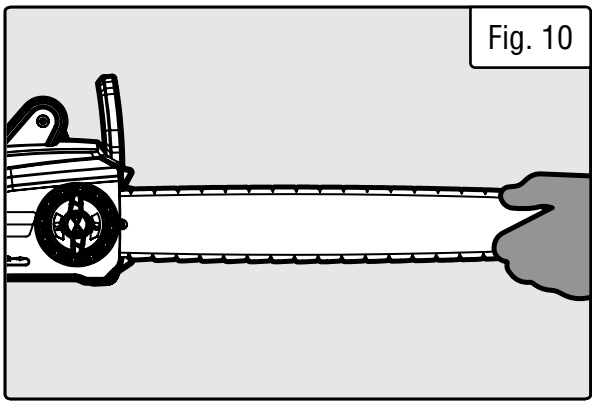


Fig. 10



ASSEMBLY & ADJUSTMENTS

USING THE CORD STRAIN RELIEF NOTCH

The notch on the rear handle guard helps to wrangle an extension cord to ensure that the saw does not become unplugged during operation (Fig. 11). To use this notch:

1. Double the extension cord and loop it around the notch.

2. Gently pull on the cord to make sure that it is secure.

3. Plug the end of the chain saw's power cord into the end of the extension cord.

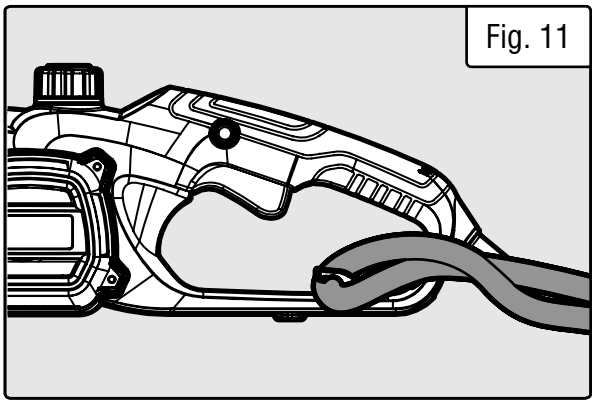


Fig. 11

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.

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 avoid a loss of control during 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.

TEST THE KICKBACK BRAKE

The kickback brake is a safety mechanism that is activated by the front hand guard (Fig. 12 - 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. Release the ON / OFF switch. To deactivate the kickback brake, pull the hand guard backwards. The chain should now start when the ON / OFF switch is pressed. 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 5 of this manual.

Fig. 12

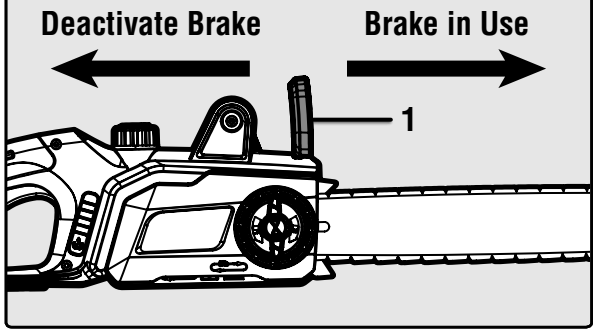
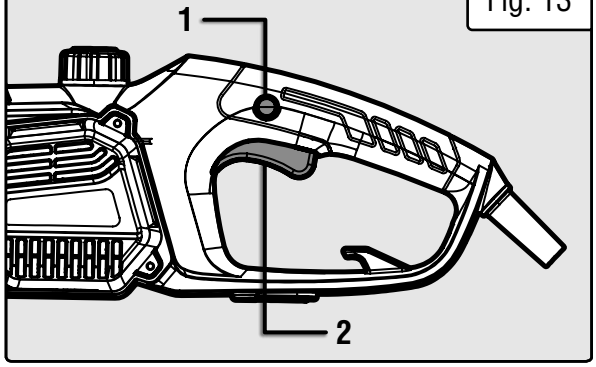


Fig. 13



POWER TRIGGER

To turn the tool ON: Press the safety button (Fig. 13 - 1) and then squeeze the power trigger (Fig. 13 - 2). After the tool has started, you can release the safety button without turning the tool off.

To turn the tool OFF: Release the power trigger.

NOTE: When the trigger is released, the clutch will engage and stop the chain very quickly, while the motor slows down and stops. This is normal.

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. 14).

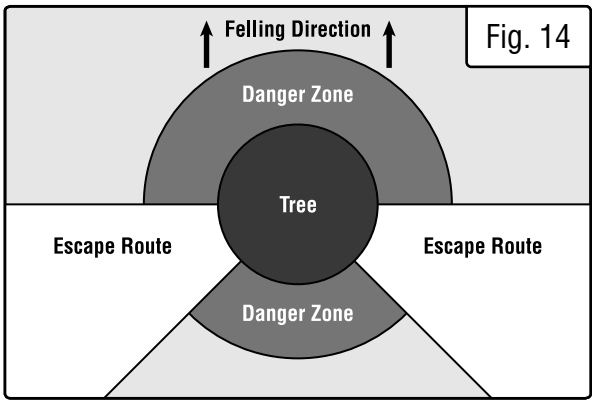


Fig. 14

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. 15). 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.

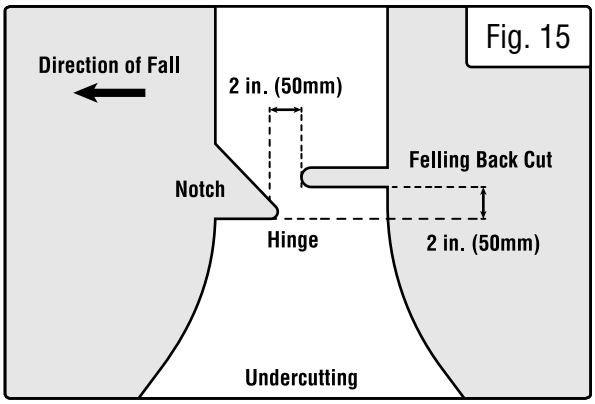


Fig. 15

FELLING BACK A CUT

Make the felling back cut at least 2 inches (50mm) higher than the horizontal notching cut (Fig. 14). 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.

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.

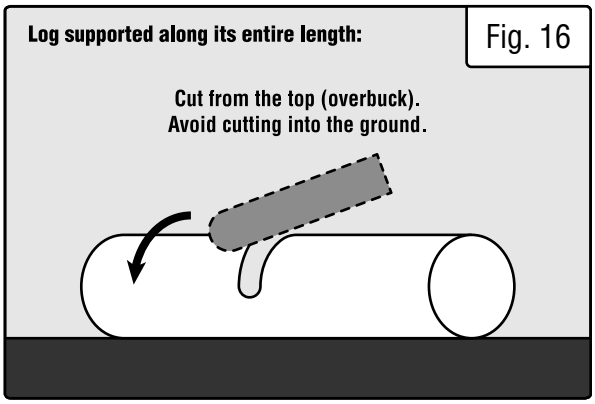
When the log is supported along its entire length (Fig. 16), it is cut from the top (overbuck).

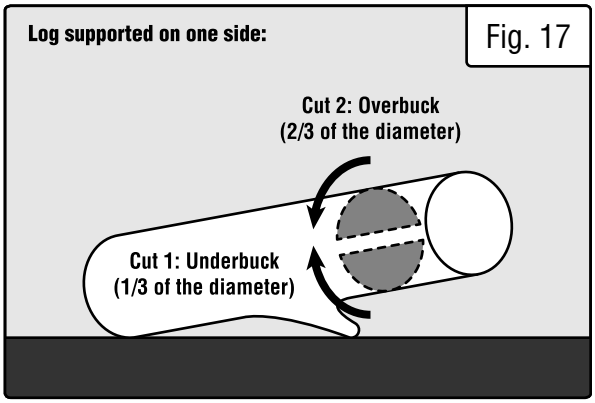
When the log is supported on one end (Fig. 17), cut 1/3 the diameter from the underside (underbuck). Then make the finished cut by overbucking to meet the first cut.

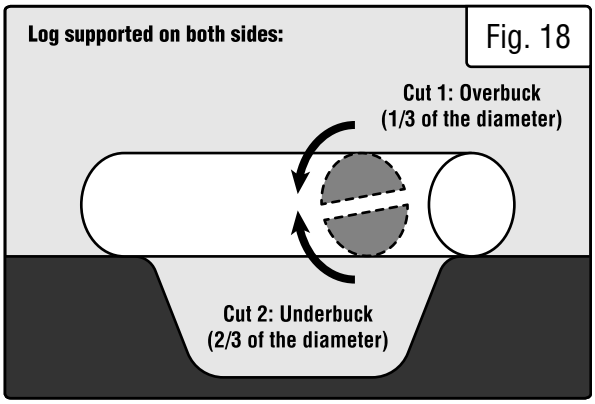
When the log is supported on both ends (Fig. 18), cut 1/3 the diameter from the top (overbuck). Then make the finished cut by underbucking the lower 2/3 to meet the first cut.

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.

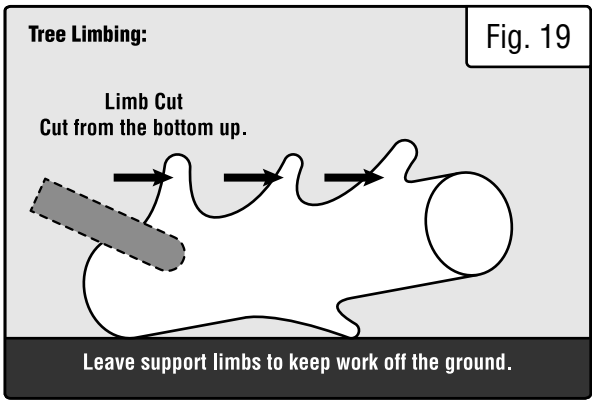






LIMBING A TREE

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. 19). 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!** In order to avoid personal injury and the risk of fire and electric shock, unplug the tool before adjusting, inspecting, or cleaning the chainsaw.

⚠ **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.

CLEANING & STORAGE

1. Brush or blow dust and debris out of the air vents using compressed air (not to exceed 25 PSI) 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. Remove tension from the saw chain and drain the oil tank before storing the saw.

STORAGE

Examine the chainsaw thoroughly for worn, loose or damaged parts. If you need assistance, contact WEN customer service at **1-847-429-9263.**

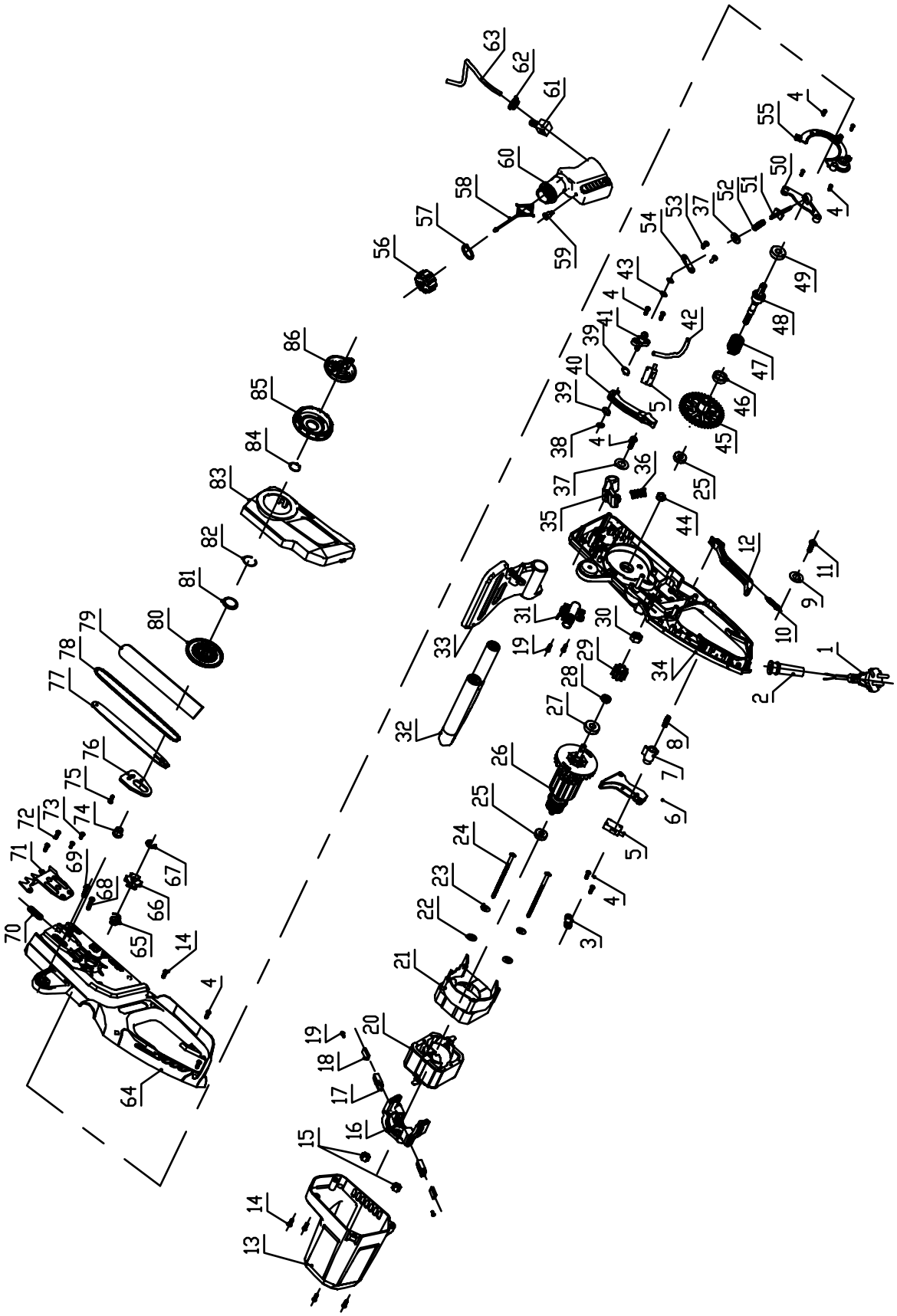
Store your chainsaw in a cool, dry place – do not store the saw where temperatures may exceed 104°F, such as in direct sunlight or inside a vehicle or metal building during the summer. Remove tension from the saw chain and drain the oil tank before storing the saw.

TROUBLESHOOTING GUIDE

⚠ **WARNING!** Stop using the tool immediately if any of the following problems occur. Repairs and replacements should only be performed by an authorized technician. For any questions, please contact our customer service at **1-847-429-9263**, M-F 8-5 CST or email us at **techsupport@wenproducts.com.**

PROBLEM	CAUSE	SOLUTION
Saw does not turn on.	1. Saw is not plugged in.	1. Plug saw in.
	2. Extension cord is loose.	2. Make sure extension cord is secure.
	3. Extension cord is undersized.	3. Use the proper size of extension cord. See chart on p. 8.
	4. Kickback brake is engaged.	4. Release kickback brake.
	5. Safety button is not pushed.	5. Push the safety button before pulling the trigger.
	6. Defective outlet.	6. Try a different outlet.
	7. Defective motor or switch.	7. Contact WEN customer service.
Bar or chain overheating.	1. Chain is too tight.	1. Adjust chain tension properly (see p. 13).
	2. Oil level is low.	2. Add more bar and chain oil.
	3. Forcing the cut.	3. Let the saw do the work.
	4. Chain is dull.	4. Sharpen or replace the chain.
Loose chain.	1. Chain has overheated.	1. Allow chain to cool down.
	2. Chain tension set incorrectly.	2. Adjust chain tension properly (see p. 13).
	3. Chain is installed backwards.	3. Install chain properly (see p. 12).
	4. Guide bar is worn out.	4. Replace guide bar.
	5. Tension mechanism is broken.	5. Contact WEN customer service.
Poor cut quality.	1. Chain tension set incorrectly.	1. Adjust chain tension properly (see p. 13).
	2. Chain is installed backwards.	2. Install chain properly (see p. 12).
	3. Forcing the cut.	3. Let the saw do the work.
	4. Chain is dull.	4. Sharpen or replace the chain.
	5. Chain is worn out.	5. Replace chain.
	6. Guide bar is worn out.	6. Replace guide bar.
Saw runs but does not cut.	1. Chain is installed backwards.	1. Install chain properly (see p. 12).
Chainsaw speaks to you.	1. Hallucination.	1. Contact a medical professional.
	2. Chainsaw has become self-aware.	2. Good luck with that.

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	CP1216-001	Power Cord	1
2	CP1216-002	Cable Sheathing	1
3	CP1216-003	Crimp Plate	1
4	CP1216-004	Self-Tapping Screws	10
5	CP1216-005	Switch	2
6	CP1216-006	Switch Trigger	1
7	CP1216-007	Anti-Self-Locking Push Button	1
8	CP1216-008	Anti-Self-Locking Push Button Spring	1
9	CP1216-009	Flat Spacer	1
10	CP1216-010	Tension Springs	1
11	CP1216-011	Self-Tapping Screws	1
12	CP1216-012	Pushrod	1
13	CP1216-013	Motor Cover	1
14	CP1216-014	Self-Tapping Screws	14
15	CP1216-015	Hexagonal Thickened Nuts	2
16	CP1216-016	Motor Rear Bracket	1
17	CP1216-017	Brush Grips	2
18	CP1216-018	Carbon Brush	2
19	CP1216-019	Flange Self-Tapping Screws	4
20	CP1216-020	Stator	1
21	CP1216-021	Motor Front Bracket	1
22	CP1216-022	Flat Shims	2
23	CP1216-023	Spring Washers	2
24	CP1216-024	Stator Screws	2
25	CP1216-025	Deep Groove Ball Bearings	2
26	CP1216-026	Rotor	1
27	CP1216-027	Deep Groove Ball Bearings	1
28	CP1216-028	Motor Gear Bushings	1
29	CP1216-029	Pinion Gear	1
30	CP1216-030	Flange Nuts	2
31	CP1216-031	Oil Pump Assembly	1
32	CP1216-032	Auxiliary Handle	1
33	CP1216-033	Guard Plate	1

No.	Part No.	Description	Qty.
34	CP1216-034	Left Housing	1
35	CP1216-035	Locking Knob	1
36	CP1216-036	Locking Knob Spring	1
37	CP1216-037	Flat Spacer	2
38	CP1216-038	Flat Spacer	1
39	CP1216-039	Connecting Rod	1
40	CP1216-040	Shaft Retaining Ring	2
41	CP1216-041	Nozzle	1
42	CP1216-042	Tube	1
43	CP1216-043	O-Ring	2
44	CP1216-044	Anti Loosening Nut	1
45	CP1216-045	Large Gear	1
46	CP1216-046	Shaft Sleeve	1
47	CP1216-047	Torsion Spring	1
48	CP1216-048	Output Shaft	1
49	CP1216-049	Deep Groove Ball Bearings	1
50	CP1216-050	Brake Lever Fixing Plate	1
51	CP1216-051	Brake Lever	1
52	CP1216-052	Brake Lever Spring	1
53	CP1216-053	Self-Tapping Screws	2
54	CP1216-054	Pressure Plate	1
55	CP1216-055	Dust Cover	1
56	CP1216-056	Fuel Tank Cover	1
57	CP1216-057	Fuel Cap Seal	1
58	CP1216-058	Loss Prevention Hook	1
59	CP1216-059	Valve	1
60	CP1216-060	Fuel Tank	1
61	CP1216-061	Fuel Tank Connector Assembly	1
62	CP1216-062	Fuel Tank Seal	1
63	CP1216-063	Oil Inlet Pipe	1
64	CP1216-064	Right Housing	1
65	CP1216-065	Tension Spring	1
66	CP1216-066	Sprocket	1
67	CP1216-067	E-Clip	1
68	CP1216-068	Self-Tapping Screw	1

EXPLODED VIEW & PARTS LIST

No.	Part No.	Description	Qty.
69	CP1216-069	Self-Tapping Screws	1
70	CP1216-070	Ring Seal	1
71	CP1216-071	Buffer Plate	1
72	CP1216-072	Self-Tapping Screws	2
73	CP1216-073	Countersunk Head Tapping Screws	2
74	CP1216-074	Connecting Sleeve	1
75	CP1216-075	Chain Plate Screws	1
76	CP1216-076	Push Plate	1
77	CP1216-077	Guide Bar	1

No.	Part No.	Description	Qty.
78	CP1216-078	Chain	1
79	CP1216-079	Blade Cover	1
80	CP1216-080	Spinning Wheel	1
81	CP1216-081	Spacer	1
82	CP1216-082	Wire Retainer	1
83	CP1216-083	Sprocket Cover	1
84	CP1216-084	Shaft Retaining Ring	1
85	CP1216-085	Adjustment Knob	1
86	CP1216-086	Compression Knob	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 techsupport@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.