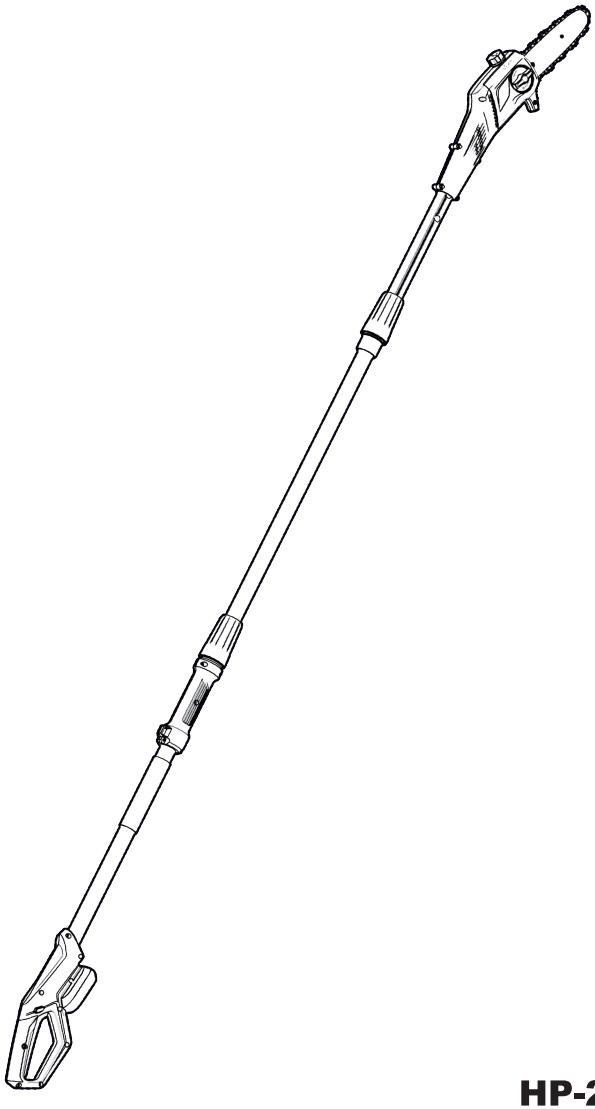
Cordless Power Pole Saw

USER MANUAL

BATTERY AND CHARGER NOT INCLUDED



HP-2008TT

Please read before use. Keep for backup.

NOTE

Please check the product for damage or missing accessories.
Please check if there are accessories damaged or lost.
If there are, please contact our customer service
team to get a replacement or a full refund.

support_heinpro@yeah.net

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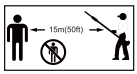
SPECIFICATION

Model:		HP-2008TT
Length (with bar plate):		1760 - 2500 mm
Rated Voltage:		D.C. 20V
Net weight		6.7 LBS
Bar specifications:		8"
Recommended bar length		240 mm
Standard sprocket	Number	6
	Pitch	3/8"
Chain saw speed:		4 m / s MAX
Chain oil tank capacity:		90 ml
Number of Drive Chain Sections:		33
Bar	bar length	9.5 mm
	Cutting length	6.7 mm
	Pitch	3 / 8"
	Type	Sprocket head bar
Chain	Number	6
	Pitch	3 / 8"

NOTE: Compatible with DeWALT 20V MAX series lithium-ion batteries.

SYMBOL

The following shows the symbols that may be used with this equipment. Be sure to understand their meanings before using the tool.

	**Do not expose to moisture.**
	**Read the instruction manual.**
	**Wear a helmet, goggles and earmuffs.**
	**Wear protective gloves.**
	**Wear sturdy boots with non-slip soles.**
	**Watch out for electrical cords to avoid electrocution.**
	**Maintain a minimum distance of 15 m.**
	**Direction of chain movement.**
	**Chain oil tank.**
	**Burning Surfaces - Burns fingers or hands.**

SYMBOL

	**EU countries only** Waste electrical and electronic equipment, accumulators and general batteries may have a negative impact on the environment and human health due to the presence of hazardous components in this equipment.Do not dispose of electrical and electronic tools or batteries with ordinary household waste! According to the European Directive on Waste Electrical and Electronic Equipment, Accumulators and General Batteries, Waste Accumulators and General Batteries and its national amendments, waste electrical equipment, general batteries and accumulators should be stored separately and delivered to municipal waste collection points, where they will be disposed of in accordance with environmental regulations. This provision is indicated by the symbol for wheeled trash cans marked with the fork symbol.
	**Guaranteed sound power levels in accordance with the EU Outdoor Noise Directive.**

USE

▪ This tool is used to prune tree forks and branches.

SAFETY WARNING

General Safety Warning for Power Tools

> ⚠ ***WARNING:*** Read all safety warnings, instructions, illustrations, and regulations provided with the power tool. Failure to follow the instructions listed below can result in electric shock, fire or serious injury.

▪ Save all warnings and instructions for reference.

Workplace safety

01. Keep the workplace clean and bright. Messy and dark sites can cause accidents.
02. Do not operate power tools in explosive environments, such as those with flammable liquids, gases or dust. Sparks from power tools can ignite dust or gas.
03. Allow children and bystanders to operate power tools after they have left. Lack of concentration can cause the operator to lose control of the tool.

Personal safety

01. Stay alert, pay attention to what you are doing and stay awake when operating power tools. Do not operate power tools when you are tired, or when you have a reaction to drugs, alcohol or treatment. Momentary negligence while operating power tools can result in serious personal injury.

02. Use personal protective equipment. Always wear goggles. Safety devices, such as dust masks, non-slip safety shoes, helmets, hearing protection, etc., when appropriate, can reduce personal injury.
03. Prevent accidental starting. Ensure that the switch is in the OFF position when connecting the power supply and/or battery pack, picking up or carrying tools. Plugging in with fingers on switches that are energized or with switches energized can be hazardous.
04. Remove any adjustment keys or wrenches before turning the power tool on. Wrenches or keys left on rotating parts of the power tool can cause personal injury.
05. Don't stretch your hands too far. Always pay attention to the foothold and body balance. This will enable you to control the power tool well in the event of an accident.
06. Dress appropriately. Do not wear loose clothing or jewelry. Keep clothing, gloves, and hair away from moving parts. Loose clothing, jewelry, or long hair can get caught in moving parts.

Power tool use and precautions

01. Do not misuse power tools; use the appropriate power tool for the purpose. Choosing properly designed power tools will make you work more efficiently and safely.
02. If the switch does not turn power to the tool on or off, the power tool cannot be used. Power tools that cannot be controlled by the switch are dangerous and must be repaired.
03. Before making any adjustments, changing accessories, or storing the power tool, it must be unplugged from the power source and/or the battery compartment must be disconnected from the tool. This protective measure will reduce the risk of accidental starting of the tool.
04. Store unused power tools out of the reach of children and do not allow anyone unfamiliar with power tools or these instructions to operate them. Power tools are dangerous in the hands of untrained users.
05. Maintain power tools. Check whether the moving parts are adjusted in place or stuck, and check for broken parts and other conditions that affect the operation of the power tool.
06. Keep cutting tools sharp and clean. Well-maintained tools with sharp cutting edges are less likely to jam and are easier to control.

07. Use power tools, accessories, tool bits, etc., in accordance with the instruction manual, taking into account the operating conditions and the operations to be performed. Using power tools for operations that are incompatible with their purpose may result in danger.

Maintenance

01. Please perform simple cleaning and maintenance after each use, which will help to increase the service life of the equipment.
02. Follow the instructions in this manual when lubricating and replacing accessories.
03. The handle must be kept dry, clean and free of oil (grease).

SAFETY WARNING ON THE USE OF CORDLESS HIGH BRANCH SAWS

General Precautions

01. Before starting the tool, please read the instruction manual and familiarize yourself with the operation of the tool.
02. Never lend this tool to a person who lacks experience or expertise in operating the tool.
03. When lending out this tool, please be sure to include the instruction manual.
04. This tool should not be used by children or juveniles under the age of 18. Keep this tool out of the reach of these people.
05. Please be careful when using tools.
06. Do not use this tool after drinking alcohol or taking medication and when you are tired or unwell.
07. Never attempt to modify tools.
08. Do not use this tool in bad weather conditions, especially lightning. This reduces the risk of lightning strikes.
09. National regulations may restrict the use of the tool. Please follow local regulations regarding the use of the tool.

Personal protective equipment

01. Wear a safety helmet, goggles, and protective gloves to protect yourself from flying debris or falling objects.
02. Please wear ear protection such as earmuffs to avoid hearing damage.
03. Wear appropriate clothing and footwear (e.g. overalls and sturdy boots with non-slip soles) to ensure safe operation. Do not wear loose clothing or jewelry. Loose clothing, jewelry or long hair can get caught in moving parts.
04. Wear protective gloves when operating the saw chain or adjusting the chain tension. The saw chain may seriously cut bare hands.

Work area security matters

01. Ensure that tools are kept at least 15 m away from power lines and communication cables, including branches in contact with them. Tool contact or proximity to high voltage lines can cause serious injury or death. Check the electrical wiring and energized fencing of the work area before starting operations.
02. Operate the tool only in good visibility and daylight. Do not operate the tool in dark or hazy conditions.
03. Do not stand on slippery surfaces or steep slopes during operation. During the cold season, be alert for snow and ice and always ensure a firm footing.
04. During operation, ensure that bystanders or animals are kept at least 15 m away from the tool. Stop the tool immediately if someone approaches.
05. When working with two or more persons, make sure that you keep a distance of at least 15 m or more from each other and arrange for a person to supervise.
06. Before operating, check the work area for wire mesh, walls or other hard objects. Such objects can damage the saw chain.

Preparation

01. Turn off the tool and remove the battery pack before assembling or adjusting the tool.
02. Wear protective gloves before handling the saw chain or adjusting the chain tension.

03. Before starting the tool, check for damage, loose screws/nuts, or improper assembly. Sharpen dull saw chain. If the chain is bent or damaged, replace it. Check and make sure all levers and switches are working properly. Clean and dry the handle.
04. Never attempt to start the tool if it is damaged or not fully installed. Failure to do so may result in serious personal injury.
05. Please adjust the shoulder strap reasonably according to the operator's figure.
06. Adjust the chain tension properly. If necessary, refill the chain oil.

Starter kit

01. Wear personal protective equipment before starting the tool.
02. Ensure that there are no other people or animals in the work area before starting the tool.
03. When installing the battery pack, make sure the saw chain and guides are kept away from your body or other objects, including the ground. The saw chain may move during startup, which could result in serious personal injury, or damage to the saw chain and/or property.
04. Place the tool on solid ground. Maintain balance and stand firm.

Operation

01. In the event of an emergency, please close this tool immediately.
02. If you notice any abnormality (e.g. noise, vibration) during operation, turn off the tool. Do not use the tool until you have identified the cause and solved the problem.
03. The saw chain will continue to move for a short time after the tool is turned off. Do not rush to touch the saw chain.
04. Use the shoulder strap during operation. Keep the tool firmly on the right side of the body.
05. Whether you are used to using your left or right hand, be sure to hold the front handle with your left hand and the rear handle with your right hand. Hold the handle with all five fingers.
06. As the saw chain may come into contact with hidden wires, only grip the insulated handle when operating the tool. Contact of the saw chain with a "live" wire may "energize" the exposed metal parts of the extended trimming tool, resulting in electric shock to the operator.
07. Never attempt to operate this tool with one hand. Loss of control could result in serious or fatal injury. To reduce the risk of personal injury, keep hands and feet away from the saw chain.

08. Do not extend your hands too far when operating. Stand firmly on both feet and maintain balance at all times. Watch for hidden obstacles such as stumps, roots and ditches to avoid tripping. Clear other objects such as fallen branches.
09. Never work on ladders or trees to avoid losing control.
10. If the tool has been badly hit or dropped, check the condition of the tool before continuing work. If you have any damage or doubt, please contact official after-sales service through the email address on the warranty card, and we will handle it for you properly.
11. Do not touch the tool head. The tool head generates high temperatures during operation.
12. Pay attention to rest, so as to avoid fatigue operation leading to loss of control. It is recommended to take a 10 to 20 minute break every hour.
13. If you are leaving the tool, even for a short period of time, be sure to turn off the tool and remove the battery pack. A tool that is in running condition may be used by loiterers when left unattended and cause a serious accident.
14. Do not raise your right hand above your shoulder when operating tools.
15. Never touch the saw chain to hard objects such as stones or nails during operation. Particular care must be taken when cutting branches close to walls, barbed wire or similar objects.
16. If a tree branch gets stuck in the tool, be sure to stop the tool and remove the battery pack. Failure to do so can result in serious personal injury if started accidentally.
17. If the saw chain is clogged, turn off the tool and remove the battery pack before cleaning.
18. Increasing the tool speed when the saw chain is blocked will result in higher loads and damage to the tool.
19. Before cutting tree forks, arrange an area where you can avoid falling tree forks. First, remove obstacles such as forks and branches from the work area. Move all tools and objects in the shelter area to another safe area.
20. Before cutting branches and forks, determine the direction in which they will fall, taking into account the condition of the branches and forks, the adjacent trees, the direction of the wind and other factors. Particular attention shall be paid to the direction of fall of the branch and the rebound of the branch when it hits the ground.
21. Do not grip the tool at an angle of more than 60°. Otherwise falling objects may strike the operator and cause serious injury. Never stand underneath the fork of the tree you are currently cutting.

22. Watch out for broken or bent branches. These branches may rebound when cut and cause accidental injury.
23. Before cutting the desired fork, remove the branches and leaves around it. Otherwise the saw chain may get stuck.
24. To prevent the saw chain from getting stuck in the cutout, never release the lever before pulling the saw chain out of the cutout.
25. If the saw chain adheres to the cut, stop the tool immediately and carefully move the branch to open the cut and remove the chain.
26. Avoid kickback (rotational reaction force toward the operator). To prevent kickback, never use the end of the guide or make a penetrating cut. Always note the position of the guide plate end.
27. Check chain tension frequently. When checking or adjusting the chain tension, turn off the tool and remove the battery pack. If the chain is too loose, tighten it.

Transport

01. Before transporting the tool, turn it off and remove the battery pack. The guide sheath should always be installed during transportation and carried horizontally.

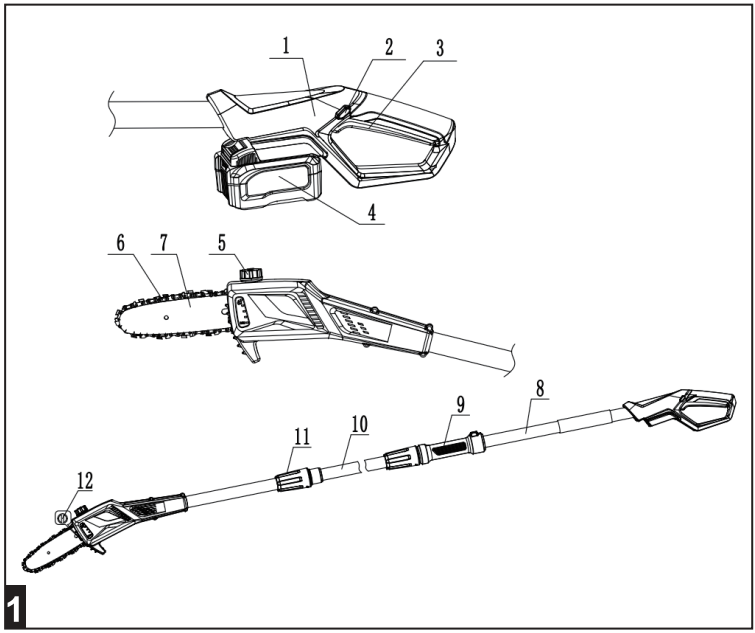
Maintenance

01. Always turn off the tool and remove the battery pack before performing maintenance or repair work or cleaning on the tool. Wait for the tool to cool completely.
02. Always wear protective gloves when handling the saw chain.
03. After each use, tighten all screws and nuts, except the adjusting screw.
04. Keep the saw chain sharp. If the saw chain becomes dull and cuts less well, contact a Titan authorized service center for sharpening or replacement.

Storage

01. Before storing the tool, clean and maintain it thoroughly. Install the guide plate cover. Remove the battery pack. Allow the tool to cool down and drain the chain oil.
02. Please place the tool in a dry, high or locked position to avoid access by children.
03. Do not lean the tool against a wall or other object. Otherwise it may fall and cause personal injury.

COMPONENT DESCRIPTION



1	Rear handle	2	Self-locking button
3	Power switch	4	Battery pack (Not included)
5	Petrol cap	6	Chain
7	Bar	8	Aluminium tube
9	Front handle	10	Extension rod
11	Locking sleeve	12	Chain adjusting screws

FUNCTIONAL DESCRIPTION

⚠***CAUTION:*** Always turn off the power to the tool and remove the batteries before adjusting or checking the function of the tool.

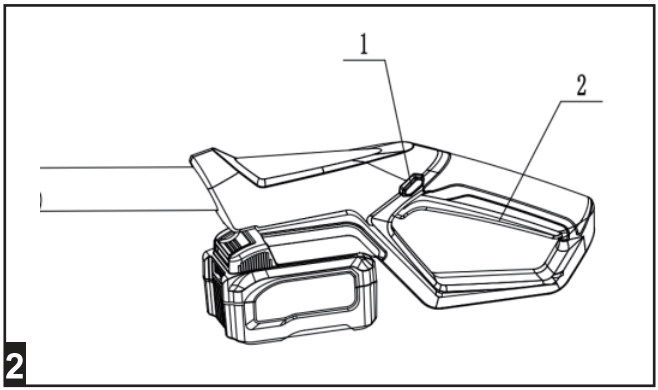
Installing or removing the battery pack

⚠***CAUTION:*** Always turn off power to the tool before installing or removing the battery pack.

⚠***CAUTION:*** Hold the tool and battery pack firmly when installing or removing the battery pack. Otherwise they may slip out of your hands, causing damage to the tool and battery pack or even personal injury.

Switch operation

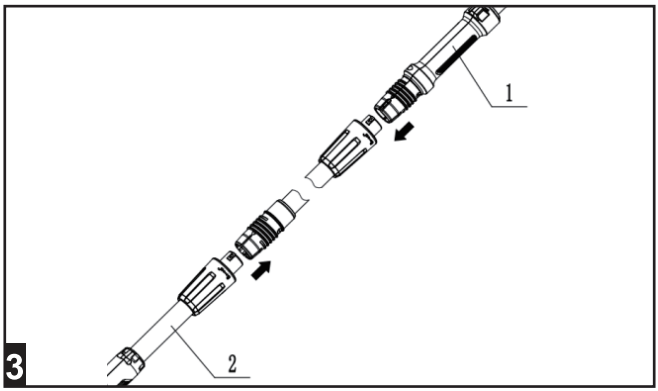
▪ To prevent the user from inadvertently pulling the switch trigger, the tool utilizes a self-locking button. To start the tool, press the self-locking button and pull the on/off trigger. Release the on/off trigger to stop the tool.



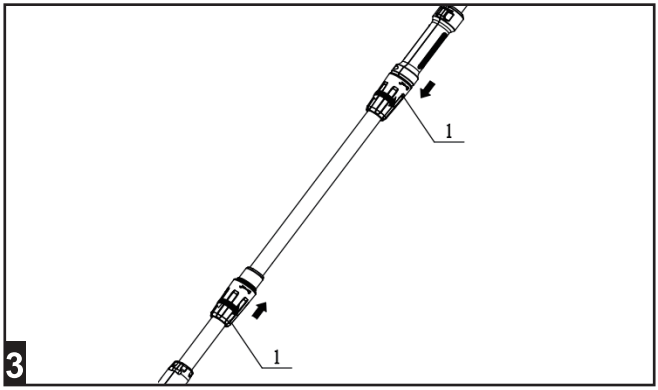
► **1. Self-locking button 2. Switch trigg**

Adjustment of tube length

▪ To lengthen or shorten the pipe, add or remove the center connecting rod, then adjust the length of the pipe and tighten it by turning the locking sleeve in a clockwise direction.



► **1. Locking sleeve 2. Extension bar**



► **1. Locking sleeve**

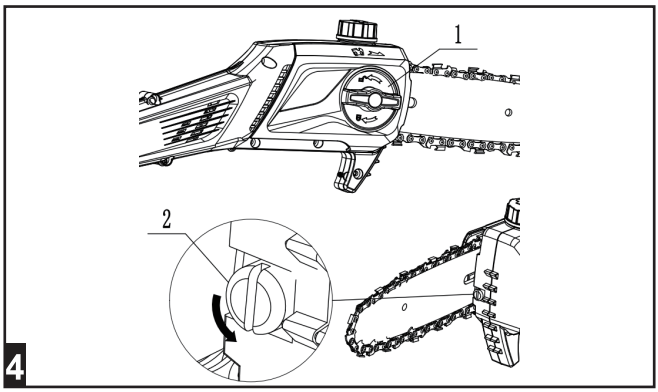
Removing or installing the saw chain

⚠***CAUTION:*** The saw chain and guides will remain hotter after operation. Allow the tools to cool sufficiently before performing any operations on them.

⚠***CAUTION:*** Chain installation and removal should be performed in a clean sawdust-free or similar location.

- To remove the saw chain, perform the following steps:

1.Loosen the chain adjusting screw and locking knob successively.

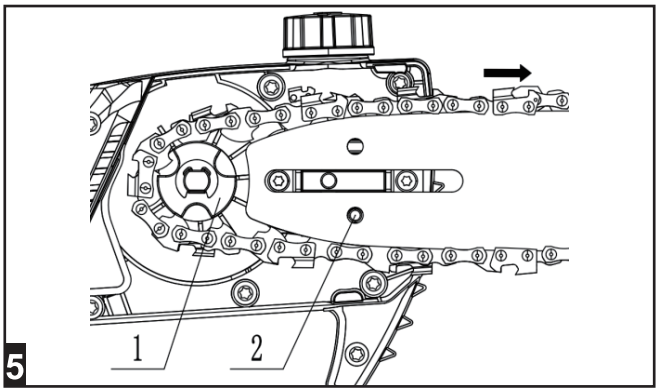


► **1. Locking knob 2. Chain adjusting screws**

2.Remove the chain plate cover, then remove the guide plate and chain from the tool body.

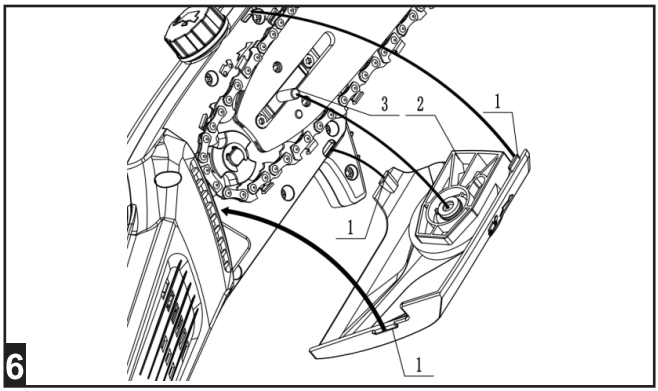
To install the saw chain, perform the following steps:

1.Check the orientation of the saw chain. Make the direction of the saw chain match the direction marked on the tool body.
2.Install one end of the saw chain on the top of the guide plate. Install the other end on the sprocket. Install the saw chain on the sprocket correctly and make sure it is properly seated in the guide plate groove.
3.After confirming that the holes in the guide plate align with the pins on the tool body, install the guide plate onto the tool body.



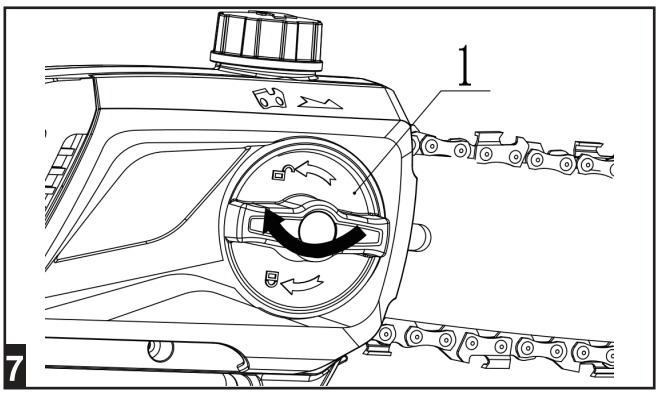
► **1. Sprocket 2. Hole**

4.Insert the raised portion of the chain plate cover into the body of the tool, then close the chain plate cover so that the bolt on the body of the tool touches the corresponding portion of the chain plate cover.



► **1. Raised part 2. Chain plate cover 3. Bolt**

5.Tighten the locking knob to secure the chain plate cover, then loosen it slightly to adjust the tension.



► **1. Locking knob**

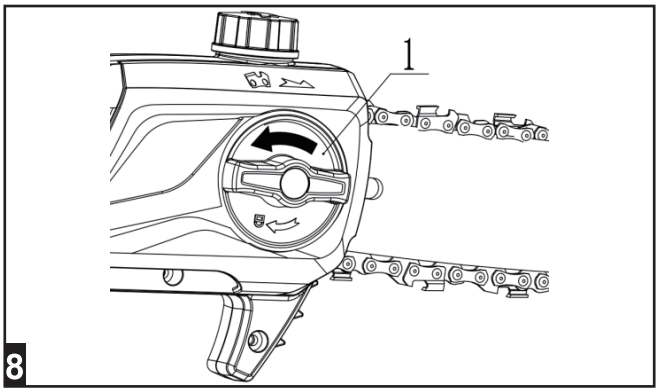
Adjusting chain tension

⚠ ***CAUTION:*** Do not over-tension the chain. Over-tensioning the chain may cause the saw chain to break and the guides to wear out.

⚠ ***CAUTION:*** Too loose a chain will cause it to detach from the guide and may cause personal injury.

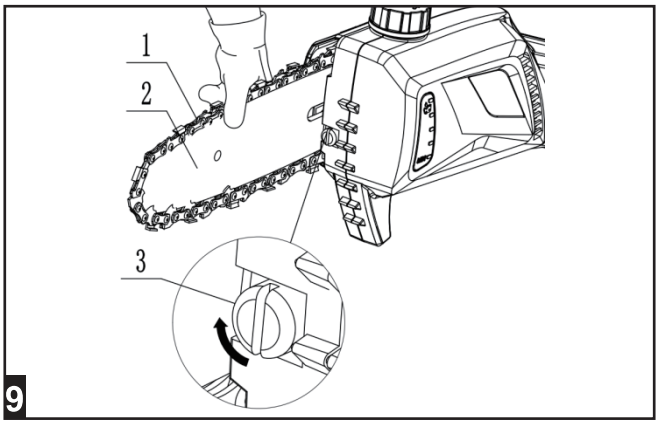
- The chain may become loose after a few hours of use. Always check the chain tension before use.

1.Slightly loosen the locking knob to slightly loosen the chain plate cover.



► **1. Lock Nut**

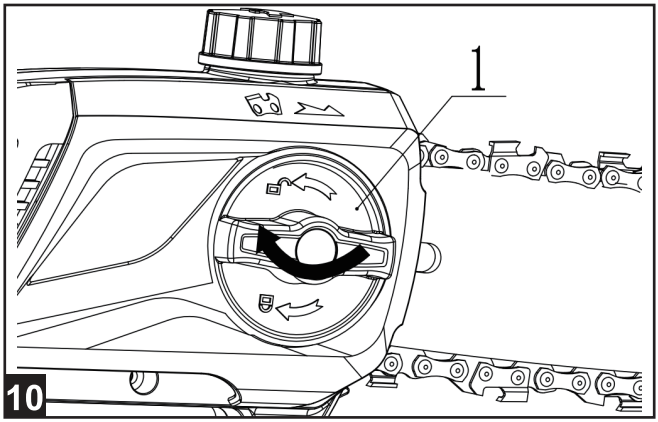
2.Gently lift the top of the guide and adjust the chain tension. Turn the chain adjusting screw counterclockwise to loosen it and clockwise to tighten it.
Tighten the saw chain until the lower side of the chain engages the guide rail as shown in the diagram.



► **1. Chain 2. Bar 3. Chain adjusting screws**

3.Gently grasp the bar and install the sprocket guard. Make sure the saw chain underneath does not come loose.

4.Tighten the locking knob to secure the chain plate cover.



► **1. Locking knob**

lubricant

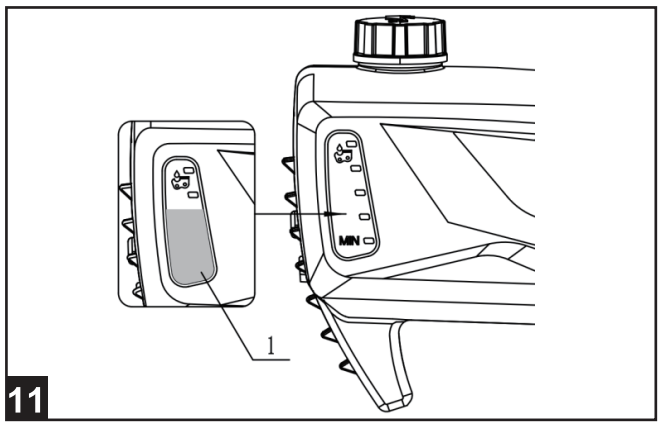
⚠***NOTE:*** When filling the chain oil for the first time or when refilling an empty tank, fill to the bottom edge of the oil filler neck. Otherwise, the oil supply system may be damaged.

⚠***NOTE:*** Never use lubricants or volatile greases that contain dust and particles.

⚠***NOTE:*** When pruning tree branches, use vegetable-based grease. Using mineral oils may damage the tree.

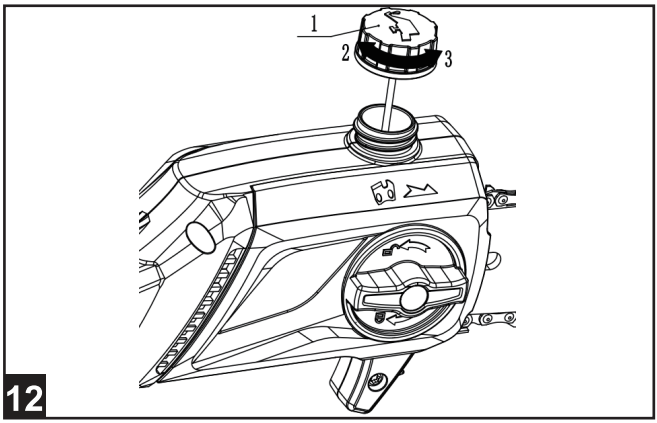
⚠***NOTE:*** Before starting to cut, make sure the supplied gas cap is tightened in place.

▪ Automatically lubricates the saw chain when the tool is running. Regularly check the amount of oil remaining in the tank.



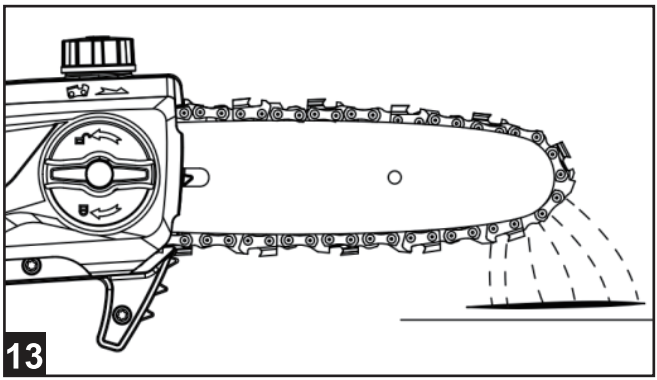
► **1. Oil Tank**

▪ To add oil to the tank, place the tool on a flat surface and unscrew the oil tank cap. The appropriate amount of oil is 85 ml. After filling the tank, make sure that the that the fuel tank cap is securely tightened.



► 1. Oil tank cap 2. Tighten 3. Loosen

▪ After completing the oiling, hold the tool in a position away from the tree. Start the tool and wait for the saw chain to be fully lubricated.



Operating Tools

⚠***CAUTION:*** Keep all body parts at a distance from the chain saw when the motor is in operation.

⚠***CAUTION:*** Hold the tool firmly with both hands while the motor is running.

⚠***CAUTION:*** Do not extend your hand too far when operating. Stand firmly on both feet when operating and always maintain balance.

⚠***CAUTION:*** When cutting branches, please be careful to avoid losing balance due to the weight of the tool head.

⚠***CAUTION:*** To prevent cutting branches from falling and injuring the operator, plan an evasive route in advance.

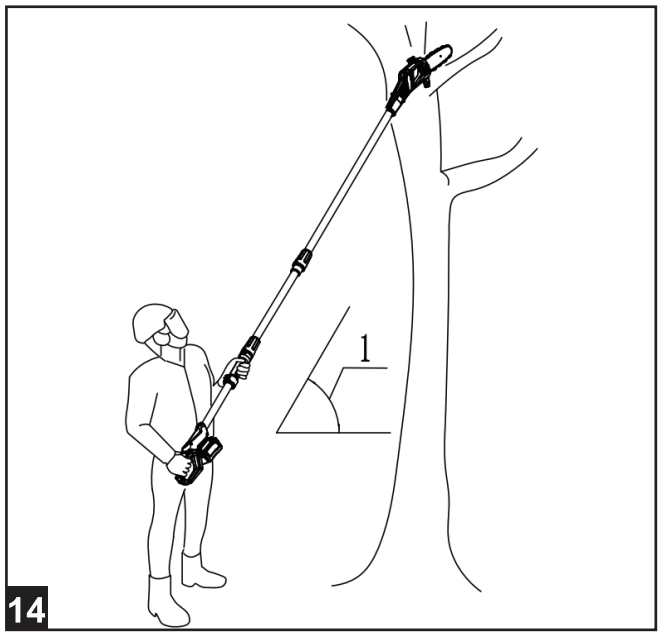
⚠***CAUTION:*** Never use the end of the guide plate for cutting. Failure to do so can cause dangerous kickback and result in personal injury.

⚠***CAUTION:*** Never throw or drop tools.

⚠***CAUTION:*** Do not cover tool vents.

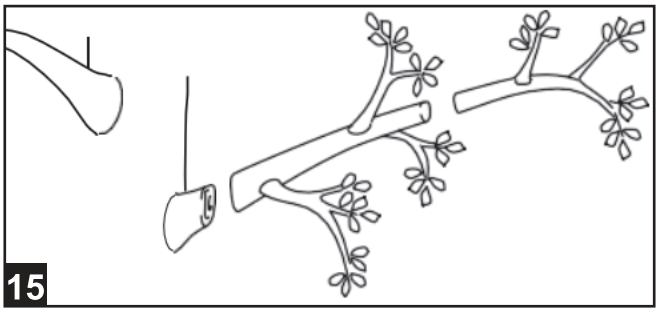
⚠***CAUTION:*** Do not press the tool strongly. Otherwise the tool may be damaged.

- Stand on a stable surface and grasp the tool away from the branches, making sure the angle between the tool and the horizontal ground is 60° or less.



► **1. 60°or less**

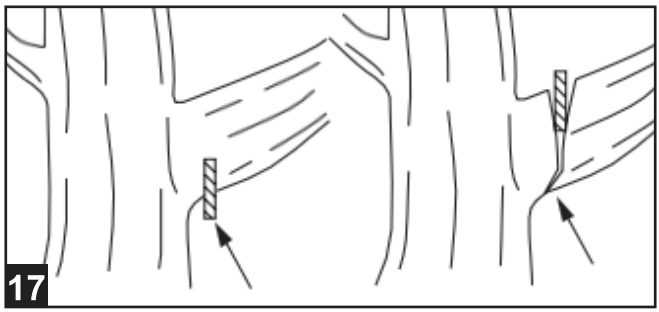
▪ Start the tool, then gently press the saw chain against the branch.
When cutting long branches, to control where the cut branch falls, divide the branch into sections and cut the branch from the tip. The falling branch may bounce back toward the operator when it hits the ground, so keep an eye on the branch as it falls.



▪ When cutting thick branches, first make a shallower incision in the lower part and finish the cut from the upper part.



▪ If you try to cut a solid branch completely from the lower part, the branch may pinch and squeeze the saw chain during the cutting process. If you try to cut a solid branch completely from the top without making a shallower cut in the lower part, the branch may split.



MAINTENANCE

⚠***CAUTION:*** Always turn off the power to the tool and remove the battery pack before checking or servicing the tool.

⚠***CAUTION:*** Always wear gloves when performing any inspection or maintenance work.

⚠***CAUTION:*** Never use gasoline, benzene, thinner, alcohol or similar items to clean the tool. Failure to do so may result in discoloration, deformation or cracks in the tool.

Grinding Chains

The chain needs to be sanded when the following conditions occur:

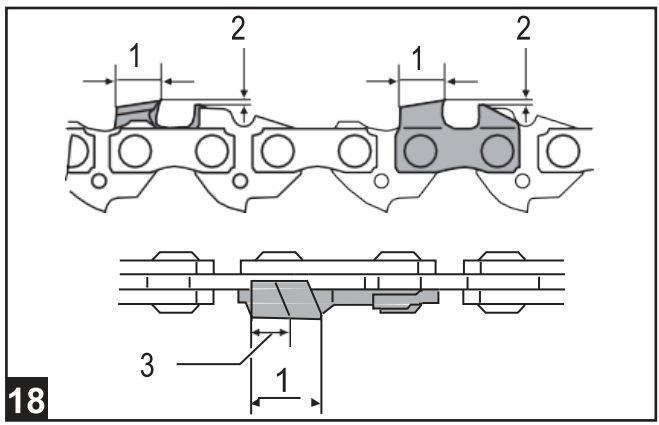
• Powdered sawdust from cutting wet wood;

• It is difficult for the chain to penetrate the wood, even with greater force applied;

• Visible damage on cutting edges;

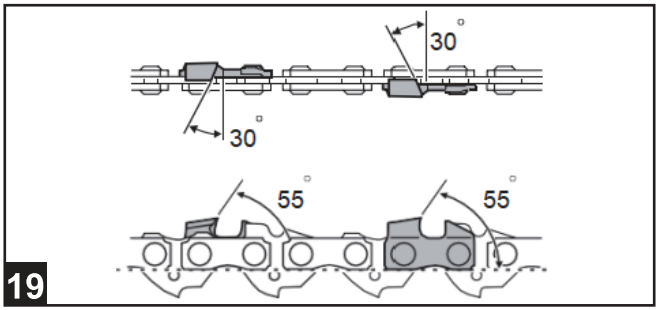
• The chain saw swings from side to side in the wood. (This condition is caused by uneven chain grinding or damage to only one side of the chain. (This condition is due to uneven grinding of the chain or damage to only one side)

> ⚠ ***WARNING:*** Too much distance between the cutting edge and the depth gauge increases the risk of rebound.

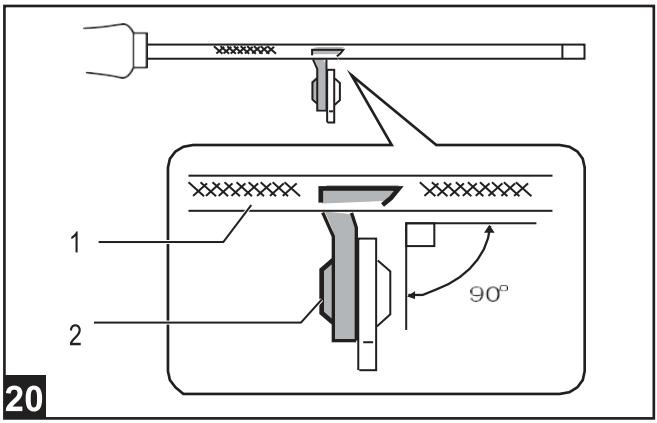


► 1. Blade length 2. Distance between cutting edge and depth gauge 3. Minimum blade length

- All saw blades must be of equal length. Saw blades of unequal lengths will prevent the chain from running smoothly and may cause the chain to break.
- Do not resharpen the saw chain when the saw blade length is 3 mm or less.
The saw chain must be replaced with a new one.
- Fragment thickness depends on the distance between the depth gauge (round tip) and the cutting edge.
- The following distance between the cutting edge and the depth gauge gives the best cutting results



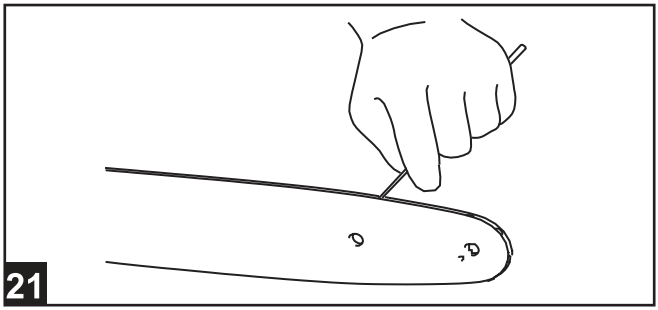
- All saw blades must be sharpened at the same 30° angle. Different blade angles will cause the chain to run unevenly, accelerating wear and breaking the chain.
- Use a suitable round file to ensure the correct angle of serration.
- File should be used to sharpen the saw blade in one direction forward only. Do not allow the file to contact the blade when pulling back.
- Sharpen the shortest blade first. The length of the shortest blade is then the standard length for all other blades on the saw chain.
- Operate the file as shown.



► **1. File 2. Saw chai**

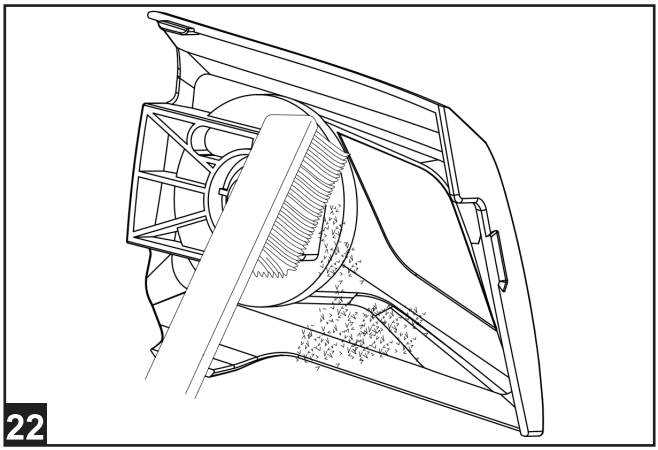
Clean sprocket

- Chips and sawdust can accumulate in the guide plate grooves. They can clog the guide grooves and prevent oil supply. Remove chips and sawdust every time you sand or replace the chain.



Clean the sprocket guard

- Debris and sawdust can accumulate inside the sprocket cover. Remove the sprocket guard and saw chain from the tool, then remove debris and sawdust.

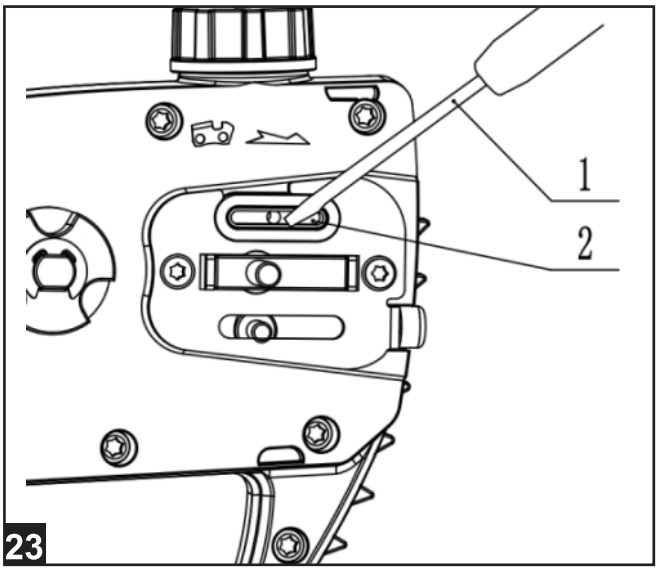


Clean oil drain holes

▪ During operation, fine sawdust or particles may accumulate in the oil drain hole. These sawdust or particles may prevent oil from draining and cause the entire chain not to be adequately lubricated. When poor oil supply occurs on the upper part of the guide plate, clean the oil drain hole as follows.

1.Remove the chain plate cover, guide plate and chain from the tool.

2.Use a one-pronged screwdriver or similar tool to remove fine sawdust or particles.



► 1. One-head screwdriver 2. Oil drain hole

3.Insert the battery pack into the tool. Pull the on/off trigger to remove sawdust and particles that have accumulated on the drain hole by draining the chain oil.

4.Remove the battery pack from the tool. Reinstall the chain plate cover, guides and chain to the tool.

Depository Tools

1.Clean the tool before storing. Remove all debris and sawdust from the tool after removing the chain plate cover.
2.After completing tool cleaning, run the tool under no load conditions to lubricate the chain and guides.
3.Put the guide sleeve on the guide plate and remove the extension.
4.Empty the oil tank.

Regular Maintenance Guide

▪ In order to ensure a long service life, prevent damage to the appliance and ensure that the safety functions are fully operational, the following maintenance should be carried out at regular intervals. Warranty claims can only be processed if proper maintenance is carried out on a regular basis. Failure to carry out maintenance in accordance with these specifications may result in accidents! The user of this tool must not carry out maintenance work that is not described in the operating instructions.

ABOUT WARRANTY

Q: Do you have warranty for this product?

A: We strictly abide by the Amazon regulations which cover a full refund or a free replacement within 30 days since your purchase. Additionally, we offer a one-year warranty, if there are any problems with this product, please always feel free to contact us at **support_heinpro@yeah.net**. We promise our team always stands behind our product and we will try our best to offer you a better user experience.