



OPERATING INSTRUCTIONS

**MODEL: LS 3325 PPS
PETROL POLE-CHAINSAW**



Extension tube not shown

T-820-25

Thank you for purchasing the Lawn Star Pole-chainsaw which is one of the finest and most advanced Pole-chainsaws today's technology can produce. Before you begin using it, please read this manual carefully and familiarise yourself with the control and the proper use of this product to ensure you get the best possible performance from it.



IMPORTANT INSTRUCTIONS FOR YOUR PERSONAL SAFETY

Before using the Pole-chainsaw, read the operating instructions and act accordingly. **ATTENTION:** You run the risk of injury if you use the Pole-chainsaw incorrectly. It is imperative that you read these Operating Instructions and follow the instructions given.

We recommend that first-time users must obtain practical training in the correct use of the Pole-chainsaw and the required safety equipment from an experienced operator.

WARNING: Petrol and its vapours are highly flammable. Always stop the engine before refuelling. Do not smoke or light any flames while refuelling. Wipe off any fuel that may have spilled. Start the engine away from the place where it was refuelled. Ensure the tank cap is tightened properly. Return the Pole-chainsaw to its normal operating position before starting. **CAUTION:** Exhaust fumes are toxic and asphyxiating. Inhalation may be lethal. Do not start the engine in closed or poorly ventilated environments.

A) General safety instructions

- Do not allow children less than 18 years of age, nor anyone who is not familiar with these instructions to use the Pole-chainsaw.
- The Pole-chainsaw should be used by trained and experienced persons only.
- Keep the operating instructions together with the Pole-chainsaw for future reference.
- Do not operate this Pole-chainsaw when tired, ill, or under the influence of alcohol, drugs or medication.
- Only operate the Pole-chainsaw if physically fit and alert.
- Obey all safety instructions and warnings.
- Ensure that children and other spectators are kept a safe distance from the working area.

B) Instructions on the proper use of personal protective clothing

Working with a Pole-chainsaw requires special measures with regard to protective equipment and clothing suitable for protecting your head, hands, feet, legs, eyes and ears.

- Keep body parts away from the chain.
- Do not wear loose fitting clothing which can get caught in moving parts.
- Always wear an approved safety helmet when felling trees and removing branches.
- Always wear safety goggles and/or a face guard.
- Always wear suitable protective gloves.
- Wear ear protection to avoid damage to your hearing.
- Wear safety clothing including sturdy, non-slip footwear.
- Wear leg guards.

C) Instructions on the safe use of the Pole-chainsaw



ATTENTION: Read the operating instructions carefully and familiarise yourself in the correct use of the Pole-chainsaw before using it for the first time.

- Use only genuine Lawn Star (Pty) Ltd. replacement parts when servicing or repairing the unit. These parts are listed in the operating instructions and are available from your supplying dealer or service agent.
- Repairs may only be performed by authorised service agents.
- Avoid dangerous environments. Do not use the unit in poor light or in damp or wet locations. Do not use in the rain. Do not over-reach. Ensure good footing and balance is maintained.
- Check the Pole-chainsaw for damage before every use. Pay special attention to the chain-bar and chain. If any part is damaged or worn, repair or replace before operation.
- Always hold the Pole-chainsaw firmly with both hands while working with it.
- No other person may be within the working range of the Pole-chainsaw.
- When not in use put the Pole-chainsaw down in such a manner that there is no risk of injury.
- Always use the chain bar cover when transporting the Pole-chainsaw.
- When starting the Pole-chainsaw, ensure that the chain and bar is free.
- Before starting work ensure good footing.
- Never cut with the tip of the bar – the Pole-chainsaw may recoil (“kick-back”)
- Do not use the Pole-chainsaw near combustible gases or dust – danger of explosion.
- The Pole-chainsaw may only be used with all safety guards and features completely assembled. Ensure all screws and nuts are properly tightened before use.
- Switch the Pole-chainsaw off immediately if you notice any changes in the machine.
- Always have a first-aid kit at hand in case of accidents.
- If the chain comes into contact with soil, stones, nails or other foreign objects, stop the Pole-chainsaw immediately and check the chain as well as the bar.
- Never leave the Pole-chainsaw unsupervised.
- Ensure that no chain oil penetrates into the soil or sewage. Always place the Pole-chainsaw on something that will absorb any oil dripping from the bar or chain.
- Switch off the Pole-chainsaw immediately if it becomes blocked. Visually inspect the Pole-chainsaw for damage. Note, if the Pole-chainsaw is damaged, repairs and servicing must only be performed by authorised dealers and service agents.
- Never remove any of its components and never use a damaged or incomplete machine. Never modify any of the machine components. DO NOT fasten tools or accessories to the Pole-chainsaw that are not specified by the manufacturer.
- Do not use your Pole-chainsaw for any jobs other than those for which it was intended.
- **ATTENTION: Safety features are designed to protect you against injuries and must not be altered or circumvented.**

D) Warning: Danger of recoil (“kickback”)



WARNING: Kickback may occur when the motor is running and the nose or tip of the guide bar touches an object, or when the wood closes in and pinches the saw chain in the cut. Top contact in some cases may cause a lightning fast reverse reaction, kicking the guide bar up and back towards the operator. Pinching the saw chain along the top of the guide bar may push the guide bar rapidly back towards the operator. Either of these reactions may cause the operator to lose control of the saw and may cause serious personal injury.

As a Pole-chainsaw user you should take several steps to keep cutting jobs free from accident or injury.

With a basic understanding of kickback you can reduce or eliminate the element of surprise. Sudden surprise contributes to accidents:

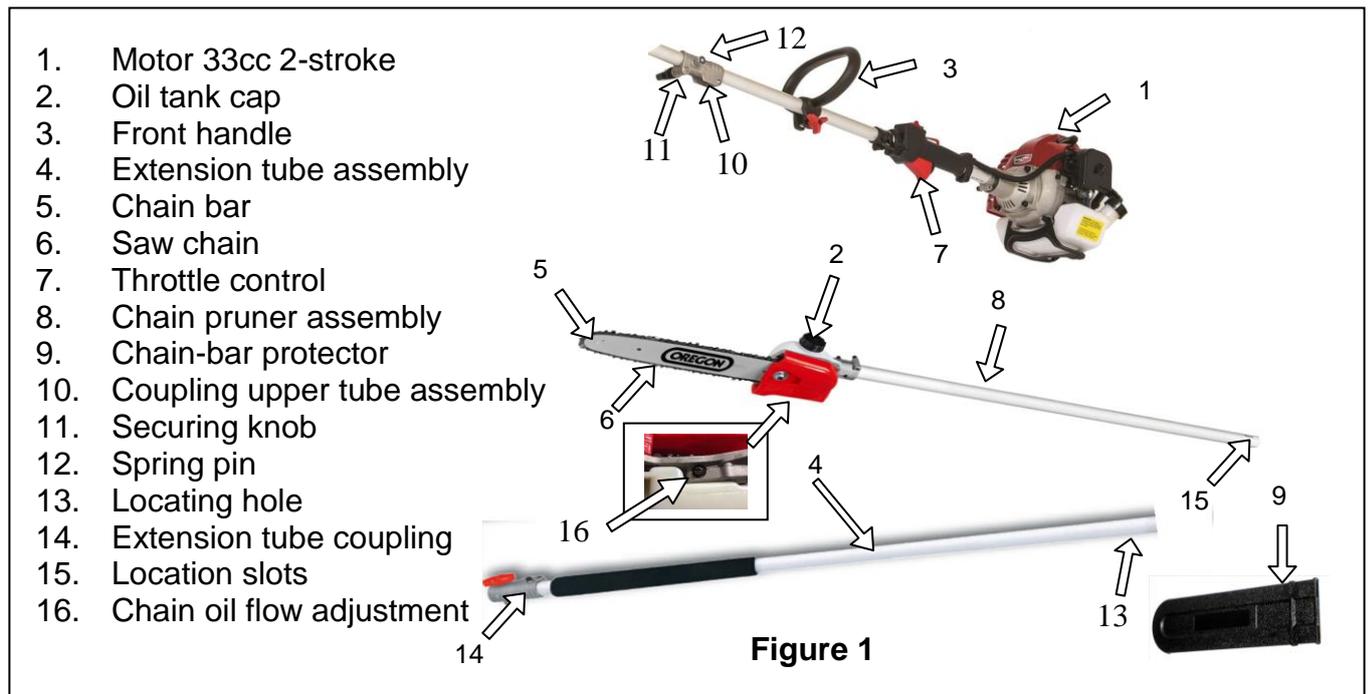
1. Do not touch wood, branches or any other obstruction with the chain bar tip.
2. Always be aware of the bar tip in relation to other objects.
3. Begin cutting only once the Pole-chainsaw is at operating speed. Never start the machine while the chain rests on an object.
4. Piercing cuts with the bar tip may only be performed by trained and experienced operators.
5. Keep a good grip on the saw with both hands, the right hand on the rear handle, and the left hand on the front handle, when the motor is running. Use a firm grip with thumbs and fingers encircling the Pole-chainsaw handles. A firm grip will help you reduce kickback and maintain control of the saw.
6. Make certain that the area in which you are cutting is free from obstructions.
7. Do not overreach.
8. Ensure the chain is always sharp. Follow the manufacturer’s maintenance instructions for saw chain.
9. Only use replacement bars and chains specified by the manufacturer or the equivalent.

E) Instructions on safe working techniques

- Before starting to work ensure that there is sufficient light.
- Always maintain a normal body posture when operating the device. Always keep your balance.
- Do not work with your body bent forwards.
- Ensure that you are standing securely and do not work on snow, ice or newly barked wood. Danger of slipping!
- Do not work on ladders, scaffolding, or walls.
- Use the Pole-chainsaw only to cut wood. Do not cut plastics or other material.
- Ensure that the wood cannot twist while it is being cut.
- Watch out for splintering wood. While you are sawing you may be injured by flying wood chips.
- Do not use the Pole-chainsaw to lever or move the wood.
- Only cut with the lower section of the saw. The saw will be repulsed towards you if you try and cut with the upper section of the saw.
- Ensure that the wood is free from stones, nails and other foreign objects.
- Keep the running chain from touching the ground or wire fences. Do not cut thin wood or timber that is already sawn into small pieces.

ASSEMBLY OF POLE-CHAINSAW

Your Pole-chainsaw package contains the following items as illustrated in figure 1.



Assembling the Pole-chainsaw:

CAUTION: The saw chain has very sharp edges. Always use safety gloves when assembling the chain.

1. Ensure the Pole-chainsaw is switched off.
2. Fit front handle (Fig 1-3) to Extension tube (Fig 1-10) by clipping the handle over the shaft and secure with bolt and knobs supplied with handle.
3. Loosen securing knob (Fig 1-11).
4. Insert extension tube assembly (Fig 1-4) into motor housing coupling (Fig 1-10).
5. Align both drive shafts so that tube can be fully inserted into coupling.
6. Align spring pin (Fig 1-12) with locating hole in tube assembly (Fig 1-13).
7. Release spring pin (Fig 1-12) and rotate tube assembly until spring pin clicks into place.
8. Tighten securing knob (Fig 1-11) to secure extension tube.
9. Loosen securing knob on extension tube coupling (Fig 1-14).
10. Align slots in chain saw attachment tube (Fig 1-14) with pins in extension tube coupling.
11. Align drive shafts and slide chain saw attachment tube into place.
12. Tighten securing knob to secure tube.
13. Fill chain lube oil tank with Lawn Star chain lube (Stock code: 90-30000) by removing oil tank cap (Fig 1-2) and filling with chain lube supplied.
14. Chain oil flow rate can be adjusted. rotate screw (Fig 1-16) clock-wise to increase flow rate.

Note: The Pole-chainsaw must never be operated without chain oil

Tensioning the chain:



Note: before you start tensioning the chain:

- Check to ensure that chain is running in the correct direction (Fig.4)
- Make sure that all the chain links are seated inside the groove of the guide bar.
- Chain is correctly meshed with chain sprocket

1. Loosening the chain bar securing nut (Fig.2-1) by rotating it anti-clockwise.
2. Adjust the chain tension by rotating the screw (Fig.2-2) clockwise to tighten chain and anti-clockwise to loosen it.
3. Adjust chain until there is a 3mm gap between chain and bar when lightly pulled (Fig.2-3)

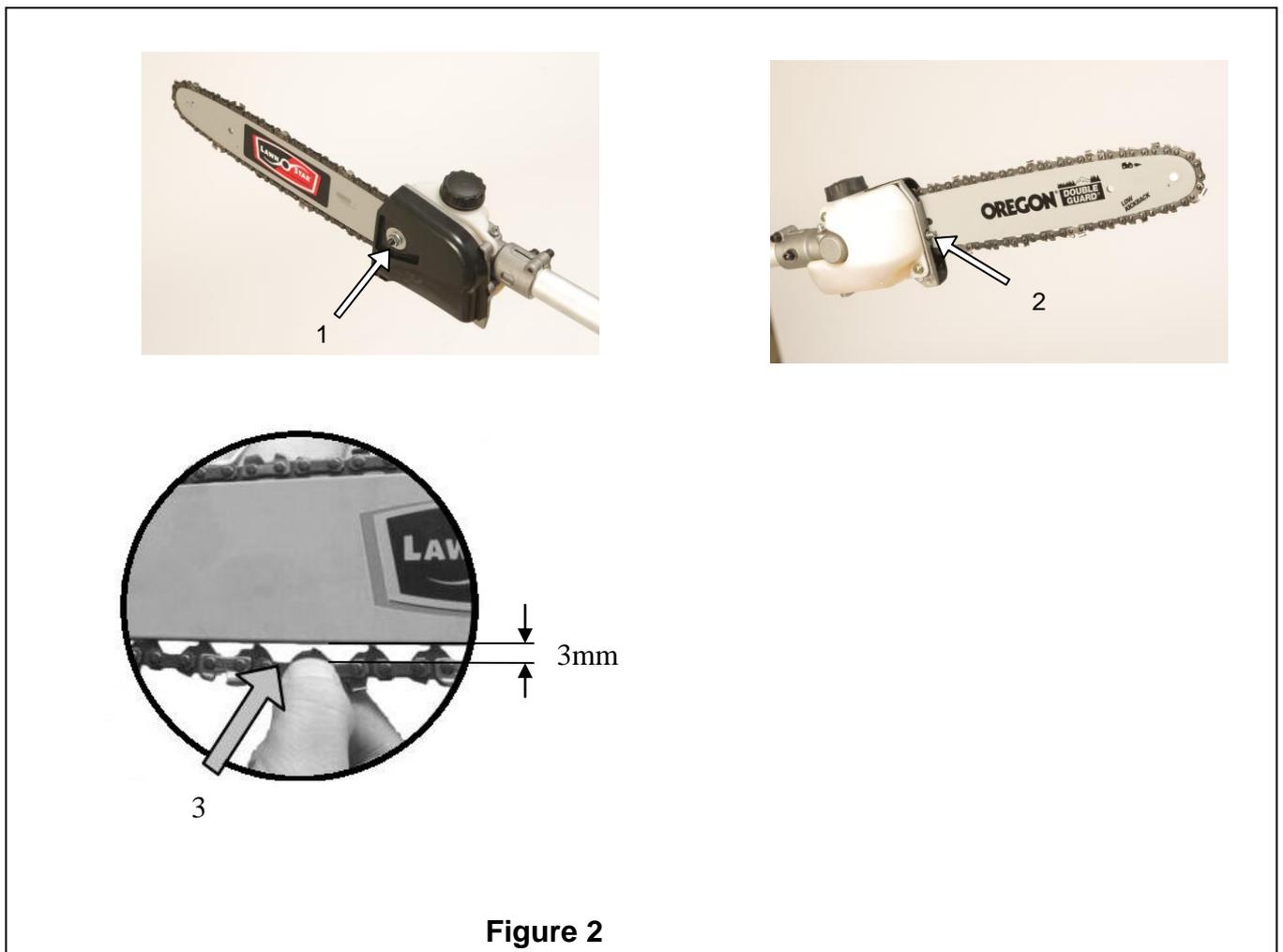


A new Pole-chainsaw requires a running-in period of approximately 5 minutes. Chain lubrication is very important during the running-in period. After running-in, check tension and re-tension if necessary. The chain must be re-tensioned immediately if it shakes or leaves the groove.

Check to ensure that chain is running in the correct direction (Fig.4)

NOTE: The chain tension has a significant effect on the life of the Pole-chainsaw, and must therefore be checked regularly. Check and re-adjust the tension frequently as a loose chain can easily de-rail or cause rapid wear of itself and the guide bar. When the chain warms up to operating temperature it will expand a little and must be re-tensioned. A new chain will have to be tensioned more frequently.

If the saw chain is re-tensioned when hot, it must be loosened again when the sawing work has been completed. Otherwise the contraction, which takes place when the chain cools off, will result in excessively high tension.



CHAIN OIL

- The Pole-chainsaw must never be operated without chain oil as this will cause damage to the chain, bar, and motor. No claims under warranty can be accepted if damage occurs due to the Pole-chainsaw being operated without chain oil.
- Use Lawn Star chain lube Stock code 90-30000
- Before filling the oil tank, remove the mains plug.
- Unscrew the cap (Fig.1 No.2) and fill the tank using a funnel and replace the cap securely.
- The oil level can be seen through the oil tank.
- Remove the chain oil from the oil tank if the Pole-chainsaw is not used for a long period.
- The oil tank should be emptied before the Pole-chainsaw is transported.
- After use, lay the Pole-chainsaw horizontally on an absorbent surface.
- Chain oil flow rate can be adjusted. Rotate screw (Fig 1-16) clock-wise to increase flow rate. There are 3 positions factory setting is position 1. Fully anti-clockwise.

FUELLING

This product is equipped with a 2-stroke engine which requires 2-stroke lubricating oil to be pre-mixed with petrol. Use only genuine Lawn Star 2-stroke engine oil (Part No. 90-20000) and use lead-free petrol (Octane 95). Mix both thoroughly (as per fuel-mix ratio) in a separate container. Always prepare the fuel-mixture and refuel the trimmer outside in a well ventilated environment (Fig.4). Do not smoke! Do not use marine or automotive 2-stroke oil.

Fuel-mix ratio for normal 2-stroke engine oil - 1:25 (4%) e.g. 40 ml of oil per 1 litre of petrol Always stop the engine before refuelling. Do not smoke or light any flames while refuelling. Wipe off any fuel that may have spilled. Start the engine away from the place where it was refuelled. Ensure the tank cap is tightened properly. Return trimmer to its normal operating position before starting.

BEFORE USING THE POLE-CHAINSAW

- Before proceeding to your job, read “IMPORTANT INSTRUCTIONS FOR YOUR PERSONAL SAFETY” section.
- Always follow the safety procedures and guidelines.
- Check Pole-chainsaw for damage before starting work.
- Ensure that the chain tension is correct. If the chain is too loose, it may come off during use and lead to injuries. The chain must be replaced immediately if it is damaged.
- Check the sharpness of the chain every time before using the Pole-chainsaw. A new chain must be used if the chain is blunt.
- It is recommended to first practice sawing on smaller easier-to-cut branches. This helps to get accustomed to the Pole-chainsaw.

STARTING COLD ENGINE AND STOPPING (FIGURE 3)

- STEP 1. Switch the ON/OFF switch to the “ON” position.
- STEP 2. Lift the choke lever located to the right of the carburettor cover and place it in the (H) closed position.
- STEP 3. Repeatedly press the primer bulb until the fuel is pumped back to the tank through the second transparent pipe
- STEP 4. Grip the throttle control handle by pressing the trigger lock-off lever with the palm of the hand(1), then fully depress the throttle trigger(2) with your fingers and simultaneously push in the throttle lock-on button(3) with your other hand.
- STEP 4. While holding the throttle lock-on button(3) down, release the throttle trigger(2). This will lock-on the throttle trigger so that both hands are free to start the engine.
- STEP 5. Pull the starter cord three times fully. The engine might start or attempt to start.
- STEP 6. Set the carburettor lever to run (III) position.
- Pull the starter cord repeatedly until the engine starts and allow to run for a few seconds.
- Depress the throttle trigger and the throttle lock-off button will release automatically. The engine will idle and the clutch will disengage causing the chain to remain stationary.
- To stop the engine switch the ON/OFF switch to the “OFF” position.

STARTING WARM ENGINE

- Proceed as with cold engine start but with the choke lever in the run position III.

Warning Symbols	
SYMBOL	EXPLANATION
	Attention! Observe the following safety warnings
	Keep bystanders at least 15 metres away from the trimmer during operation
	Read operating instructions
	Wear eye protection
	Do not operate the Pole-chainsaw in the rain

The following symbols appear on the chain saw. For safe operation and maintenance, please know what the symbols mean:

	Chain direction: Symbol of chain and arrows show which direction to assemble the chain on the chain bar and machine.
	Chain oil

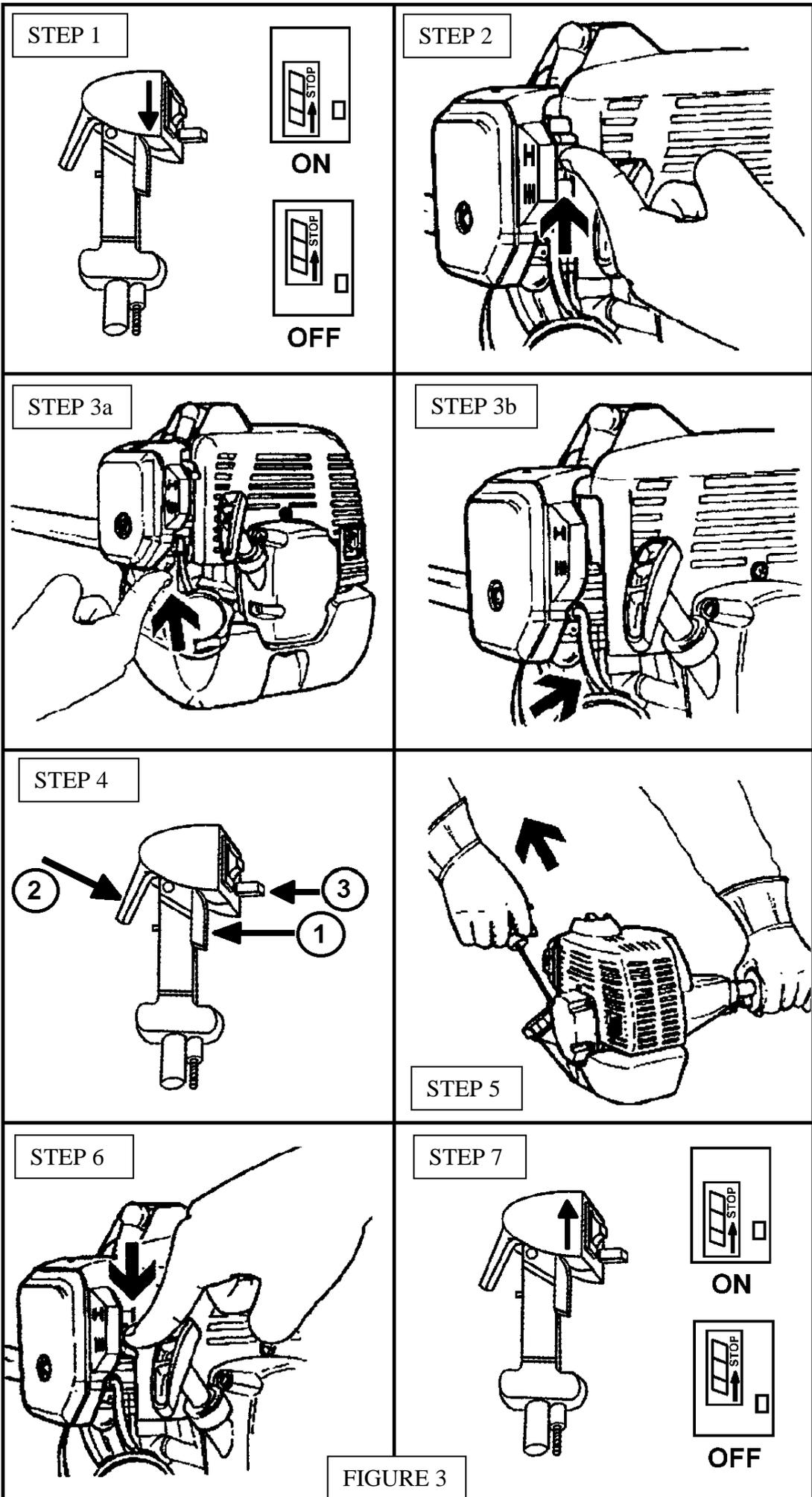


FIGURE 3

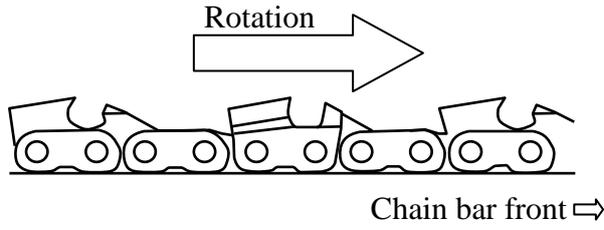


Figure 4

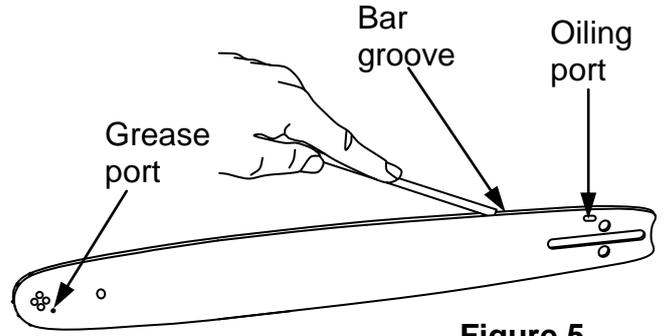


Figure 5

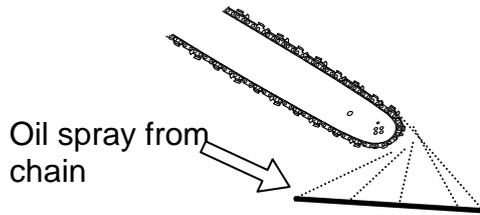


Figure 6

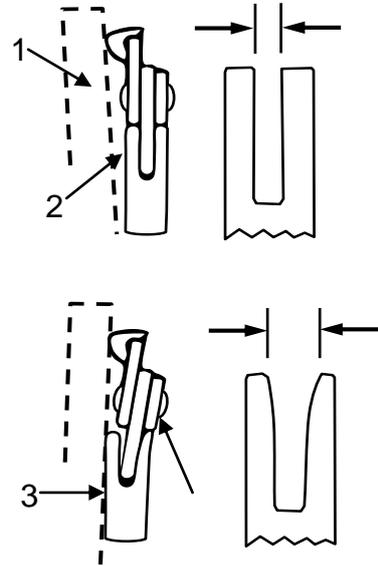


Figure 7

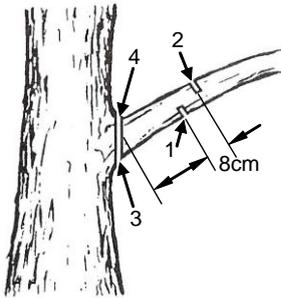


Figure 8

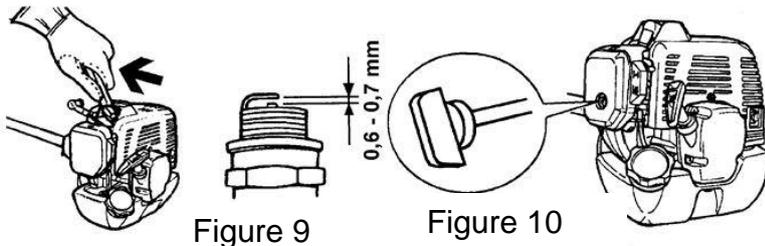


Figure 9

Figure 10



Figure 11

Figure 12

OPERATING INSTRUCTIONS

BEFORE STARTING MOTOR

- Check the working area, the wood to be cut and cutting direction. If there is an obstacle, remove it.
- Ensure you have a clear working area, secure footing and a planned retreat path from falling timber
- Inspect the machine for worn, loose, or damaged parts. Never operate the machine that is damaged, improperly adjusted, or is not completely and securely assembled.

WHEN STARTING THE MOTOR

- Ensure the saw chain is not in contact with anything.
- Always hold the machine firmly with both hands when the motor is running. Use a firm grip with thumb and fingers encircling the handles.
- Keep all parts of your body away from the machine when the motor is running.

OPERATION

- Keep the handles dry, clean and free of oil or grease.
- Use extreme caution when cutting small size brush and saplings because slender material may catch the saw chain and be whipped toward you or pull you off balance.
- When cutting a limb that is under tension, be alert for spring back so that you will not be struck when the tension in the wood fibres is released.
- Check the tree for dead branches that could fall during the felling operation.
- Always turn off the motor before setting the Pole-chainsaw down.

GENERAL INSTRUCTIONS ON WORKING WITH A POLE-CHAINSAW

- **WARNING:** Always ensure good footing. Do not use an unstable foothold, such as a ladder or log.
- Do not force the Pole-chainsaw when cutting wood. Apply only light pressure. If the chain is sharp, it will cut through the wood with ease.
- Never try to continue cutting with a blunt chain. That causes the motor to overheat and the loss of your right to claim under warranty. Always have a replacement chain at hand.
- Allow the motor to cool off and take regular brakes.
- After use always place the Pole-chainsaw horizontally to avoid oil dripping from the oil reservoir.
- When the saw chain is caught in a cut, do not attempt to pull it out by force, but use a wedge or a lever to open the cut.
- If possible, always work with the Pole-chainsaw running at full speed.
- Always use the chain cover when transporting the Pole-chainsaw.
- Prevent the chain from contacting soil.

CHECKING OIL SUPPLY

- After starting the motor, observe if chain oil is sprayed off (Fig.6).
- Be sure to refill the oil tank as soon as the chain oil level gets low.

INSTRUCTIONS ON THE CORRECT USE OF THE POLE-CHAINSAW

REMOVING BRANCHES (Fig.8)

- Ensure that you are standing properly.
- Cut a deep notch from below into the branch about 15cm from the trunk (Fig.8-1).
- Now cut the branch from above about 5cm further outwards from the lower notch until the branch drops off (Fig.8-2).
- In order to remove the remaining stub, cut from below about 1/3 into the remaining branch close to the trunk (Fig.8-3).
- Cut into the branch from above until the branch has been removed completely (Fig.8-4).
- **WARNING:** Do not remove free-hanging branches from below.

MAINTAINANCE AND SERVICING

Always disconnect the spark plug when carrying out maintenance and servicing.

In order to maintain your Pole-chainsaw in proper working order, perform the maintenance and checking operations described in this manual at regular intervals. Leave all maintenance other than the items listed in the Owner's Manual to your competent servicing dealer. Repairs and servicing must only be performed by authorised dealers and service agents.

- Check all the Pole-chainsaw parts for wear after every use. In particular the chain, bar and sprocket.
- Ensure that the chain tension is correct. If the chain is too loose, it may come off during use and lead to injuries. The chain must be replaced immediately if it is damaged. The cutting teeth must be at least 4 mm long.
- Check the oil level and lubrication after every use. Insufficient oil and lubrication leads to damage to the chain, bar and motor.
- Check the sharpness of the chain every time before you use the Pole-chainsaw. Sharpening a chain requires experience and specialised knowledge. We therefore recommend that sharpening be carried out by a specialised workshop.
- **Spark plug:** Check every 12 months or if starting problems are experienced. When the engine is cold, remove the plug cap and unscrew the spark plug with a suitable spark plug socket (Fig.9). If the electrodes are excessively soiled or worn then replace with an equivalent new spark plug (eg.LDL7RTF).
- Excessive soiling may be due to a) too high ratio/poor quality 2-stroke oil or b) clogged air filter.
- Replace spark plug and screw in by hand to avoid stripping of thread, then tighten with socket.
- Air filter: Clean air filter regularly. Unscrew cover (Fig.10) and remove foam filter (Fig.11). Wash filter with soap and water and allow to dry before replacing. Fit new filter if damaged.
- Fuel intake filter: Replace every 12 months. Remove with hook through tank refilling inlet.
- Transport and storage: If pole chainsaw is unused for more than 2 months or being transported, then empty the fuel tank. Before storage allow the engine to cool. Store the unit indoors in a dry, ventilated and locked place, out of reach of children.

Guide bar

When the guide bar is disassembled, remove sawdust in the bar groove and the oiling port. Grease the nose sprocket from the feeding port on the tip of the bar (Fig. 5).

Sprocket

Check for cracks and for excessive wear interfering with the chain drive. If the wearing is observed, replace. Never fit a new chain on a worn sprocket, or a worn chain on a new sprocket.

SAW CHAIN

WARNING: It is very important for smooth and safe operation to always keep the cutters sharp.

Your cutters need to be sharpened when

- Sawdust becomes powder-like
- You need extra force to saw in
- Vibration increases

GUIDE BAR

Reverse the bar occasionally to prevent partial wear. The bar rail should always be a square. To avoid one-sided wear, turn the guide bar over every time you replace the chain. You will also have to move the guide bar plate (Fig.7) to the other side of the guide bar.

GENERAL CLEANING

- Always remove wood shavings and oil from the Pole-chainsaw after use. Clean the Pole-chainsaw by brushing away dirt and waste residue that may be caught the machine. Wipe the chainsaw clean with a damp cloth or hand brush. **DO NOT** use running water, solvents, strong detergents or a high pressure washer to clean. (Use a mild detergent and sponge to clean the plastic surfaces.)
- Remove the chain and clean it if it is dirty, e.g. gumming with resin. Place the chain in a vessel containing chain cleaner. There-after clean the chain with clean water. If the chain is not used again immediately, it must be treated with oil or a custom anti-corrosion spray.
- Switch the Pole-chainsaw off immediately if the machine starts to shake or produce abnormal noise.

TRANSPORTATION AND STORAGE

- **WARNING:** Stop the motor and allow the Pole-chainsaw to cool before storing or transporting in a vehicle.
- Always carry the unit with the motor stopped, the guide bar covered away from your body.
- Clean the Pole-chainsaw before storing.
- Store the Pole-chainsaw indoors in a dry, ventilated and locked place, out of reach of children.
- Store the Pole-chainsaw with all guards in place.



Attention:

Any maintenance and repair work beyond that described in this instruction manual must only be performed by an authorised service agent.

TECHNICAL DATA

Model:	LS 3325 PPS
Capacity:	33cc 2-stroke petrol
Fuel type:	Unleaded
Fuel mixture:	25:1(5L petrol: 200ml 2-Stroke oil)
2-Stroke oil:	Lawn Star 2-Stroke oil (Stock code: 90-20000)
Chain oil type:	Lawn Star chain lube (Stock code: 90-30000)
Chain Oil feeding system:	Automatic pump
Chain type:	Lawn Star 80-27122
Chain speed:	13.5 m/s
Guide bar type:	sprocket nose, Oregon 100SDEA318
Guide bar length:	25 cm

TROUBLE SHOOTING GUIDE

PROBLEM	PROBABLE CAUSE	CORRECTIVE ACTION
Poor cutting performance	Blunt chain	Replace chain
	Incorrect chain tension	Tension chain
Chain oil does not flow	Check oil level	Top up oil.
	Blocked oil flow openings	Unplug Pole-chainsaw. Clean the oil flow ports and passages.
	Poor quality / wrong grade oil	Drain and use correct oil.
Engine won't start	No spark	Check spark by removing spark plug and re-attaching cap and pulling starter cord. If no spark replace with new spark plug.
	No fuel	Pump primer bulb, if no fuel flows then pipes blocked. Have serviced. If primer bulb fills then engine may be flooded
	Flooded engine	Remove spark plug, turn engine upside down, set choke to run, pull starter cord 10 times, clean spark plug and refit.
Engine will not rev	Carburettor needs tuning	Have serviced
	Blocked exhaust spark arrestor	Remove spark arrestor, clean & refit
Engine will not rev and emits smoke	Check fuel/oil mix	Use fresh and correct fuel mix
	Dirty air filter	Clean per instruction

LAWN STAR (PTY) LTD.

WARRANTY CARD

LS 3325 PPS

Please read carefully

This card is required for warranty repair claims. Please fill in this card and keep it in a safe place, stapled to the original proof of purchase. The original proof of purchase (i.e. receipt, invoice, docket, etc.) must show the original date of purchase and clearly identify the product.

WITHOUT THIS CARD AND ORIGINAL PROOF OF PURCHASE, ANY WARRANTY BECOMES NULL AND VOID.

Make:.....Serial No:.....Date of
Purchase:.....
Model:.....

PURCHASER

NAME:

ADDRESS:

PHONE :

PURCHASED FROM

NAME :

ADDRESS:

PHONE:

LIMITED DOMESTIC USE WARRANTY

Lawn Star (Pty) Ltd. guarantees this unit to be free from defects in material and workmanship. If any such defect should become apparent during a period of

12 MONTHS

from the date of the original purchase, we undertake to repair this unit free of charge or replace this unit with a factory reconditioned unit at our discretion. This does not prejudice your rights in terms of the Consumer Protection Act.

Transport costs to our service centre and back to the owner, should such costs occur, will be carried by the owner of the unit.

The repaired or replaced unit will be covered by this warranty for the remainder of the original warranty period.

This warranty covers only the original purchaser of this unit.

This warranty becomes invalid if :

- the unit has been used commercially or for rental purposes;
- damage has been caused by misuse, abuse, accident or normal wear and tear;
- spares and accessories other than specified by us are used with this unit;
- the unit has been opened, altered or otherwise tampered with;
- the engine has been run without 2-stroke engine oil pre-mixed as per instruction
- marine or automotive 2-stroke oil is used

Chain bar and cutting chain are wearing parts and are not covered by Warranty.

PLEASE READ AND UNDERSTAND THE INSTRUCTION MANUAL BEFORE YOU OPERATE THIS UNIT.

LAWN STAR (PTY) LTD.

For service and warranty repairs please contact your nearest Service Agent listed below:

CUSTOMER CARE : 0860-LAWNSTAR

**HEAD OFFICE : 98 Bofors Circle, Epping 2 South, Cape Town
PO Box 496, Parow, 7499**

Tel: 021-535-5249 Fax: 021-535-4624

EASTERN CAPE: Tel: 041-366-1300 Fax: 041-366-1300

FREE STATE : Tel: 082-556-6325 Fax: 086-691-6297

GAUTENG : Tel: 011-979-0162 Fax: 011-979-0174

KZN : Tel: 031-579-4390 Fax: 031-579-4400

WEST COAST : 082-826-0316

NORTHERN CAPE: 082-826-0316

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