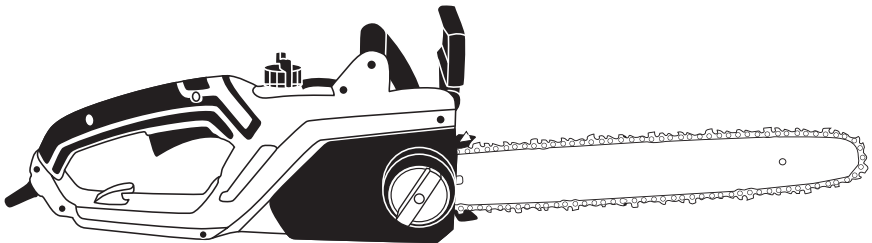




Electric Chain Saw

Operator's manual



WARNING:

Read carefully and understand all **INSTRUCTIONS** before operating. Failure to follow the safety rules and other basic safety precautions may result in serious personal injury.

Save these instructions in a safe place and on hand so that they can be read when required. Keep these instructions to assist in future servicing.















⚠️ WARNING

When using equipment, a few safety precautions must be observed to avoid injuries and damage.

Please read the complete operating manual with due care. Keep this manual in a safe place, so that the information is always available. If you give the equipment to any other person, give them these operating instructions as well.

We accept no liability for damage or accidents which arise due to non-observance of these instructions and the safety information.

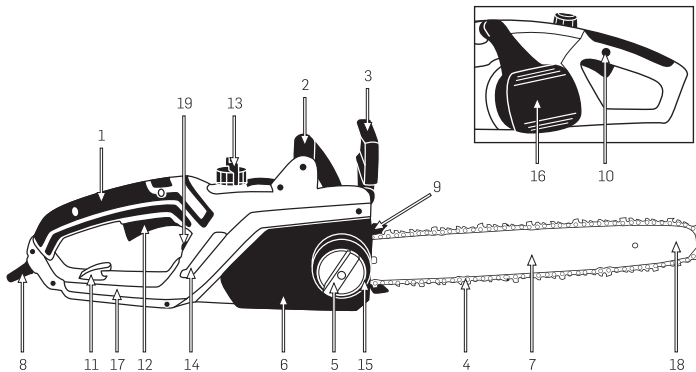
SAFETY SYMBOLS

	Warning! Denotes risk of personal injury, loss of life, or damage to the tool in case of non-observance.
	Caution - Read the operating instructions to reduce the risk of inquiry
	Always wear safety glasses, hearing protection and a safety helmet
	Wear work/safety gloves when you use the device.
	Always wear non-skid safety shoes with cut protection when using this product.
	It is important you wear the protective clothing for feet, legs, hands and forearms.
	Remove plug from the mains immediately if the cable is damaged or cut.
	Protection class II
	Warning! Chance of kickback. Beware of a check of the chain saw and avoid contact with the tip of the bar.
	Do not use the device with one hand.
	Use the device with both hands.
	Do not expose the unit to rain. The device must not be wet, nor should it be operated in a moist environment.

TECHNICAL SPECIFICATIONS

Model	GUT118
Voltage	120 V~60 HZ
Amps	15 A
Output power	1800 W
Bar length	18 inches (455mm)
Chain speed	43 ft./s (13m/s)
Oil tank capacity	6.4 oz. (190ml)
Chain pitch	3/8 inch (9.68mm)
Number of chain links	63 links
Chain gauge	0.05 inch (1.27mm)
Chain	91PX063X (18")
Bar	180SDEA041 (18")
Weight(chain & bar included)	12 lbs. (5.5KG)
Protection class	II

MAIN COMPONENTS



- | | |
|-------------------|---------------------|
| 1. Back Handle | 10. Safety Button |
| 2. Front Handle | 11. Cable Hook |
| 3. Chain Brake | 12. On/Off Trigger |
| 4. Chain | 13. Oil Cap |
| 5. Locking Nut | 14. Oil Level |
| 6. Sprocket Cover | 15. Chain Tensioner |
| 7. Bar | 16. Motor |
| 8. Cable | 17. Hand Protector |
| 9. Claw | 18. Tip of Bar |
| | 19. Overload Button |

Electrical Tools – General Safety Guidelines

These guidelines are intended as general guidance for all electrical power tools, other advice specific to the supplied power tool is contained in the relevant section of this manual. Failure to adhere to the following may result in electric shock or serious injury.

- **Protective Equipment:** Wear personal protective equipment as directed in this manual.
- **Use an RCD:** For safe operation it is always necessary to use an RCD device which will protect you in the case of an electrical surge or short situation.
- **Before each use inspect the condition of the tool.** If any damage is found, you must not use the tool and have it repaired by a suitably qualified person.
- **Check Working Area:** Check your work area to ensure it is clear of hazards and people, always maintain a clean and clear work area to reduce risk of injury.
- **Operating Voltage:** Before putting the tool into operation, make sure that the voltage stated on the rating plate is the same as that of your electricity supply.
- **Extension Cables:** Always ensure power cable would not become a trip hazard by routing it safely to your work location. Do not walk, ride or place objects over the cable as it will result in damage. It is important that you are aware of the location of an extension cable whenever you are working to prevent accidents. Always protect power cables from sharp edges, heat and oil.
- **If the extension cord becomes damaged:** Pull the plug immediately from the socket outlet, do not touch the cable until you have done so.
- **Wet and Damp:** Electrical tools must not be used in wet, damp conditions or during rain, neither should they be left nor stored outside. Never touch the plug or operate the machine with wet hands.
- **Take Regular Breaks:** Tiredness can result in loss of concentration and makes working with tools dangerous.
- **Adults Only:** Power tools are designed for use by able bodied ADULTS only. If you are in any way unsure of your ability to use the tool – do not use it.
- **Training:** Never use a power tool unless you have undertaken formal training in its use, there are often unforeseen factors that may put you or others in danger.
- **Loaning Tools:** Only loan tools to people you are sure are trained to use them. Always provide the instruction manual along with the tool.
- **Medicines and Drugs:** Never operate tools or machinery if you are taking medication that may leave you drowsy, or if you are under influence of alcohol or illegal drugs.
- **Store in a Safe Place:** When not in use or once you have finished using, power tools must always be stored in a safe place away from damp/water and not accessible to children or others. In between breaks or tasks it is also important to ensure that tools are placed in a safe location.
- **For Intended Use Only:** Power tools should be used for their intended use only – always check the manual if unsure.
- **The electric supply to this machine should include either a residual current device that will interrupt the supply if the leakage current to earth exceeds 30 mA for 30 ms or a device that will prove the earth circuit.**
- **Fire Risk:** Never operate the machine in an explosive atmosphere or areas containing flammable or combustible liquids, vapors, or dust.
- **Service:** Servicing must only be done only by qualified service personnel. Replacement parts must be identical to the original parts.

Use for intended purpose

The chain saw is intended for cutting logs, branches, sawn timber and similar material, felling trees and cutting branches of felled or fallen trees.

The user bears sole responsibility for any damage or injury that may result from use of the tool for any purpose other than that for which it is intended.

Specific Safety Instructions

In addition to the general safety guidance supplied, the following instructions are specific to this machine and must also be adhered to.

- When working with the chain saw the following safety equipment is vital to protect you.
 - Protective gloves
 - Suitable footwear
 - Leg protectors
 - Safety Glasses or Full Face Shield
 - Helmet
 - Ear Defenders
- Never switch on the chain saw unless you have a firm hold of the tool. Make sure that the guide bar and saw chain are not touching anything.
- Always hold the saw with both hands (right hand on rear handle (1), left hand on front handle (2)).
- Never saw above shoulder height
- Never saw while on a ladder, climbing a tree or from any other unsecure position.
- When sawing timber that is split take care that no small pieces are broken and thrown by the chain.
- To carry the chain saw after use, the guide bar and chain should be covered with the chain guard that is supplied with the tool.

Two Point Safety Switch

The saw is fitted with a safety device to prevent it being switched on accidentally. To switch on:

- Grasp the handle (2) with the left hand and with the thumb of the right hand push the locking button (10) at the left side of the switch handle.
- With the locking button still depressed, squeeze the trigger and release the locking button.
- Release the trigger to switch on (The locking button returns into the locked position).

Chain Brake

The saw is fitted with a chain brake that brings the saw chain to a stop in one tenth of a second if the hand-protection guard (3) is moved into the tripping position either by the operator's hand or as the result of a kickback. When the chain brake has been tripped, do not run the motor of the saw unnecessarily long, set the guard immediately back to its normal position.

Keep Away From Soil

Chainsaws are designed for cutting wood only. Allowing the chain to make contact with soil while in operation will dull the chain extremely fast. In the event the chain accidentally make contact with soil, stop the chain immediately, disconnect it from the mains and clean the chain.

Overload Protection

The machine is fitted with an overload protector that will cut off the power to prevent damage (19). To start the machine again after a shut down, disconnect it from the power source then reconnect after 5 minutes.

Common causes of overload are: the chain is not sharp enough, the machine is not receiving enough electrical current or that the power extension cable is too long.

Kickback

If the upper part of the guide-bar nose should inadvertently be allowed to touch against some solid object, such as the trunk of the tree when sawing off branches, or some immediately adjacent object, a trunk lying close to the one that is to be cut through for instance, the saw may kick back and upwards towards the operator in the direction of the arrow in Fig.1. Note the shaded kick back danger zone in the diagram.

Such dangerous kickbacks can largely be avoided by working quietly and with forethought in the following manner:

- While sawing, always watch the guide-bar nose
- Never attempt to cut with the nose of the guide bar.
- Take care when cutting thin and springy branches.
- Particular care must be taken when inserting objects into an already started cut.

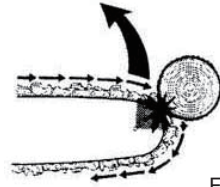


Fig.1

Push-back

Push-back will occur if an attempt is made to saw using the top of the blade. This is also a hazard if this part of the saw chain touches against some rigid object or if it jams in the cut.(Fig.2)

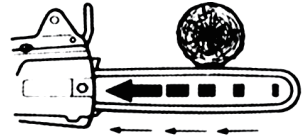


Fig.2

Pull-forward

If the spiked stop is not set against the timber when cutting using the bottom of the blade, the chain will pull the saw. (Fig.3)

This is also a hazard if this part of the saw chain touches against some rigid object or if it jams in the cut. To minimize these risks it is thus important to saw with the spiked stop against the timber whenever possible.

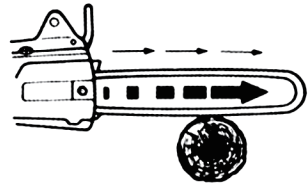


Fig.3

SET UP GUIDE

Fitting the guide bar and saw chain

Disconnect from mains power and wear protective gloves whenever doing any work on the saw chain.

- Remove the side plate (6) by turning the locking nut (5) counterclockwise, remove it and set to the side (Fig A).
- Now take the chain bar (7) and with the logo side facing you rotate the metal disc counterclockwise until it moves into the furthest position to the right.
- Fit the chain onto the bar between the 2 plates so that the cutting teeth face in the right direction – note the symbol on the bar which shows the correct orientation.
- Holding the chain taut, place the bar onto the body of the machine so that the threaded bar goes through the hole in the centre of the disc, and the chain fits around the sprocket. (Fig. B)
- Ensure that the teeth on the chain fit correctly around the sprocket. If not then rotate the sprocket a little and rotate the disc clockwise to take up any slack.
- While supporting the weight of the bar, place the side plate back onto the machine ensuring the tab (Fig C 3) fits into the slot and rotate the locking nut so that it is attached loosely. (Fig. C 1)
- Finally rotate the black collar around the locking nut (Fig. C 2) to bring the chain to the correct tension, then tighten the locking nut →

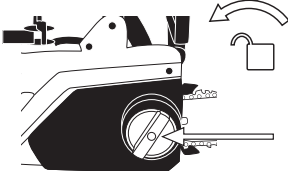


Fig. A

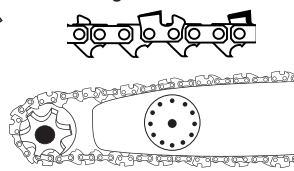


Fig. B

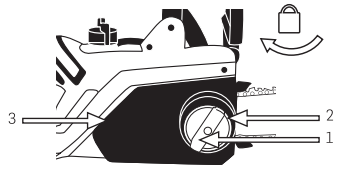


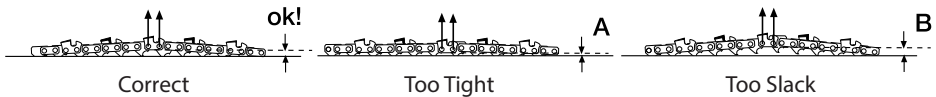
Fig. C

Re-tensioning the saw chain

When working with the chain saw, the chain may expand as a result of heat. It then becomes slack and may slip off the guide bar.

It is necessary in this situation to re-tension the chain. Once finished working it is important to release the tension before the chain cools down.

See the images below for correct tensioning of chain.



Saw chains

Working with a blunt saw chain causes the chain, guide bar and drive sprocket to wear rapidly and may even lead to the chain breaking. So it is important to have the saw chain sharpened by a competent workshop.

The relevant angles on the saw-chain cutters are:

- Side-plate filing angle: 85°
- Top-plate cutting angle: 60°
- Top-plate angle: 0°
- A 4mm diameter round file should be used for sharpening the chain.

Guide bar

A small amount of ball-bearing grease should be fed occasionally with a grease gun through the grease holes situated near the four rivets holding the nose sprocket on the guide bar.

The bottom edge of the bar is exposed to relatively heavy wear and so the bar should be turned top to bottom whenever the chain is sharpened and at the same time the groove in the bar and the oil holes should be cleaned.

Drive sprocket

If the teeth of the drive sprocket show any signs of wear, the sprocket should be replaced. The drive sprocket should be changed with every second replacement of the chain.

Carbon brushes

When the chainsaw's brushes are worn beyond a certain limit, a tripping device in the brushes will automatically stop the motor.

The brushes should be replaced by a specialist who has the right equipment. The saw can then be given a thorough inspection at the same time and the motor be cleaned.

Troubleshooting

Problem	Cause	Remedy
Motor does not run.	No electricity	Check socket, cable and plug.
	Chain brake	See section "chain brake" and "Releasing the chain brake"
	Running out of carbon brush	Change the carbon brush
Chain does not move.	Chain brake	Check the chain brake, release if necessary.
Poor cutting performance.	Blunt chain	Sharpen the chain
	Chain tension	Check the chain tension
	Chain wrongly fitted	Check if the chain is fitted correctly
Saw works only with difficulty Chain jumps off Bar.	Chain tension	Check the chain tension
Chain becomes hot.	Chain lubrication	Check oil level Check chain lubrication

Maintenance

Insufficient chain lubrication

If after running the chain saw for about 20 minutes only a little lubricating oil has left the container, the cause may be blockage of the oil duct in the saw and/or the oil hole in the guide bar. If so, they should be cleaned. To clean the oil duct, the cover plate can be removed, if necessary, after unscrewing its fastening screw.

Warranty

This product has 1 Year Warranty for manufacturing defects. The warranty period will be counted from the date of purchase of the product, according to purchase invoice. Product warranty only covers manufacturing defects, defects resulting from improper use, does not cover damages caused by dropping, improper transportation, connection to the mains power supply not in compliance with the voltage specified in this manual, insertion of foreign objects and natural wear of parts and parts such as plastic parts (caps, buttons, handles, latch locks, power cables, etc.) and metal parts (wires, motors, etc.). Also not covered are damages due to agents of nature, lightning, food, sea, oxidation, humidity etc.).



Great Circle USA
Support Line: 1-866-493-0524
help@greatcircleus.com
www.greatcircleus.com