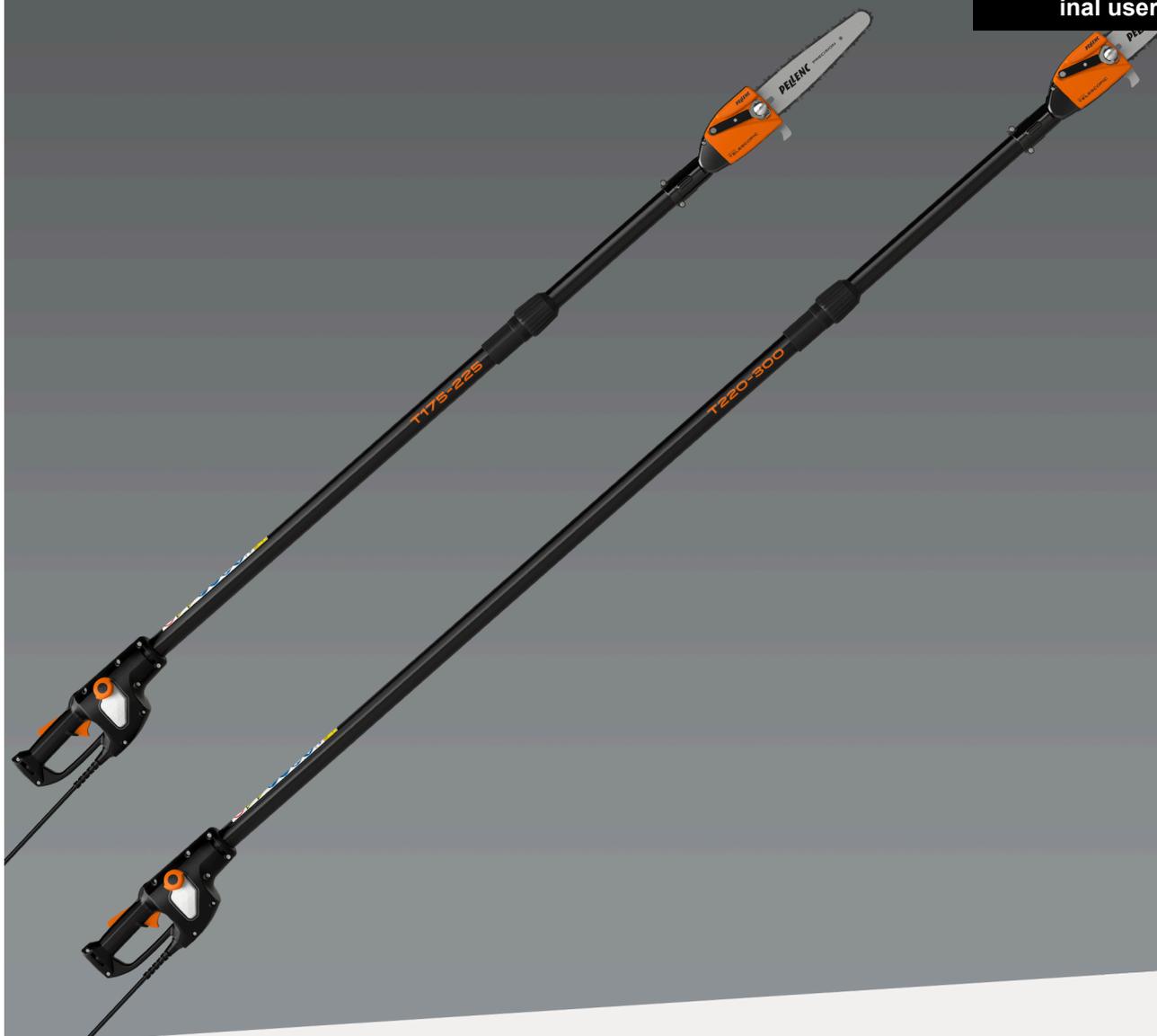


ENG

Translation of original user guide



POLE-MOUNTED CHAINSAW SELION T175-225 / T220-300

Operating instructions

51_148662-C
09/2020

READ THE USER GUIDE CAREFULLY BEFORE USE



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PELLENC

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1. INTRODUCTION

Dear Customer,

Thank you for purchasing your Pole-mounted chainsaw Selion T175-225 / T220-300. Correctly used and maintained, this tool will give a satisfactory performance for many years.



Warning

Your device contains numerous recoverable or recyclable materials. Return it to your dealer or, failing this, to an approved servicing centre to be treated.



Comply with the regulations in force in your country as concerns environmental protection associated with your activity.



Warning

It is imperative that you read through the ENTIRE user's manual before using or servicing the tool. Always comply with the instructions and illustrations in the manual.

All through this user guide you will find advisory notes and information entitled: NOTE, IMPORTANT, ATTENTION and WARNING.

The points marked "NOTE" indicate additional information.

The points marked "IMPORTANT" warn the user of a potential risk to the equipment.

The points marked "ATTENTION" warn the user of a potentially hazardous situation which if not avoided leads to minor injuries.

The points marked "WARNING" warn the user of a potentially hazardous situation which if not avoided leads to serious injury or death.

The warning  indicates that damage resulting from failure to comply with the procedures and instructions is not covered by the warranty and the owner will be liable for any repair costs.

Safety indications are also given on the tool; they remind you of the safety precautions to be taken. Identify and read these indications before using the tool. Immediately replace any indications that may become partially illegible or deteriorated.

Refer to Section 2.6, "Safety signage" for the location diagram of the safety stickers affixed to the tool.

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2. SAFETY

2.1. INTENDED USAGE

- The Pole-mounted chainsaw Selion T175-225 / T220-300 is intended for cutting only wood and branches up to a diameter corresponding to the length of the chainsaw guide bar.
- The Pole-mounted chainsaw Selion T175-225 / T220-300 must be used at ground level or from a suitable platform that is completely stable and secure.
- The Pole-mounted chainsaw Selion T175-225 / T220-300 is intended for outdoor use only.
- The Pole-mounted chainsaw Selion T175-225 / T220-300 is not intended for any other use.
- Mounting of parts on the Pole-mounted chainsaw Selion T175-225 / T220-300 is authorized only for original or manufacturer-approved spare parts (chain guides or saw chains for example) as well as for authorized chain guide / saw chain combinations as indicated in the manual.
- The user is responsible for any accident resulting from improper use or unauthorized modification of the Pole-mounted chainsaw Selion T175-225 / T220-300.

2.2. GENERAL SAFETY WARNINGS FOR THE TOOL



Warning

Read all the safety measures and all the instructions. Failure to comply with the following instructions risks causing electric shock, fire and/or serious injury.

Note

Retain all the safety measures and instructions for later reference.

The term "power tool" in the safety warnings refers to your battery-powered electric tool (without power cord).

2.2.1. WORK AREA SAFETY

1. **Keep the work area clean and well lit.** Cluttered or dark areas invite accidents.
2. **Do not operate power tools in an explosive atmosphere, for example 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 the power tool.** Distractions can cause you to lose control of the tool.

2.2.2. ELECTRICAL SAFETY

1. **The power tool connector must be adapted to the socket. Never modify the connector in any way whatsoever. Do not use adapter plugs with earthed (grounded) power tools.** Unmodified plugs and suitable sockets reduce the risk of electric shock.
2. **Avoid contact with earthed surfaces such as pipes, radiators, cookers, and refrigerators.** There is an increased risk of electric shock if your body is in direct contact with the ground.
3. **Do not expose power tools to rain or damp conditions.** The entry of water into a power tool increases the risk of electric shock.
4. **Do not mishandle the power cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges and moving parts.** Damaged or entangled cords increase the risk of electric shock.
5. **Use an extension cord suitable for outdoor use when operating power tools outdoors.** Use a cord suitable for outdoors to reduce the risk of electric shock.
6. **Use a power supply protected by a residual current device (RCD) when the power tool is operated in a damp location.** Use of an RCD reduces the risk of electric shock.

Note

The term “Residual Current Device” (RCD) can be replaced by “Ground Fault Circuit Interrupter” (GFCI) or “Earth Leakage Circuit Breaker” (ELCB).

2.2.3. PERSONAL SAFETY

1. **Stay alert, watch what you are doing, and use common sense when operating the 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 when using a power tool can result in serious personal injury.
2. **Use personal protective equipment. Always wear eye protection.** Safety equipment such as dust masks, non-slip safety shoes, helmets, or ear protection used at the appropriate times reduces injuries.
3. **Avoid accidental starting of the tool. Make sure the switch is in the off position before you connect the tool to the power source and/or battery pack, pick it up, or carry it.** Carrying a power tool with your finger on the switch or connecting a power tool with the switch in the ‘on’ position can cause accidents.
4. **Remove any adjusting wrench before switching the electric tool on.** A wrench left attached to a rotating part can cause injury.
5. **Do not rush. Keep proper footing and balance at all times.** This provides better control of the power tool in unexpected situations.
6. **Dress appropriately. Do not wear loose clothing or jewellery. Keep hair and clothing away from moving parts.** Loose clothes, jewellery or long hair can get caught in moving parts.
7. **If devices are provided for connecting dust extraction and collection equipment, ensure that these are connected and properly used.** Use dust collectors to reduce the risk caused by dust.

2.2.4. USE AND CARE OF THE POWER TOOL

1. **Do not force the power tool. Use the power tool suited for the job.** The adapted power tool does the work better and more safely at the speed it was built to operate at.
2. **Do not use the power tool if the switch does not allow it to be switched on and off.** Power tools that cannot be controlled by a switch are dangerous and must be repaired.
3. **Unplug the tool from the socket or remove the battery (if possible) before any adjustment, change of accessory or storage.** These preventive safety measures reduce the risk of accidentally starting the power tool.
4. **When not in use, keep power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate it.** Power tools are dangerous when operated by inexperienced users.
5. **Maintenance of the power tool and its accessories is mandatory. Check that the moving parts are not out of alignment or jammed, that there are no broken parts or that there is no other condition which could affect the operation of the power tool. If damaged, repair the power tool before using it.** Many accidents are due to poorly maintained power tools.
6. **Keep the cutting elements sharp and clean.** Properly maintained cutting tools with sharp cutting elements are less likely to jam and are easier to control.
7. **Use the power tool, accessories, blades, etc. in accordance with these instructions, taking into account the working conditions and the work to be done.** Using the power tool for operations other than those specified can result in hazardous situations.

2.2.5. USE OF BATTERY OPERATED TOOLS AND PRECAUTIONS FOR USE

1. **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
2. **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
3. **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.

4. **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, wash away with water. If liquid contacts eyes, seek additional medical help.** Liquid ejected from the battery may cause irritation or burns.

2.2.6. UPKEEP

1. **Have the power tool serviced by a qualified technician using only identical spare parts.** This ensures the continued safety of the power tool.

2.2.7. TOOL'S END OF LIFE MANAGEMENT

1. **When the tool reaches the end of its life, PELLENC keeps the end of life sheet of the equipment at disposal.** The end of life sheet provides instructions for safely removing components.

2.3. CHAINSAW SAFETY RECOMMENDATIONS

1. **Keep all parts of the body away from the chain when the chainsaw is operating. Before you start the chainsaw, make sure that the chain is not in contact with anything.** A moment of inattention while operating a chainsaw may cause entanglement of your clothing or a body part with the chain.
2. **Always hold the chainsaw with your right hand on the rear handle and your left hand on the front handle.** Holding the chainsaw with a reversed hand configuration increases the risk of personal injury and should never be done.
3. **Hold the chainsaw by its insulated gripping surfaces only, because the saw chain may come into contact with hidden wiring or its own power cord.** Saw chains contacting a "live" wire may make exposed metal parts of the chainsaw "live" and could give the operator an electric shock.
4. **Wear eye protection. In addition personal 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.
5. **Do not operate a chainsaw from an unstable position in a tree, on a ladder, from a rooftop, or any unstable support.** Operation of a chainsaw in this manner could result in serious personal injury.
6. **Always keep proper footing and operate the chainsaw only when standing on fixed, secure and level surface.** Slippery or unstable surfaces may cause a loss of balance or control of the chainsaw.
7. **When cutting a limb that is under tension be alert for spring back.** When the tension in the wood fibre is released the springing limb may strike the operator and/or throw the chainsaw out of control.
8. **Use extreme caution when cutting brush and saplings.** The slender material may catch the saw chain and be whipped toward you or pull you off balance.
9. **Carry the chainsaw by the front handle with the chainsaw switched off and away from your body. When transporting or storing the chainsaw always fit the chain guide protector cover.** Proper handling of the chainsaw will reduce the likelihood of accidental contact with the moving chain.
10. **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.
11. **Keep handles dry, clean, and free from oil and grease.** Greasy, oily handles are slippery causing loss of control.
12. **Cut only wood. Do not use chainsaw for purposes for which it is not intended.** For example: do not use chainsaw for cutting metal, plastic, masonry or non-wood building materials. Use of the chainsaw for operations other than intended uses could result in a hazardous situation.
13. **Do not attempt to fell a tree until you have a clear understanding of all the necessary procedures.** Serious injury could occur to the operator or bystanders from a falling tree.

2.4. CAUSES OF KICKBACK AND PREVENTIVE MEASURES

Kickback may occur when the nose or tip of the chain guide touches an object, or when the wood closes in and pinches the saw chain while cutting.

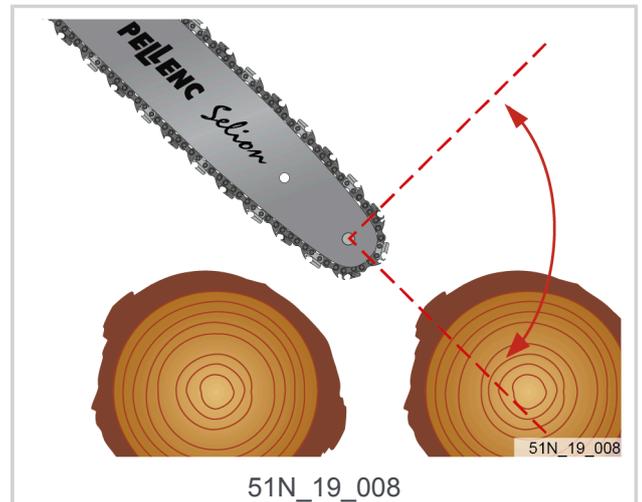
Tip contact in some cases may cause a sudden reverse reaction, kicking the chain guide up and back towards the operator.

Pinching the saw chain along the top of the chain guide may push the chain guide rapidly back towards the operator.

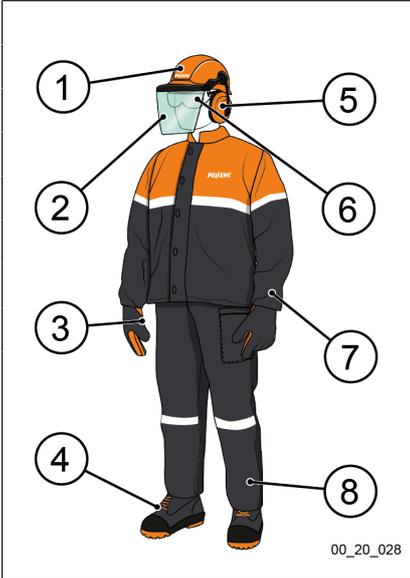
Either of these reactions may cause you to lose control of the saw which could result in serious personal injury. Do not rely exclusively upon the safety devices built into your chainsaw. As a chainsaw user, there are several steps you should take to prevent your cutting jobs resulting in accident or injury.

Kick-back results from incorrect use of the chainsaw and/or inappropriate procedures or working conditions. It can be avoided by taking the correct precautions, as indicated below:

1. **Maintain a firm grip, with thumbs and fingers encircling the chainsaw handles**, with both hands on the saw and position your body and arms to allow you 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 chain guides and chains specified by the manufacturer.** Incorrect replacement chain guides and chains may cause chain breakage and/or kickback.
4. **Follow the manufacturer's sharpening and maintenance instructions for the saw chain.** Decreasing the depth gauge height can lead to increased kickback.



2.5. PERSONAL PROTECTION EQUIPMENT

	Equipment	Wear	
	1	Safety helmet	Required
	2	Protective visor	Recommended
	3	Resistant work gloves	Required
	4	Safety footwear	Mandatory
	5	Ear protection	Required
	6	Protective goggles	Mandatory
	7	Safety jacket or over-sleeves	Required
	8	Work trousers	Required

2.6. SAFETY SIGNAGE



L_{WA} sound power level guaranteed.



Compatible chain guide lengths.



Read the user guide.



Wearing of protective goggles, helmet and hearing protection is mandatory.



Wearing of gloves is obligatory



Wearing of safety boots is obligatory



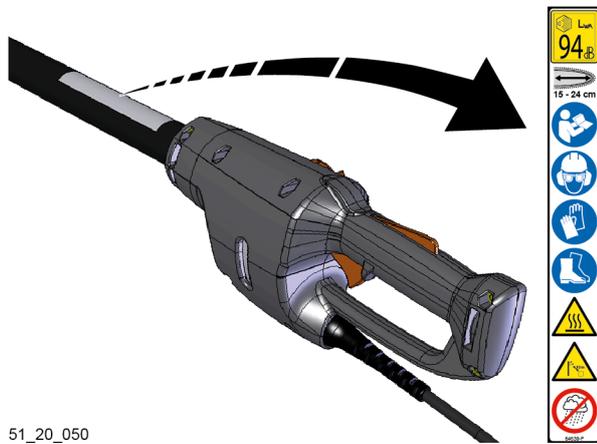
Risk of burns (motor).



Electricity conducting materials. Keep at least 10 meters away from any electrical power source.



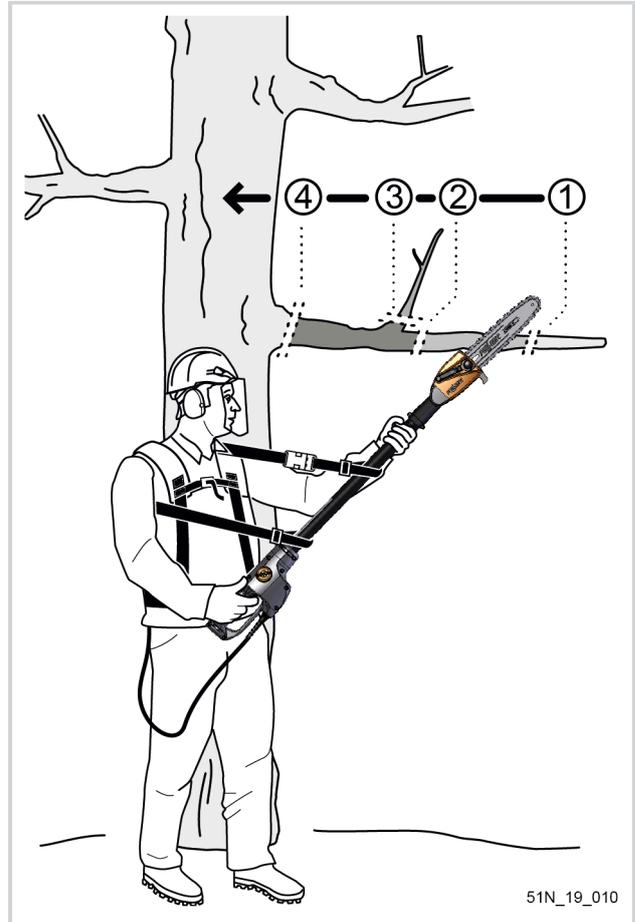
Do not expose to rain.



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2.7. GOOD PRACTICES FOR SAFE WORKING

- Keep your left arm straight for better control.
- Hold the chainsaw at your side, and not in front of you.
- Use genuine Pellenc chains and guides.
- Keep the chain, the chain guide and the sprocket wheel in good working condition.
- Stand with your legs apart and well balanced.
- Remember to vary your working position and to take regular breaks from work.



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Caution

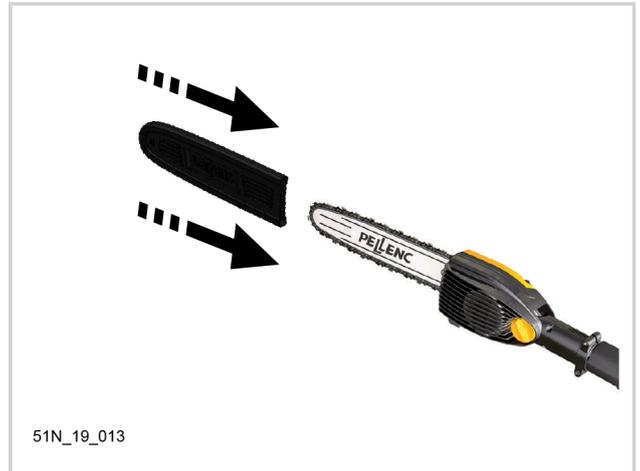


- Clear the work area before cutting.
- Calculate the point where the object you are cutting will fall.
- Take care that the chainsaw is not pushed back by the object to be cut.
- Position yourself correctly to prevent accidents.
- Never cut when on a ladder.
- Keep all other persons clear. Never have someone hold the object you are cutting.
- Cut the branches into suitably sized pieces from the outside of the tree towards the trunk (1)(2)(3)(4).
- Be careful of branches that bounce back when they drop to the ground.
- Use a carrying harness when transporting the tool.



Caution

- Fit the guide and chain protector whenever you transport, handle and store the chainsaw.



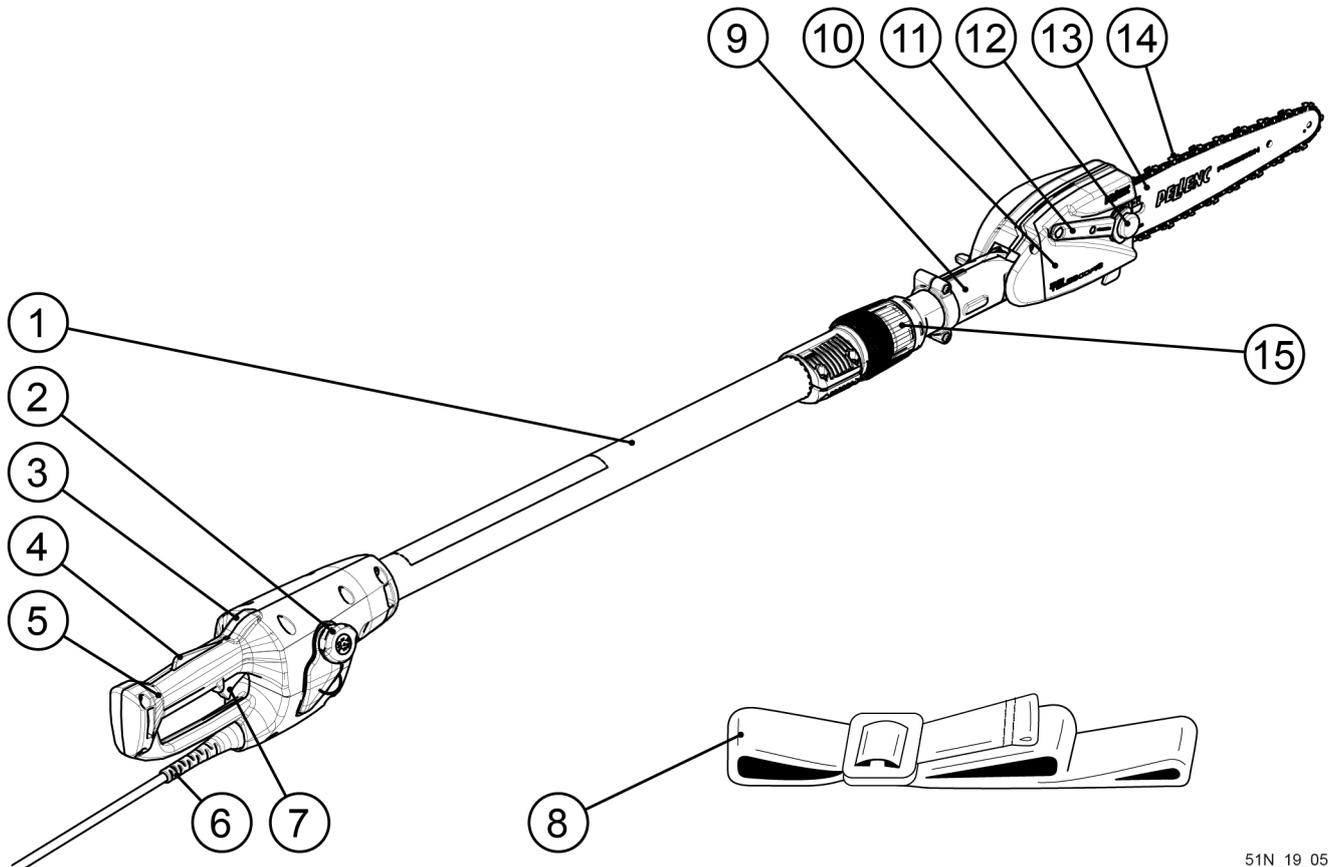
2.8. RESIDUAL RISKS

Even when using the Pole-mounted chainsaw Selion T175-225 / T220-300 as intended, there is always a degree of unavoidable residual risk. The following potential risks may apply:

- Risk of cuts due to contact with exposed saw teeth of the Pole-mounted chainsaw Selion T175-225 / T220-300
- Risk of cuts due to contact with the moving chain
- Risk of cuts due to unexpected and sudden movement of the guide bar
- Risk of cutting or piercing injuries related to the projection of parts of the Pole-mounted chainsaw Selion T175-225 / T220-300
- Risk of projections of splinters, bark, etc. while sawing
- Risk of allergy related to skin contact with chain oil
- Risk of fire resulting from cutting of certain particularly flammable wood species
- Risk of electrification / electrocution in the event of contact or proximity between the chainsaw and live cables.
- Risk of impact from falling cut branches

3. DESCRIPTION AND TECHNICAL CHARACTERISTICS

3.1. DESCRIPTION



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- | | |
|--|---|
| <ul style="list-style-type: none"> 1. Pole tube 2. Oil reservoir cap 3. "On" light 4. Safety trigger 5. Handle 6. Tool power cable 7. Operating trigger | <ul style="list-style-type: none"> 8. Adjustable carrying strap 9. Articulation of the head 10. Chain guard 11. Telescopic tightening wrench 12. Chain guard tightening nut 13. Chain guide 14. Saw chain 15. Locking nut |
|--|---|

Tip

Throughout the manual, parts will be identified by reference to the associated number in this illustration. Refer to this illustration to locate the part in question.

3.2. TECHNICAL FEATURES

3.2.1. GENERAL CHARACTERISTICS

	Selion T175-225	Selion T220-300
Battery life	Depends on use and battery type	
Nominal voltage	43.2V	

	Selion T175-225	Selion T220-300
Chain oil reservoir capacity	25 cl	
Useful cutting length / chain guide	See the chart Section 3.2.2, "Chains and chain guides compatibility"	
Chain Type / Pitch / Gauge		
Battery compatibility	ULIB 250 / ALPHA 260 / ALPHA 520 / ULIB 700 / ULIB 750 / OLIVION +	
Sprocket wheel	9-tooth 1/4"	
Chain speed	10.3 m/s	
Weight of tool without guide or chain	3.25 kg	3.60 kg

3.2.2. CHAINS AND CHAIN GUIDES COMPATIBILITY

Chain guide type	Chain guide size (useful cutting length)	Chain pitch	Chain gauge	Chain guide reference	Chain reference
STANDARD CHAIN GUIDE (sold as an option)	25 cm (10")	6.35mm (1/4")	1.3mm (0.05")	66756	64486
CARVING CHAIN GUIDE (sold as an option)	15 cm (6")	6.35mm (1/4")	1.3mm (0.05")	80343	71550
PRECISION CHAIN GUIDE (sold as an option)	15 cm (6")	6.35mm (1/4")	1.1mm (0.04")	138788	138880
PRECISION CHAIN GUIDE (sold as standard)	24 cm (9.4")	6.35mm (1/4")	1.1mm (0.04")	138823	138883

3.2.3. CHARGERS AND BATTERIES COMPATIBILITY

Battery	Charger	Remarks
ULIB 250	CB5010HV	
Alpha 260	CB5022 ; CB5022HV	*with adapter cord ref. 57239
Alpha 520	CB5022 ; CB5022HV	*with adapter cord ref. 57239
ULIB 700	CB5022 ; CB5022HV	
ULIB 750	CB5022 ; CB5022HV	
OLIVION +	CB5022 ; CB5022HV	

3.2.4. NOISE LEVELS

Determination of the sound levels and vibration rates is based on the operating conditions at the nominal maximum speed.

Noise value measured by EN 60745-1 and EN ISO 11680-2	Selion T175-225	Selion T220-300
Level of acoustic pressure measured at the work position (uncertainty of $K_{pA} = 3 \text{ dB (A)}$)	$L_{pA} = 82 \text{ dB(A)}$	$L_{pA} = 80 \text{ dB(A)}$
Guaranteed sound power according to Directive 2000/14 /EC	Selion T175-225	Selion T220-300
Guaranteed sound power level	$L_{WA_g} = 93 \text{ dB(A)}$	$L_{WA_g} = 94 \text{ dB(A)}$

3.2.5. VIBRATION LEVELS

Measured vibration value from EN 60745-1 and EN ISO 11680-2	Selion T175-225	Selion T220-300
Vibration emission value	$a_h=90$ dB(A)	$a_h=90$ dB(A)
Measurement uncertainty	$K = 1.5$ m/s ²	$K = 1.5$ m/s ²

4. COMMISSIONING



Caution

© To ensure the proper functioning of the tool, all commissioning procedures must be carried out before using it for the first time.

4.1. CONTENT OF THE KIT

Make sure the carton contains:

- A Pole-mounted chainsaw Selion T175-225 / T220-300 that comes with:
 - 1 chain guide (13),
 - 1 saw chain (14),
 - 1 chain guard,
 - 1 carrying strap (8),
 - 1 user guide,
 - 1 warranty card.

4.2. USEFUL TIPS FOR COMMISSIONING



Caution

Always disconnect the tool battery before starting tool maintenance.

- Use products recommended by PELENC.
- In the event of any problem, consult an authorised PELENC distributor.

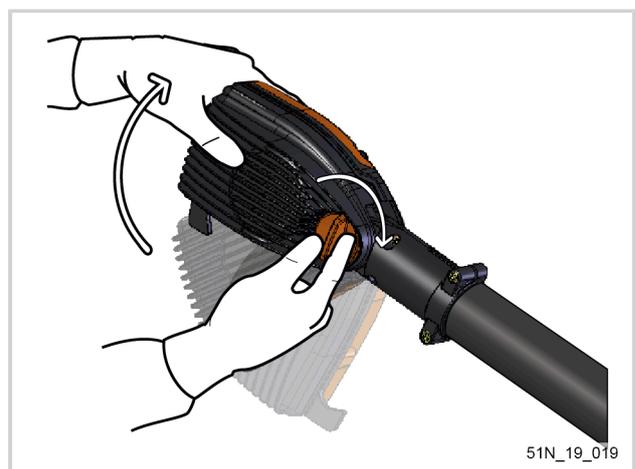
4.3. PREPARATION OF THE CHAINSAW HEAD

The chain guide and the chain are delivered unassembled. Assemble the chain guide and the chain.

- Guide the chainsaw head into the pole tube extension.

Tip

Position the chainsaw head in alignment with the pole in order to reduce kickback effect



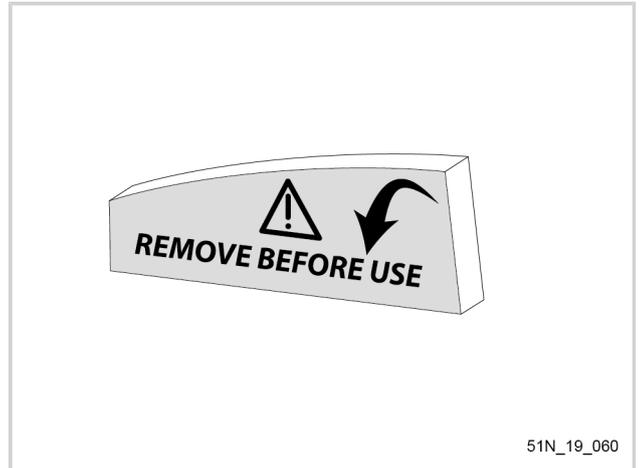
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4.4. ASSEMBLY OF THE CHAIN AND CHAIN GUIDE (1ST USE)

Note

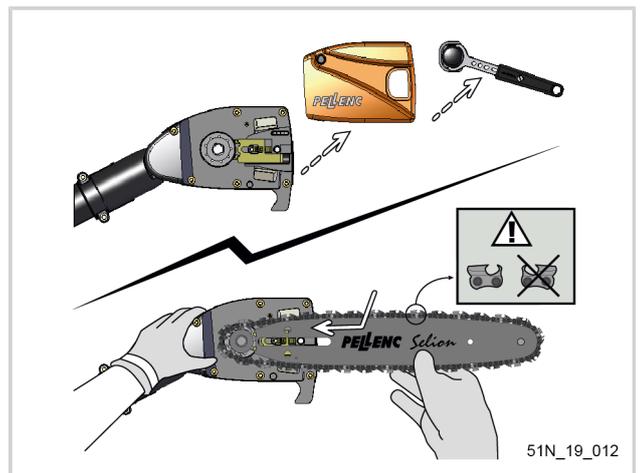
Refer to the numbering of the parts in the illustration Section 3.1, "Description"

1. Remove the chain protector (10) and the yellow foam plug



The chain guide and the chain are delivered unassembled. Assemble the chain guide and the chain.

2. Position the chain guide (13) in its place.
3. Push the chain guide (13) towards the sprocket wheel to engage the lock.
4. Fit the chain (14) with respect to the cutting direction.
5. Refit the chain guard (10).
6. Tighten the lock nut (12) using the captive telescopic tightening wrench (11). During this operation, the automatic chain tensioning mechanism should be triggered.

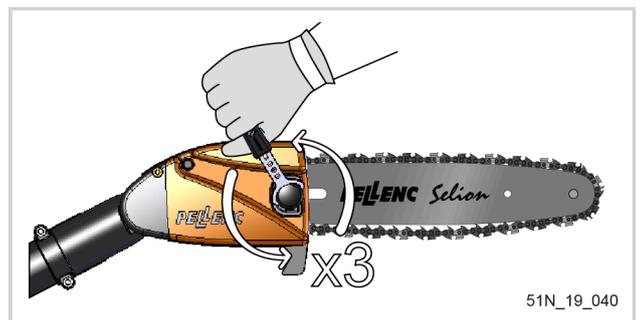


Note

For more details on the procedure, consult: Section 6.4, "Replacing the chain and the chain guide".

4.5. AUTOMATIC CHAIN TENSIONING (FIRST USE)

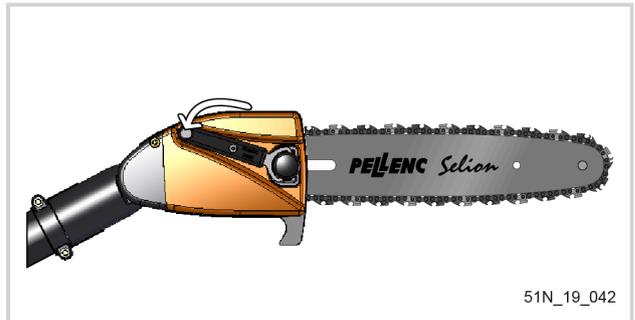
1. Loosen the chain guard tightening nut (12) by 3 turns.



2. Tighten the chain guard lock nut (12) correctly using the telescopic wrench (11), the chain guide (13) then moves forward and automatically tensions the chain (14).



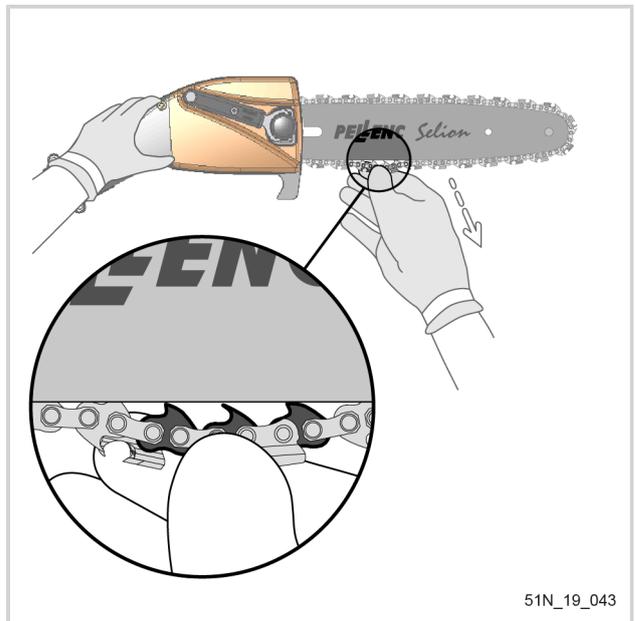
3. Re-position the handle of the telescopic wrench (11) on its holding magnet.



Checking the tension of the chain

Important

Adjust the tension as often as necessary. Tension is checked by pulling on the chain (14) in the middle of the chain guide: 1 to 3 drive links should appear.



4.6. CHAIN LUBRICATION (FIRST USE)

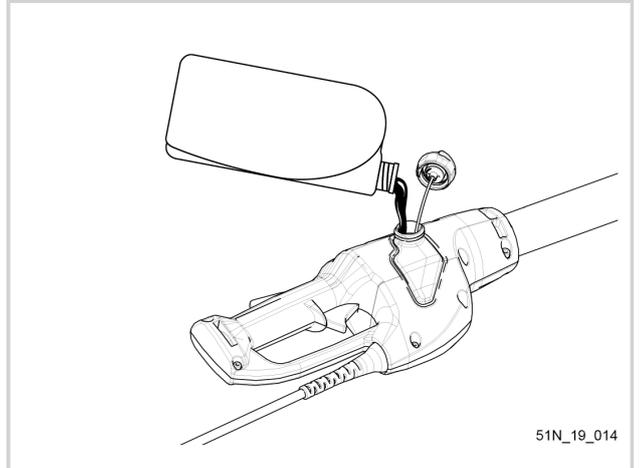
4.6.1. FILLING THE CHAIN OIL RESERVOIR

Before the first use, it is essential to fill the chain oil reservoir with the specific chain and guide oil (Ref.: 85920)

1. Unscrew the oil reservoir cap (2)
2. Carefully pour the guide and chain oil into the reservoir.
3. Screw shut the oil reservoir cap (2)

Important

Check the oil level every hour and top it up if necessary.



51N_19_014

Note

PELENC recommends using a biodegradable chain oil that complies with the RAL-UZ-48 standard (ref. 85920, otherwise any oil that complies with the RAL-UZ-48 standard)

Consumables sold separately.



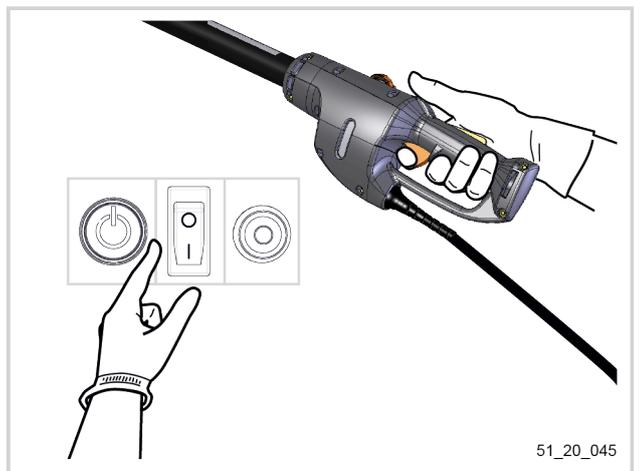
Warning

Never use dirty or used oil.

4.6.2. FIRST FORCED LUBRICATION CYCLE

The forced lubrication cycle distributes the oil from the reservoir to the different components. It is imperative to carry out this forced lubrication cycle before first use of the Pole-mounted chainsaw Selion T175-225 / T220-300.

1. Press and hold the triggers (4) and (7).
2. Switch on the battery (see Section 5.2, "Powering and switching off the battery".)
3. An automatic cycle starts which sends oil from the reservoir to the chain guide.
 - a. short beep every 20 seconds during the cycle.
 - b. 3 beeps to validate the end of the cycle.
4. Release the triggers when you hear the first beep.



51_20_045



Warning

Ⓒ Carry out a forced lubrication cycle at the start of each season in order to check the chain lubricating function. Carry out forced lubrication whenever necessary.

4.7. RUNNING-IN (BEFORE FIRST USE)



Warning

Ⓒ Before the first use, it is imperative to run-in the chain guide and chain.

To run-in the chain guide and the chain:

1. Run the chainsaw for 1 or 2 minutes without contact
2. After this running-in phase, check the tension of the chain, and tighten it if necessary.

Note

Once all commissioning procedures have been completed, the tool is ready for use

4.8. FITTING THE BATTERY ON THE HARNESS

To mount the battery on your harness, refer to the mounting instructions provided with your harness.

Important

After mounting, the battery must be solidly attached and secured on your harness. If this is not the case then the mounting needs to be re-checked.

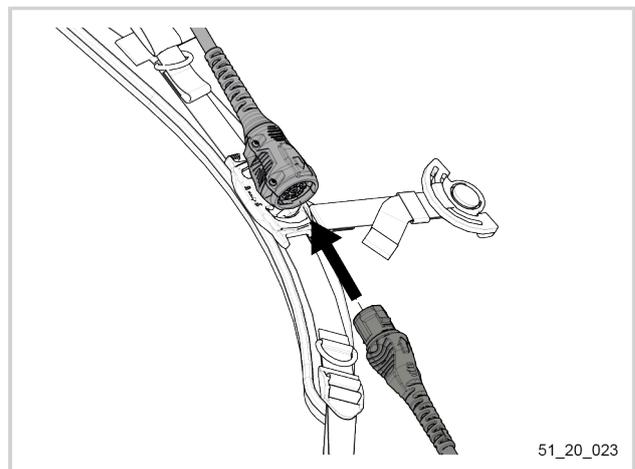
4.9. CONNECTING PELENC BATTERIES TO THE TOOL

Important

Always check the remaining battery-life before use. If necessary, recharge the battery using the charger.

To prolong the life of the connectors, it is advisable to protect them when they are disconnected. Avoid leaving the connectors in contact with abrasive or dirty surfaces, or subjecting them to major impacts (falls).

1. Connect the power cord (6) of the Pole-mounted chainsaw to the connector of the quick connector cord.



51_20_023

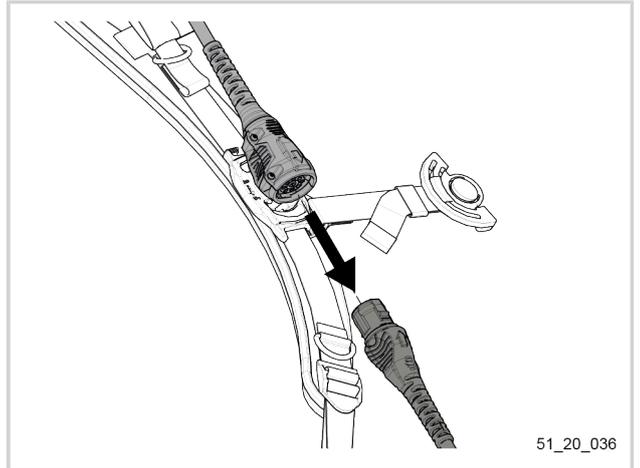
4.10. DISCONNECTING PELLENC BATTERIES FROM THE TOOL

Important

To prolong the life of the connectors, it is advisable to protect them when they are disconnected. Avoid leaving the connectors in contact with abrasive or dirty surfaces, or subjecting them to major impacts (falls).

For more information on PELLENC batteries see the battery instructions.

1. Disconnect the power cord (6) of the Pole-mounted chainsaw from the extension cord (24).



5. USING THE TOOL

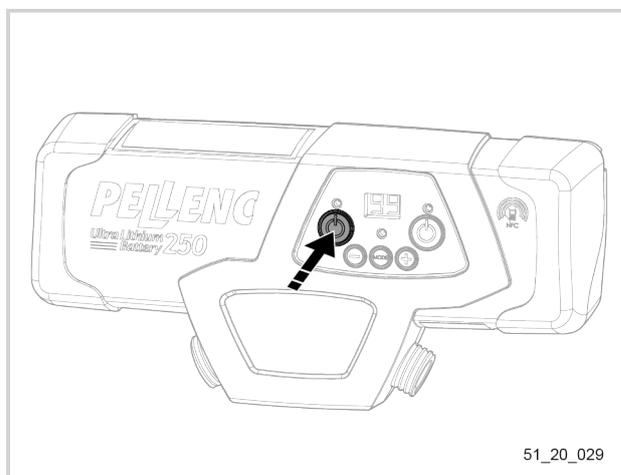
5.1. ADJUSTING THE HARNESS

1. Put on your harness. To adjust your harness according to your body size, refer to the fitting instructions provided with your harness.

5.2. POWERING AND SWITCHING OFF THE BATTERY

5.2.1. ULIB 250 BATTERY

1. Press the battery On / Off button.



5.2.2. ULIB 750 BATTERY

1. Press one of the 2 battery On/Off buttons.



5.2.3. ALPHA 260 / ALPHA 520 BATTERY

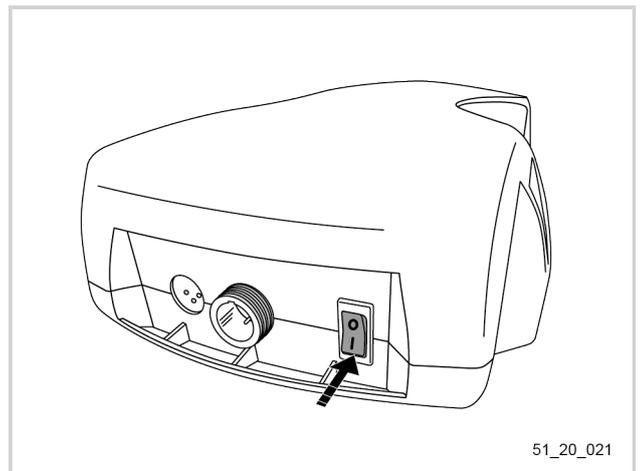
1. Press the battery On / Off button.



51_20_031

5.2.4. 700 / OLIVION+ BATTERY

- Switching on: put the switch in the "0" position.
- Switching off: put the switch in the "I" position.



51_20_021

5.3. HOLDING THE TOOL

For use and transport of the tool use the **carrying strap** (8) provided. For optimal use, tighten the buckles and adjust the strap to obtain a position for comfortable and safe use. Refer to the illustration opposite.

1. Take hold of the tool by the handle (5) and the pole (1) and check that nothing is touching the chain (14).
2. The Pole-mounted chainsaw Selion T175-225 / T220-300 is in its "start-up" position.

Note

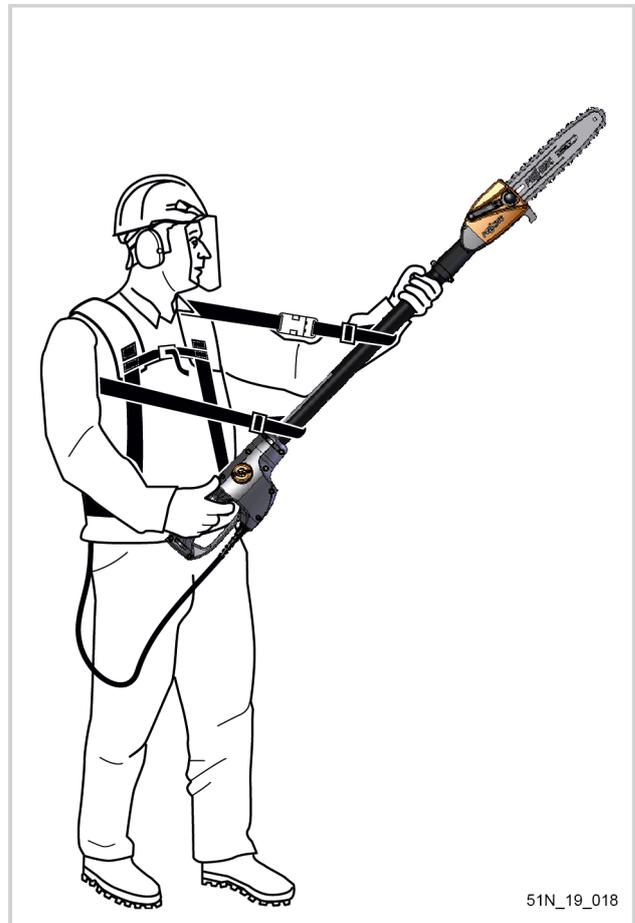
The light (3) on the handle indicates that the tool is powered on.

Warning

Ⓢ Never disconnect the power cord from the battery without checking that the On / Off switch is in the off position «0».

Caution

Ⓢ Do not cut anything other than wood.



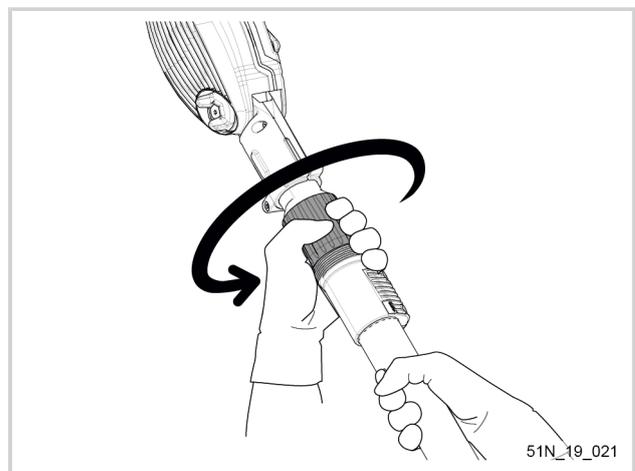
51N_19_018

5.4. ADJUSTMENT OF THE TELESCOPIC POLE

Warning

Always adjust the pole with the battery switched off and with the battery connector disconnected.

- Release the pole locking nut (15).

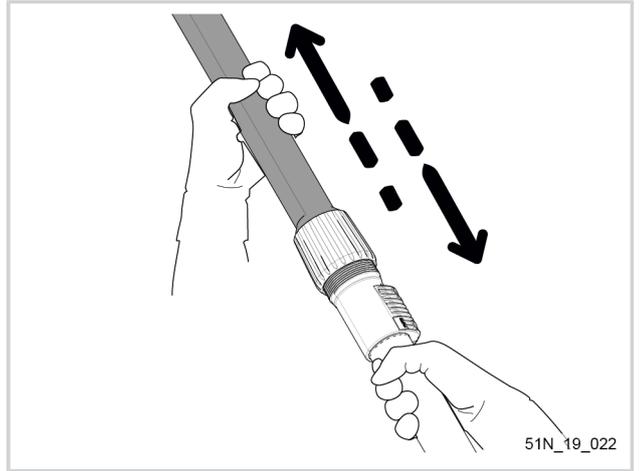


51N_19_021

- Adjust the pole to the desired length.

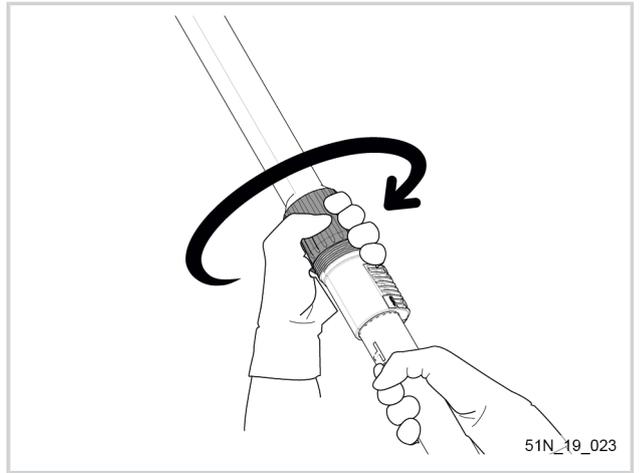
Important

Keep the chainsaw head aligned with the handle.



51N_19_022

- Tighten the pole locking nut (15).



51N_19_023

5.5. START-UP



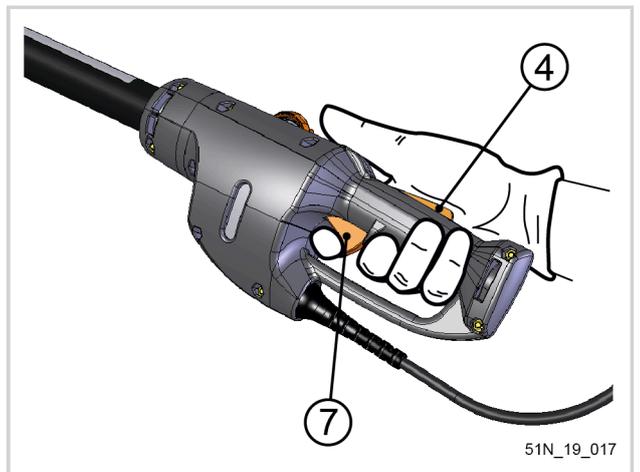
Caution

Always start the motor before bringing the chainsaw into contact with the wood.

Important

Before every use, check the chain tension and tighten it if necessary, see procedure (see Section 6.5, "Automatic chain tensioning")

1. Remove the chain guide protector.
2. Set the Pellenc tool battery On/Off switch to the On position "I". The tool is now powered up and ready to operate.
3. Press and hold the safety trigger (4) while holding the chainsaw by the upper handle.
4. Press the safety (7) and the safety trigger (4). The chainsaw chain turns while the triggers are kept pressed.
5. Release the trigger (7) to stop the motor.



51N_19_017

Note

The light on the handle indicates that the power supply is switched on.

Tip

Allow the chainsaw to cut without pressing excessively.

6. SERVICE

6.1. MAINTENANCE ADVICE



Caution

Always disconnect the tool battery before starting tool maintenance.

- Use products recommended by PELLENC.
- In the event of any problem, consult an authorised PELLENC distributor.

6.2. THE FOUR BASIC RULES

• **Rule No. 1: The chain must be correctly tensioned.**

A properly tensioned chain improves cutting performance and reduces the risk of breakage and / or derailment of the chain.

Refer to procedure Section 6.5, “Automatic chain tensioning”

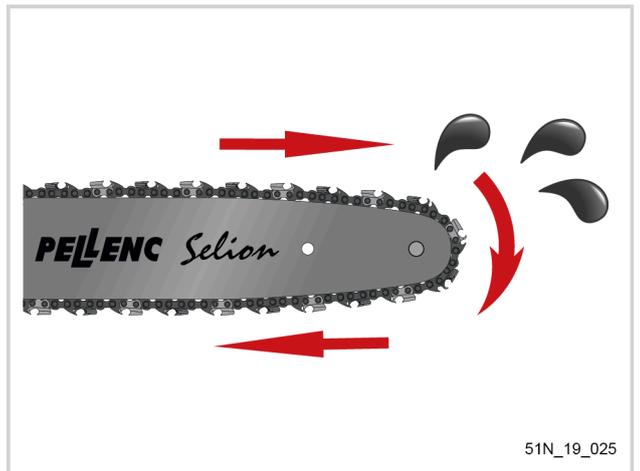


51N_19_024

• **Rule No. 2: The chain must be well lubricated.**

Constant lubrication reduces wear and the risk of breakage of components and of the tool.

Refer to procedure Section 6.6, “Chain lubrication”

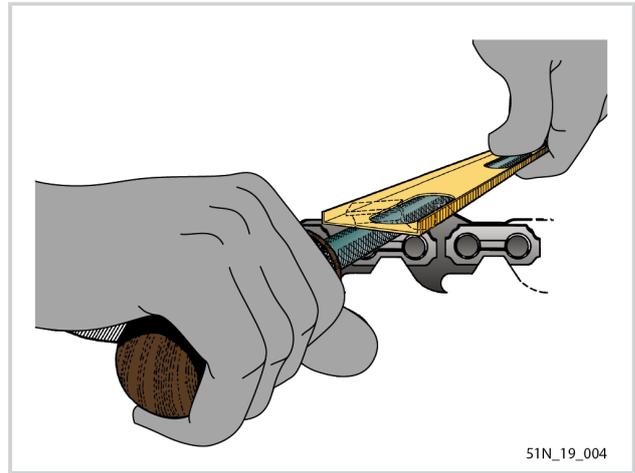


51N_19_025

• **Rule No. 3: The chain must be sharpened.**

A properly sharpened chain improves cutting performance and reduces wear.

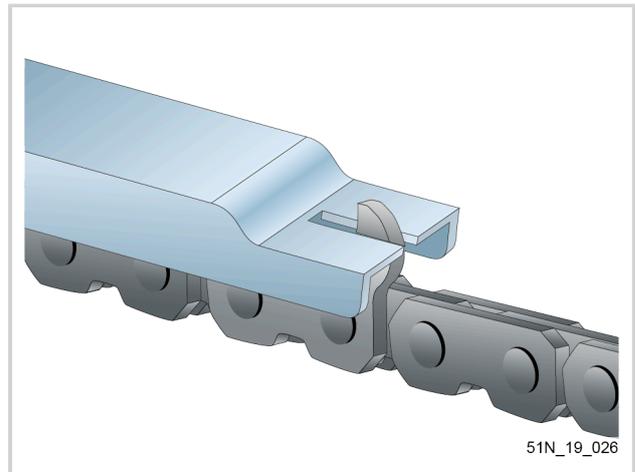
Refer to procedure Section 6.7, “Sharpening the chain”



• **Rule No. 4: The depth limiters must be correctly adjusted.**

The depth limiters must be correctly adjusted and of the right shape to ensure good performance and safety.

Refer to procedure Section 6.8, “Adjusting the depth limiters”



6.3. MAINTENANCE FREQUENCY

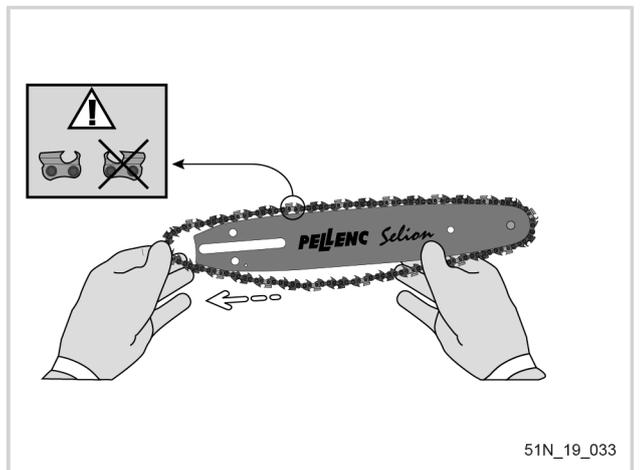
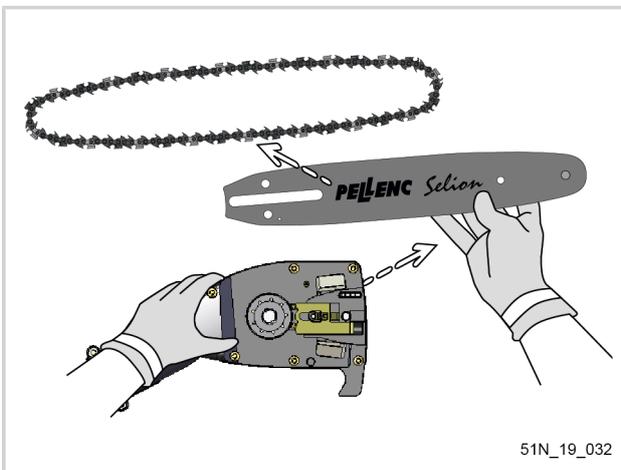
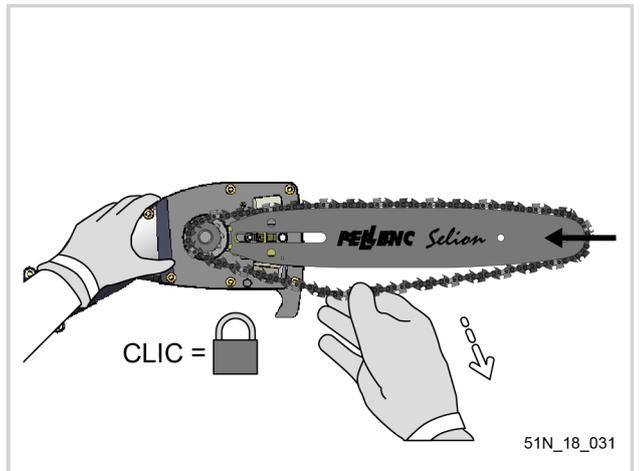
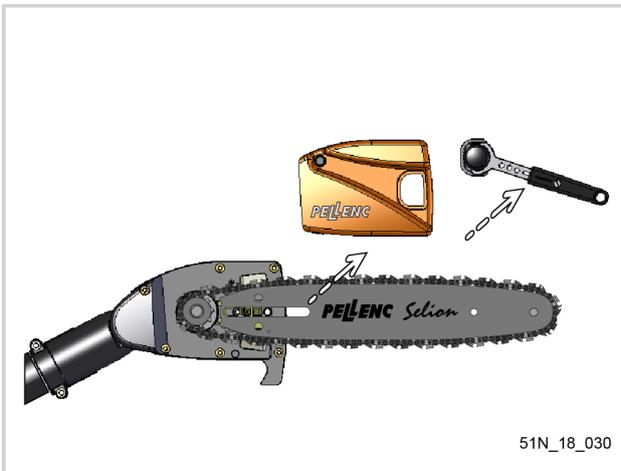
	At each start-up	Every 2 hours	Every week	After use	Every year or when necessary
Visual inspection of the tool	X				
Functional check of the safety trigger	X				
Check and topping up of the oil	X	X			
Checking the greasing of the chain	X				
Check and tensioning of the chain	X	X			
Checking that the chain is sharp	X	X			
Checking the chain brake	X				
Cleaning and cleaning the chain guide				X	
Greasing the chain guide				X	
Checking the sprocket for wear			X		
Checking the capacity of the battery	X				
Have the tool inspected by an authorised distributor					X

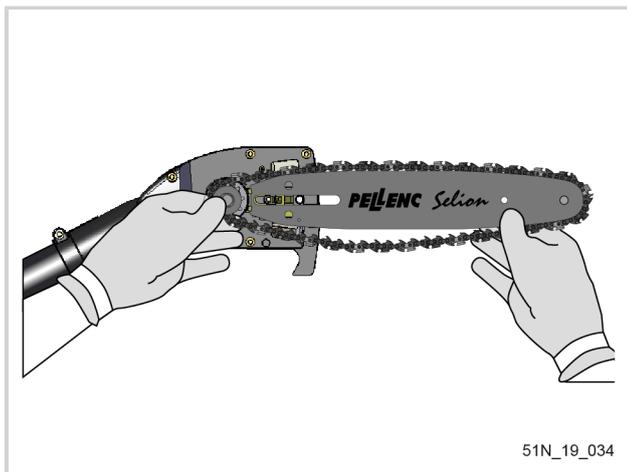


Warning

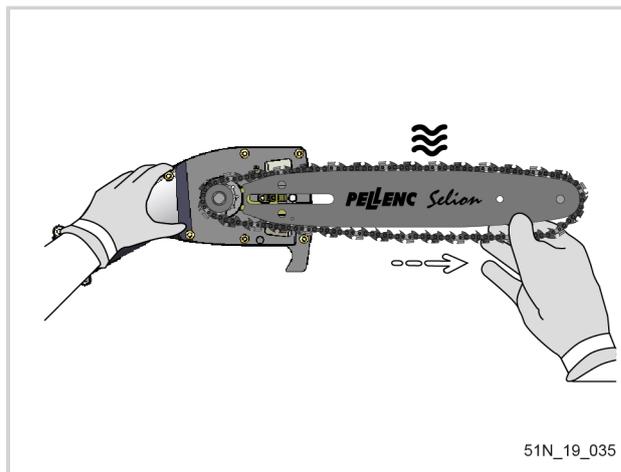
Ⓒ Overhaul the chainsaw every 200 hours or at least once a year. Always make sure the tool is clean and its battery is charged before storing it.

6.4. REPLACING THE CHAIN AND THE CHAIN GUIDE

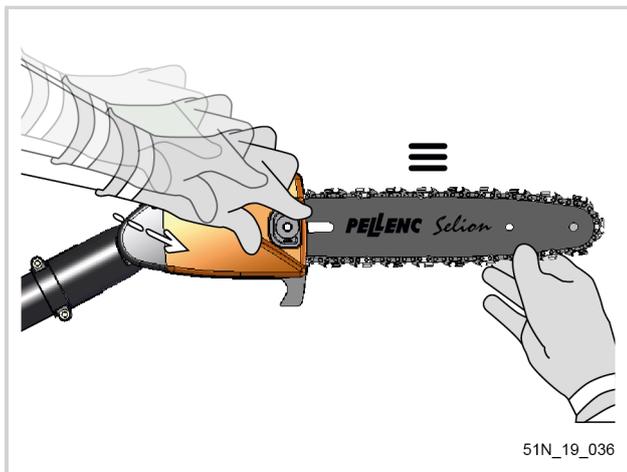




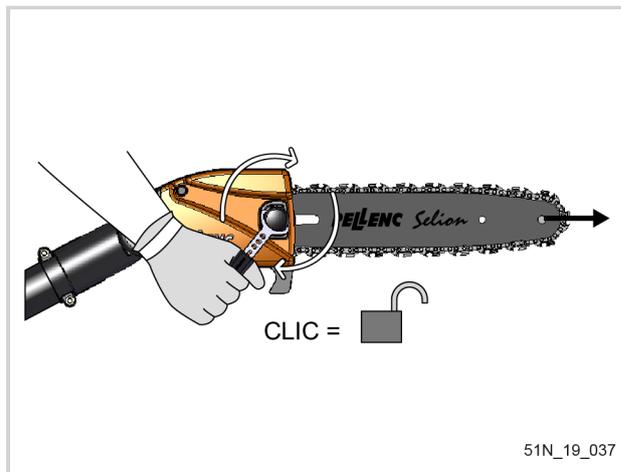
51N_19_034



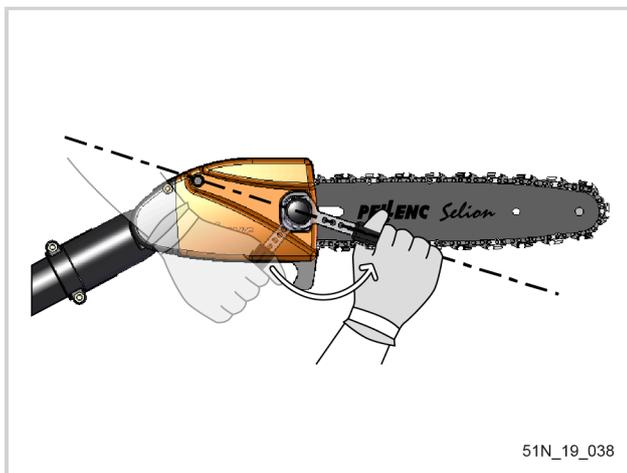
51N_19_035



51N_19_036



51N_19_037



51N_19_038



51N_19_039



Caution

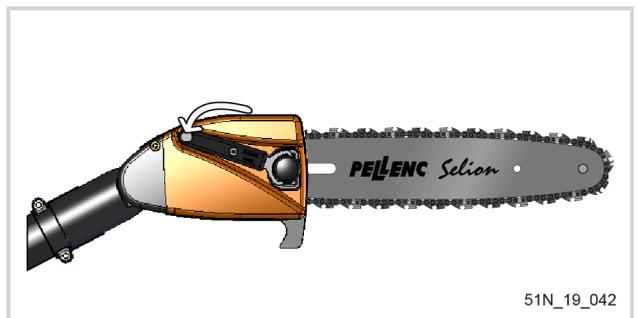
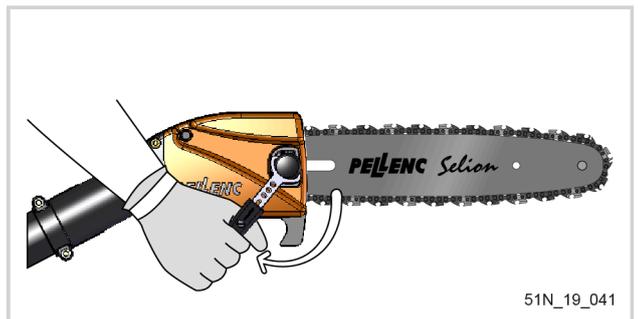
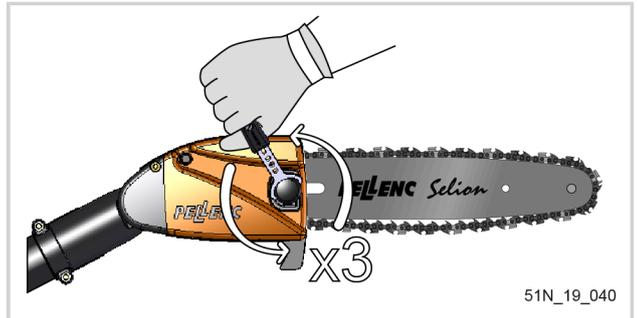
Ⓢ Never use a chain or a guide other than those specified by PELLENC, otherwise there is a risk of personal injury.

6.5. AUTOMATIC CHAIN TENSIONING

Important

Check and adjust the tension of the chain:

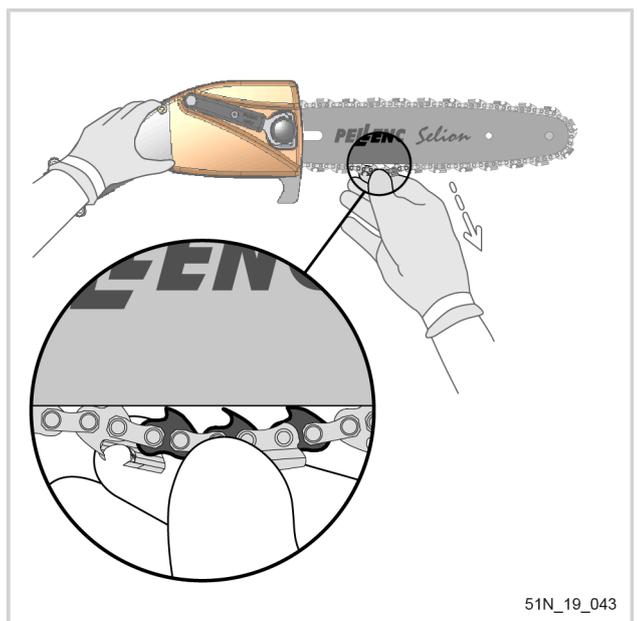
- prior to each use.
 - frequently
-
- Loosen the chain guard tightening nut (12) by 3 turns.
-
- Tighten the chain guard lock nut (12) correctly using the telescopic wrench (11), the chain guide (13) then moves forward and automatically tensions the chain (14).
-
- Re-position the handle of the telescopic wrench (11) on its holding magnet.



Checking the tension of the chain

Important

Adjust the tension as often as necessary. Check the tension by pulling the chain in the middle of the guide: 1 to 3 drive links should appear.



6.6. CHAIN LUBRICATION



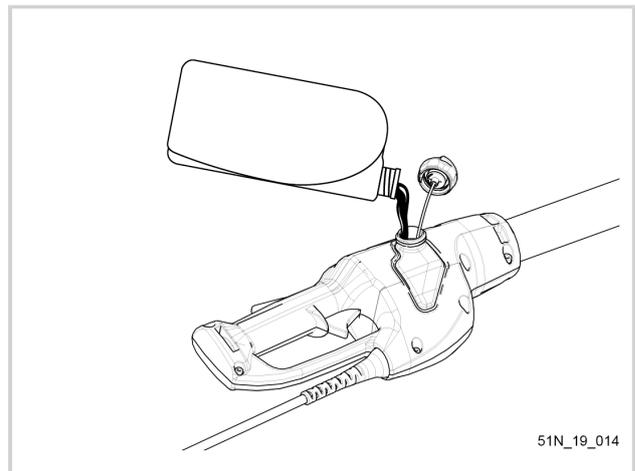
Caution

Check that there is always oil in the reservoir to ensure continuous lubrication.

6.6.1. FILLING THE CHAIN OIL RESERVOIR

Before the first use, it is essential to fill the chain oil reservoir with the specific chain and guide oil (Ref.: 116688)

- The oil reservoir must be kept clean.
 - Clean the cap and the filling area before removing the cap.
 - Do not allow the oil to overflow from the reservoir; wipe off any excess oil.
1. Unscrew the oil reservoir cap (2)
 2. Carefully pour the guide and chain oil into the reservoir.
 3. Screw shut the oil reservoir cap (2)



Important

Check the oil level every hour and top it up if necessary.

Note

PELENC recommends using a biodegradable chain oil that complies with the RAL-UZ-48 standard (ref. 116688, otherwise any oil that complies with the RAL-UZ-48 standard)

Consumables sold separately.

Warning

Never use dirty or used oil.

Ⓢ The oil reservoir is equipped with a strainer. If the oil does not reach the saw head, return the tool to your authorized distributor so that he can clean the strainer.

Caution

Ⓢ Do not use the machine if the chain oil reservoir is empty. Over-heating is caused by the non-respect of this instruction:

- damage the machine and may cause burns and injury to the user.
- cause of premature wear of the guide and the chain which may cause the breakage of the latter.



6.6.2. FORCED CHAIN LUBRICATION

The forced lubrication cycle distributes the oil from the reservoir to the different components.

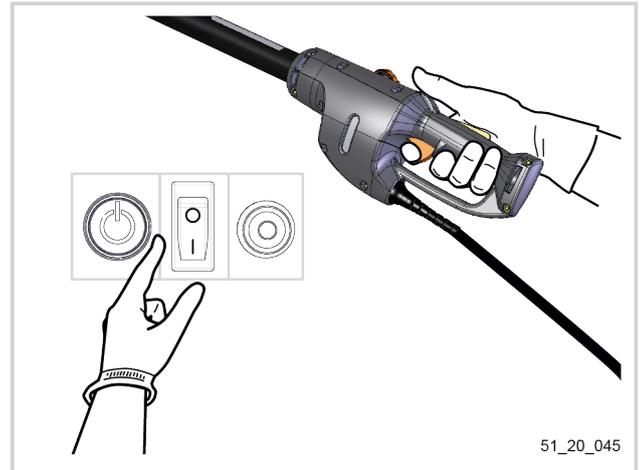
When to carry out the forced lubrication cycle?

The lubrication cycle is always carried out with the lubricant reservoir filled and:

- at the start of every season,
- whenever the mechanism lacks lubrication.

Procedure:

1. Press the triggers and keep them held.
2. Switch on the battery (see Section 5.2, "Powering and switching off the battery".)
3. An automatic cycle starts which sends oil from the reservoir to the chain guide.
 - a. short beep every 20 seconds during the cycle.
 - b. 3 beeps to validate the end of the cycle.
4. Release both triggers when the first beep sounds

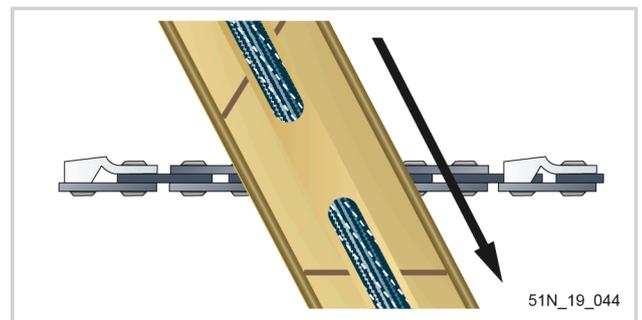


Warning

- Ⓒ Carry out a forced lubrication cycle at the start of each season in order to check the chain lubricating function. Carry out forced lubrication whenever necessary.

6.7. SHARPENING THE CHAIN

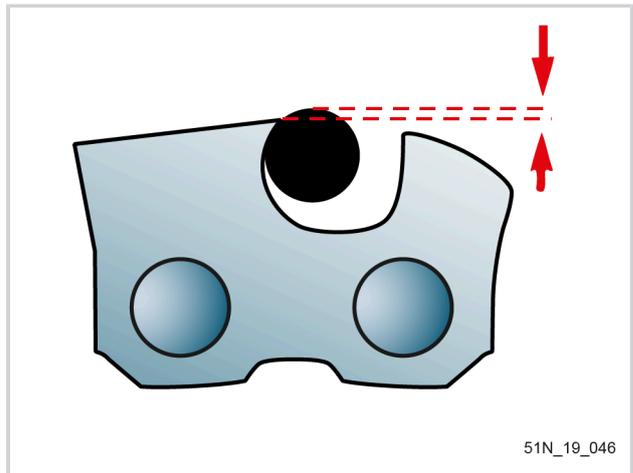
1. Set the battery switch to "0" and disconnect the connector.
2. As shown on the diagram, place a file holder on the top platen and the depth limiter of the cutter.





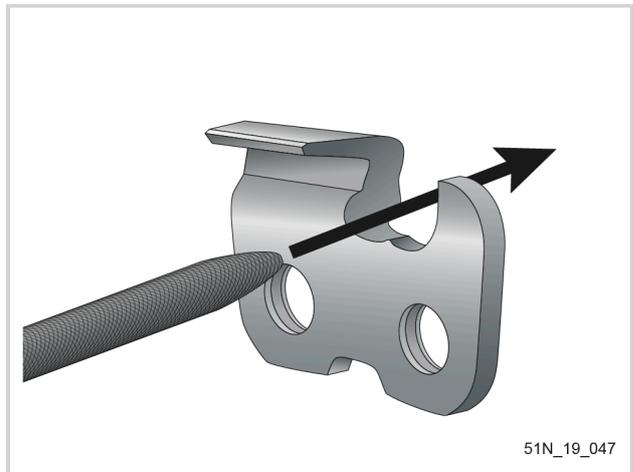
Caution

Do not file the upper side of the drive links or attachment links fitted with an anti-kickback device.



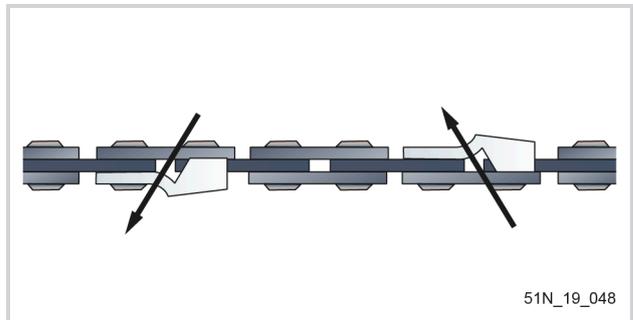
51N_19_046

1. Sharpen the cutters from one side of the chain by filing from the interior toward the exterior. Only file by pushing.



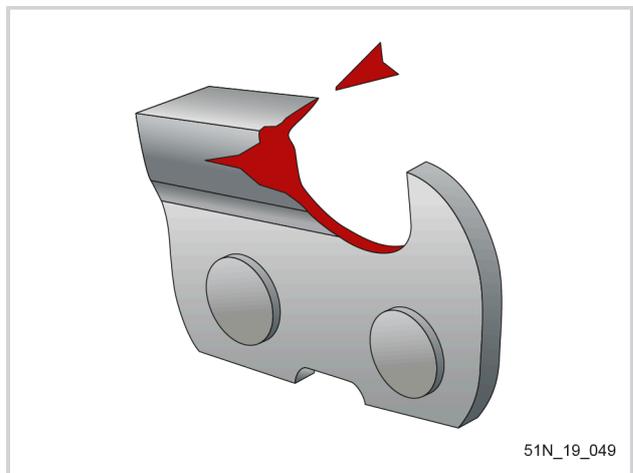
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1. Hold the mark on the file holder parallel with the mark on the platen. Proceed in the opposite manner for the other side.



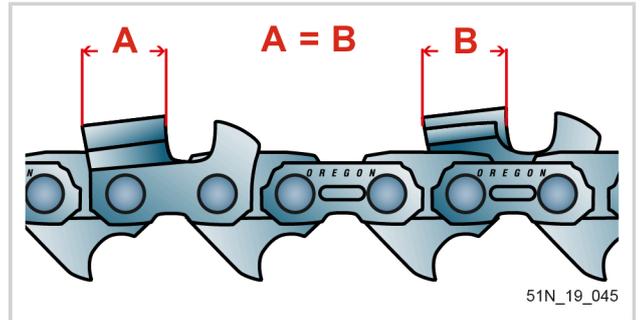
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1. If the side platen or the top platen is damaged, file until this part is removed.



51N_19_049

1. All the gouges must be same length.

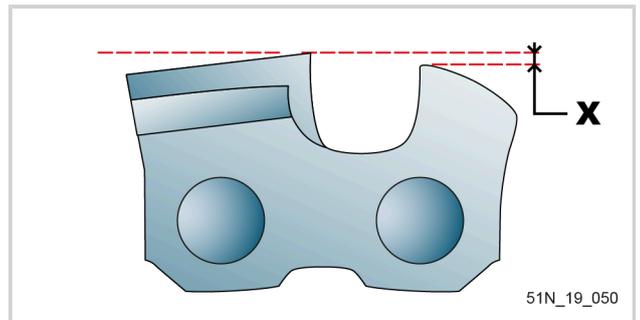


Important

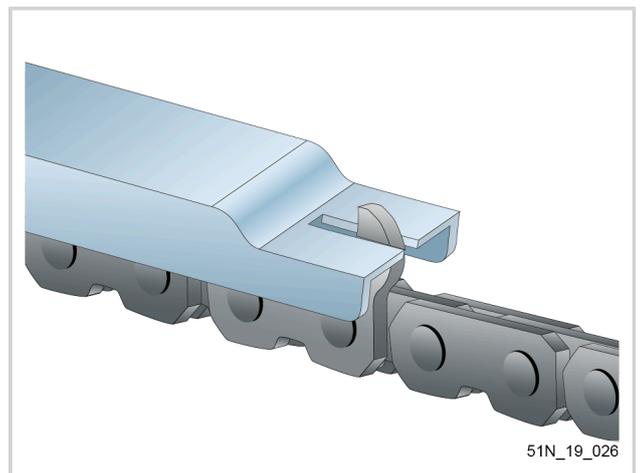
After sharpening the cutters, check the depth limiters again. To do this follow the procedure Section 6.8, "Adjusting the depth limiters".

6.8. ADJUSTING THE DEPTH LIMITERS

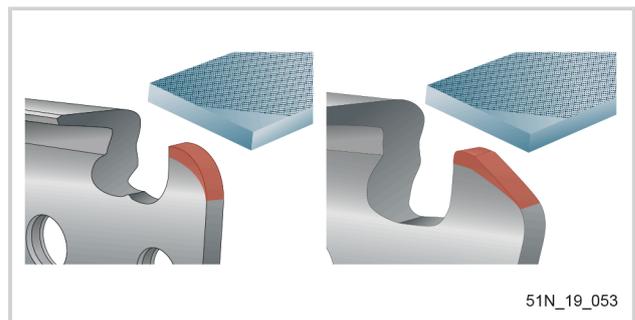
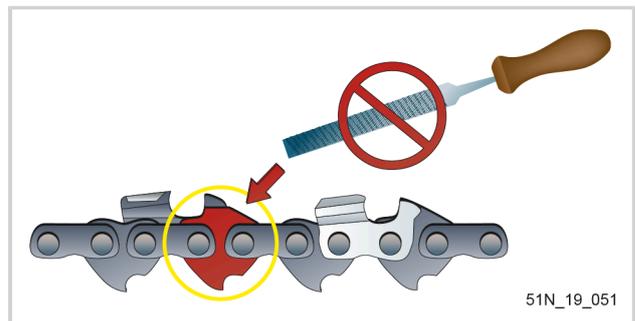
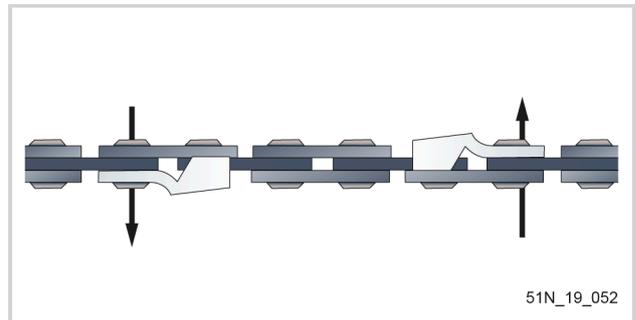
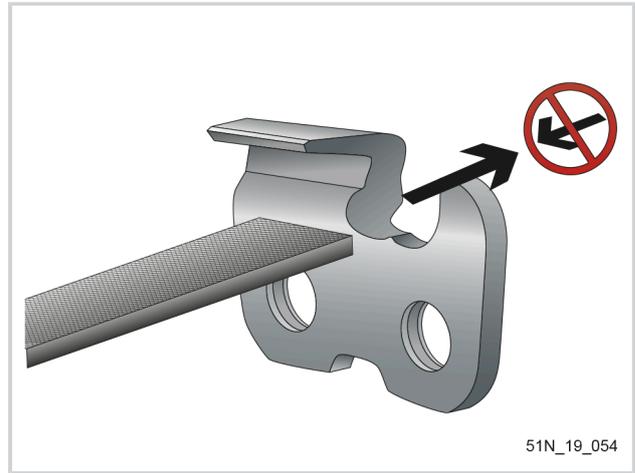
1. Check the depth limiters every 2 or 3 sharpening operations.



2. Use a depth gage corresponding to the type of chain to be sharpened. Place the depth gauge on the gouge.
3. If the depth limiter goes beyond, file it to the level of the depth gage using a flat file.



- File from the interior of the cutter towards the exterior and away by pushing the file.



Caution

Do not file or damage the top of the drive links or the side links fitted with an anti-kickback guard.

- After reducing the height of the depth limiters, round off the angle to maintain the original shape of the depth limiters.

Note

On chains with drive links equipped with anti-kickback guards, it may be necessary to take the chain out of the guide in order to file the depth limiters correctly.

6.9. CHECKING AND REPLACING THE SPROCKET

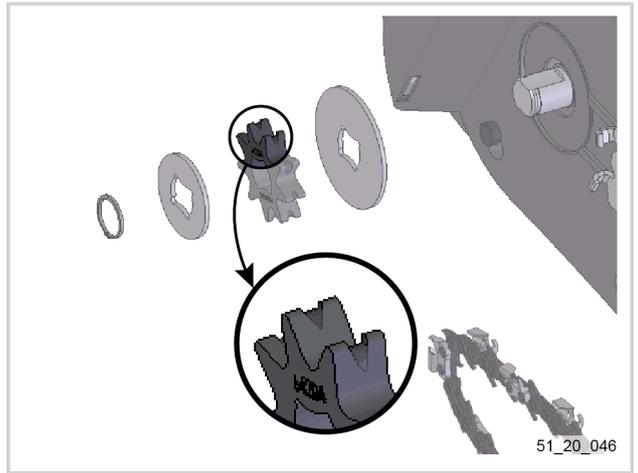
Replace the sprocket if it is damaged or every 2 chain replacements (ref. 85643).

1. Remove the chain guide (13) and the chain (14) (see Section 6.4, "Replacing the chain and the chain guide").
2. Remove the circlips and the sprocket wheel.
3. Replace the sprocket
4. Reinstall the assembly and pay attention to the direction of installation of the circlip.



Caution

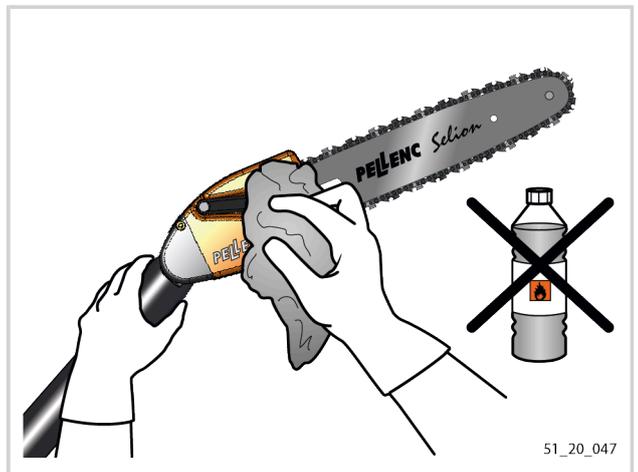
The circlips must be replaced after each dismantling operation (ref.01357).



6.10. CLEANING THE TOOL

Keep the tool clean by cleaning it frequently using a damp cloth and compressed air.

Pay particular attention to the parts in contact with the wood (chain, guide).



Warning

Ⓢ Never use solvents (trichloroethylene, white spirit, petrol, etc.) to clean the tool.

Set the battery switch to "0" and disconnect the connector.

6.11. CLEANING THE CHAIN GUIDE

1. Remove the chain guide (13) and the chain (14). (see Section 6.4, "Replacing the chain and the chain guide").
2. Clean the groove, grease holes and the oblong hole of the chain guide
3. Assemble the chain guide and the chain.

Important

Remove and clean the chain guide every day. Clean the guide and the lubricating holes.

Carry out this operation each time you change work sites in order to disinfect the tool a little.



Clean the lubricating holes as often as necessary.

6.12. GREASING THE CHAIN GUIDE

Lubricate the chain guide every day using a grease gun

Lubricate the chain guide (13) every day using a grease gun (ref.68518).

Note
Consumables sold separately.



6.13. CLEANING THE OIL RESERVOIR

- The oil reservoir must be kept clean.
- Clean the cap and the filling area before removing the cap.
- Do not allow the oil to overflow from the reservoir; wipe off any excess oil.



Warning

Ⓒ The oil reservoir is equipped with a strainer. If the oil does not reach the saw head, return the tool to your authorized distributor so that he can clean the strainer.

7. INCIDENTS AND TROUBLESHOOTING

Problem	Action
Loss of efficiency and/or cutting quality for the Pole-mounted chainsaw Selion T175-225 / T220-300	<p>First of all check that the 4 basic rules are respected</p> <ul style="list-style-type: none"> • Chain tension: Section 6.5, "Automatic chain tensioning" • Chain lubrication: Section 6.6, "Chain lubrication" • Sharpness of the chain: Section 6.7, "Sharpening the chain" • Adjusting the depth limiters: Section 6.8, "Adjusting the depth limiters" <p>If the problem persists, then proceed to:</p> <ul style="list-style-type: none"> • cleaning the chain guide: Section 6.11, "Cleaning the chain guide" • greasing the chain guide: Section 6.12, "Greasing the chain guide"

Problem	Action
	<p>Check the sprocket and replace it if necessary: Section 6.9, "Checking and replacing the sprocket".</p> <p>If none of these procedures succeeds in resolving the problem, contact a certified distributor or after-sales service PELENC SAS.</p>
<p>The Pole-mounted chainsaw Selion T175-225 / T220-300 will not start</p>	<p>Check the following points:</p> <ul style="list-style-type: none"> • Check that the Pole-mounted chainsaw Selion T175-225 / T220-300 is correctly connected to the battery. • Check the battery charge level. <p>If none of these procedures succeeds in resolving the problem, contact a certified distributor or after-sales service PELENC SAS.</p>

8. STORAGE AND TRANSPORT

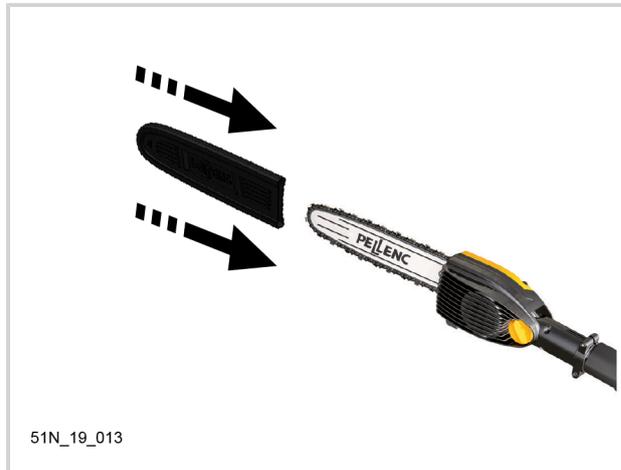
8.1. CHAIN PROTECTION

Fit the guide and chain protection whenever you transport, handle and store the chainsaw.



Warning

Never transport the chainsaw without its protective cover.



8.2. OFF-SEASON STORAGE

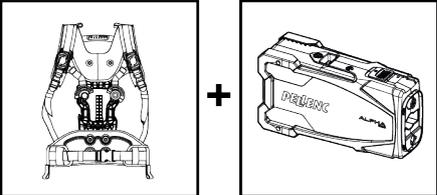
- Always clean the tool before storing it.
- Make sure the chain is sharp before storing the tool.
- Grease the guide before storing the tool.
- Empty the oil reservoir before storing the tool.
- Fit the chain guide protector during transport and storage.

9. ACCESSORIES AND CONSUMABLES

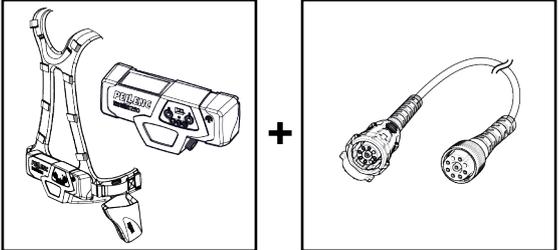
9.1. ACCESSORIES

	reference
Grease pump for chain guide	68518
Retaining clamp	68519
Sharpening kit	68520
Round file (box of 12)	68521
Flat file (box of 12)	68522
Round file (pack of 3)	68611

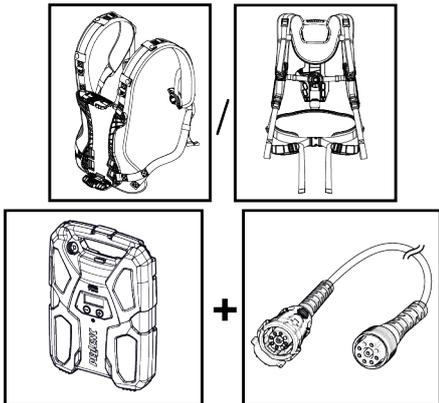
9.2. OPTIONAL ACCESSORIES

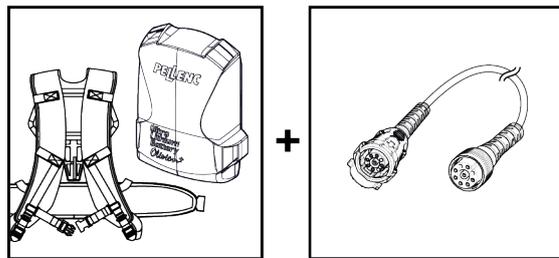
Name	reference	
Alpha harness	57194	
PELENC ALPHA 260 battery	57192	
PELENC ALPHA 520 battery	57193	
EXTENSION CORD	57248	
		

51_20_039

Name	reference	
PELENC ULIB 250 battery pack	57107	
EXTENSION CORD	57238	

51_20_041

Name	reference	
Comfort harness	57183	 <p>51_20_040</p>
Lightweight harness	57257	
PELLENC ULIB 750 battery	57191	
EXTENSION CORD	57238	

Name	reference	
Olivion+ battery pack	57173	 <p>51_20_042</p>
Extension cord	57237	

9.3. CONSUMABLES

	References:
5L can of organic oil	116688
SELION 1/4 9 tooth chain sprocket wheel kit	79087
Precision chain guide (9.4" - 1/4") <i>compatible with chain ref. 138883</i>	138823
Precision chain 55E (9.4" - 1/4") <i>compatible with chain guide ref. 138823</i>	138883
Precision chain guide (6" - 1/4") <i>compatible with chain ref. 138880</i>	138788
Precision chain 41E (6" - 1/4") <i>compatible with chain guide ref. 138788</i>	138880
Carving chain guide (6" - 1/4") <i>compatible with chain ref: 71550</i>	80343
Precision chain 42E (6" - 1/4") <i>compatible with chain guide ref. 80343</i>	71550
Chain guide (10" - 1/4") <i>compatible with chain ref: 64486</i>	66756
Chain 58E (10" - 1/4") <i>compatible with chain guide ref. 66756</i>	64486

10. WARRANTIES

10.1. GENERAL WARRANTIES

10.1.1. STATUTORY WARRANTY

- 10.1.1.1. LATENT DEFECTS WARRANTY

Apart from the commercial warranty provided for under Article II, Article 1641 of the Civil Code provides that "the seller is bound to a warranty on account of latent defects of the object sold which render it unfit for the use for which it was intended, or which would impair said use to the extent that the buyer would not have acquired it, or would only have given a lesser price for it, had he known of them".

Article 1648 of the Civil Code "The action resulting from latent defects must be brought by the purchaser within two years after the discovery of the defect. "

- 10.1.1.2. LEGAL WARRANTY OF CONFORMITY

Article L.217-4 of the Consumer Code "The seller delivers goods in conformity with the contract and is liable for defects of conformity existing upon delivery.

The seller is also liable for any lack of compliance resulting from the packaging, assembly or installation instructions whenever its contractual liability is engaged in this regard or the latter are carried out under its responsibility

Article L.217-5 of the French Consumer Code "Goods are compliant with the contract":

1. Where they are fit for the purpose normally expected of similar goods and, where applicable:
 - If it matches the description given by the seller and possesses the qualities that were presented to the purchaser in the form of a sample or model;
 - If it possesses the qualities that a purchaser can reasonably expect given the public statements made by the seller, the producer or its representative, especially in advertising or labelling;
2. Or, if it has the characteristics defined by mutual agreement of the parties or is fit for any particular purpose that the buyer made known to the seller and that the latter accepted.

Article L.217-12 of the Consumer Code "legal action resulting from lack of conformity lapses two years after delivery of the goods".

10.1.2. COMMERCIAL WARRANTYPELLENC

- 10.1.2.1. CONTENT

10.1.2.1.1. GENERAL INFORMATION

In addition to legal warranties, client users benefit from the commercial warranty on products PELLENC covering the exchange and replacement of parts recognised as being out of order, due to machining defects, assembly defects or material defects, whatever the cause.

The warranty is fully integral to the product sold by PELLENC.

10.1.2.1.2. SPARE PARTS

The commercial warranty also covers original PELLENC spare parts, excluding labour and to the exclusion of certain parts of each product provided at delivery.

- 10.1.2.2. DURATION OF THE WARRANTY**10.1.2.2.1. GENERAL INFORMATION**

PELENC Products are guaranteed under the commercial warranty as from delivery to the customer for a period of two (2) years for products connected to a PELENC battery, and for a period of one (1) year for other PELENC products.

10.1.2.2.2. SPARE PARTS

PELENC Replacement parts replaced under the product warranty are guaranteed under the commercial warranty as from delivery of the PELENC product to the customer user for a period of two (2) years for products connected to a PELENC battery, and for a period of one (1) year for other PELENC products.

In the case of products connected to a PELENC battery, parts that are replaced under the product warranty after the 12th month of use, are covered for a period of one (1) year.

10.1.2.2.3. WARRANTY EXCLUSIONS

Excluded from the commercial warranty are products that have been subject to abnormal use, or were used under conditions and for purposes other than those for which they were manufactured, especially in the case of non-compliance with conditions stipulated in this user manual.

It does not apply in case of shock, fall, neglect, lack of supervision or maintenance or in case of transformation of the product. Also excluded from the warranty are products that have been subject to tampering, alteration or modification by the client user.

Wear parts and/or consumables cannot be covered by the warranty.

- 10.1.2.3. IMPLEMENTATION OF THE COMMERCIAL WARRANTY**10.1.2.3.1. PRODUCT COMMISSIONING AND COMMISSIONING DECLARATION**

The DISTRIBUTOR undertakes to complete the computer commissioning declaration form, no later than eight days after the delivery of the property to the user customer, in order to activate the latter on the www.pellenc.com website under "warranties and training" in the "extranet" menu, using the identifier previously provided to them by PELENC.

Failing that, commissioning declaration will not be effective and implementation of the commercial warranty PELENC will not occur. As a consequence thereof, the DISTRIBUTOR must ensure the financial burden of its intervention under the warranty without being able to pass on the cost to the client user.

The DISTRIBUTOR shall also undertake to complete the warranty card or the certificate of warranty and commissioning for self-propelled equipment provided with the product after having the client user sign and date it.

10.1.3. PAID AFTER-SALES SERVICE**- 10.1.3.1. GENERAL INFORMATION**

Malfunctions, breakdowns, breakages resulting from misuse, neglect or improper maintenance by the client user as well as malfunctions resulting from normal wear of the product are subject to the payment of after-sales service, even during the period of the legal and commercial warranty. After-sales service repairs that fall outside of the legal and commercial warranty also include maintenance, adjustments, diagnostics of all types, and cleaning without the present list being exhaustive.

- 10.1.3.2. WEAR PARTS AND CONSUMABLES

Wear parts and consumables also fall within the after-sales service.

- 10.1.3.3. SPARE PARTS

Paid after-sales service also covers original PELLENC spare parts, excluding labour and outside the legal and commercial warranty period.

In case of replacement of original PELLENC spare parts in the context of after-sales service, said latter are covered by a warranty of one year as from the installation date.

11. COMPLIANCE STATEMENTS

11.1. "EC" DECLARATION OF CONFORMITY: SELION T

MANUFACTURER	PELENC
ADDRESS	Quartier Notre-Dame - 84120 Pertuis (France)
ENTITY AUTHORIZED TO COMPILE THE TECHNICAL FILE	PELENC
ADDRESS	Quartier Notre-Dame - 84120 Pertuis (France)

We hereby declare that the machine referred to below as:

GENERIC DENOMINATION	Pole-mounted chainsaw	
FUNCTION	Intended for tree-pruning	
COMMERCIAL NAME	Selion Telescopic	
TYPE	Selion T	
MODELS	T175-225	T 220-300
SERIAL No.	51T00001 - 51T49999 51U00001 - 51U49999 51V00001 - 51V49999	

Complies with the relevant provisions of the machinery directive (2006/42/EC).

Complies with the provisions of the following European directives:

- 2014/30/EU EMC Directive
- 2011/65/EU ROHS Directive
- 1907/2006 REACH Regulation
- 2012/19/EU WEEE Directive

The following harmonised European standards have been used in whole or in part:

- EN 60745-1 : 2009 + A11: 2010-01
- EN 55014-1: 2017
- EN 55014-2: 2015
- EN ISO 11680-2: 2011

Obtained a "CE" type exam certificate, No.MD-159 issued by SGS-FIMKO (0598).

Sound and vibration rate at maximum working speed

MODELS	T 175-225	T 220-300
Vibration level according to EN 60745-1 and EN ISO 11680-2 (with uncertainty $K = 1.5 \text{ m/s}^2$)	$a_h = 0.52 \text{ m/s}^2$	$a_h = 0.44 \text{ m/s}^2$

MODELS	T 175-225	T 220-300
Sound pressure according to EN 60745-1 and EN ISO 11680-2 (with uncertainty $K_{pA} = 3,0 \text{ dB(A)}$)	$L_{pA} = 82 \text{ dB (A)}$	$L_{pA} = 80 \text{ dB (A)}$
Guaranteed sound power according to Directive 2000/14 /EC	$L_{WA,d} = 93 \text{ dB (A)}$	$L_{WA,d} = 94 \text{ dB (A)}$

SIGNED IN PERTUIS, dated 25/11/2019

JEAN-MARC GIALIS

CEO



PELLENC

   www.pellenc.com

PELLENC
Quartier Notre Dame - 84120 Pertuis (France)

