

**ENG**

Translated from original  
operating instructions manual



# CHAINSAW SELION C21 HD

Operating Instructions

51\_149277-E  
03/2024

**READ THE USER OPERATING GUIDE CAREFULLY BEFORE USE**



# TABLE OF CONTENTS

<b>1. INTRODUCTION .....</b>	<b>6</b>
<b>2. SAFETY .....</b>	<b>7</b>
2.1. INTENDED USES .....	7
2.2. RESIDUAL RISKS .....	7
2.3. GENERAL SAFETY INSTRUCTIONS FOR THE TOOL .....	7
2.3.1. WORK AREA SAFETY .....	8
2.3.2. ELECTRICAL SAFETY .....	8
2.3.3. PERSONAL SAFETY .....	8
2.3.4. POWER TOOL USE AND CARE .....	8
2.3.5. BATTERY TOOL USE AND CARE .....	9
2.3.6. MAINTENANCE AND SERVICE .....	9
2.4. SAFETY INSTRUCTIONS FOR CHAINSAWS .....	9
2.4.1. GENERAL CHAIN SAW SAFETY WARNINGS .....	9
2.4.2. CAUSES AND OPERATOR PREVENTION OF KICKBACK .....	10
2.5. SAFETY MEASURES RELATED TO THE USE OF THE BATTERY AND THE CHARGER "PELLENC" .....	11
2.6. SAFETY SIGNS .....	11
2.7. PERSONAL PROTECTIVE EQUIPMENT .....	12
2.8. SAFETY HABITS .....	12
2.9. WORKING WITH TREE SERVICE HAND-HELD CHAINSAWS USING A ROPE AND HARNES	13
2.9.1. OVERVIEW .....	13
2.9.2. GENERAL REQUIREMENTS .....	13
2.9.3. PREPARATIONS BEFORE USING THE CHAINSAW IN THE TREE .....	13
2.9.4. USE OF THE CHAINSAW IN THE TREE .....	14
2.9.5. SECURING THE WORK POSITION FOR TWO-HANDED USE .....	14
2.9.6. USE OF THE CHAINSAW ONE-HANDED .....	15
2.9.7. FREEING A TRAPPED SAW .....	15
<b>3. DESCRIPTION AND TECHNICAL FEATURES .....</b>	<b>16</b>
3.1. TOOL DESCRIPTION .....	16
3.2. TECHNICAL FEATURES .....	17
3.2.1. GENERAL CHARACTERISTICS .....	17
3.2.2. CHAINS AND CHAIN GUIDES COMPATIBILITY .....	17
3.2.3. COMPATIBILITY BETWEEN BATTERY AND TOOL .....	17
3.2.4. NOISE LEVELS .....	18
3.2.5. VIBRATION LEVELS .....	18
<b>4. START-UP .....</b>	<b>18</b>
4.1. CONTENTS OF THE BOX .....	18
4.2. USEFUL TIPS FOR COMMISSIONING .....	18
4.3. REMOVE / FIT THE CHAIN GUIDE PROTECTOR .....	19
4.4. ASSEMBLY OF THE CHAIN AND CHAIN GUIDE (1ST USE) .....	19

<b>4.5. AUTOMATIC CHAIN TENSIONING (FIRST USE)</b>	<b>21</b>
<b>4.6. CHAIN LUBRICATION (FIRST USE)</b>	<b>22</b>
4.6.1. FILLING THE CHAIN OIL RESERVOIR	22
4.6.2. FIRST FORCED LUBRICATION CYCLE	23
<b>4.7. RUNNING-IN (FIRST USE)</b>	<b>23</b>
<b>4.8. FITTING THE BATTERY ON THE HARNESS</b>	<b>23</b>
<b>4.9. CONNECTING A BATTERY PELLENC TO THE TOOL</b>	<b>24</b>
4.9.1. ULIB 250 BATTERIES	24
4.9.2. ULIB 750 / ALPHA 260 / ALPHA 520 BATTERIES	24
<b>4.10. DISCONNECTING A BATTERY PELLENC FROM THE TOOL</b>	<b>25</b>
4.10.1. ULIB 250 BATTERY	25
4.10.2. ULIB 750 / ALPHA 260 / ALPHA 520 BATTERIES	26

## **5. USE 26**

<b>5.1. ADJUSTING THE HARNESS</b>	<b>26</b>
<b>5.2. SWITCHING THE BATTERY ON AND OFF</b>	<b>26</b>
5.2.1. ULIB 250 BATTERY	26
5.2.2. ULIB 750 BATTERY	27
5.2.3. ALPHA 260 / ALPHA 520 BATTERIES	27
<b>5.3. HOW TO HOLD AND USE THE TOOL</b>	<b>27</b>
<b>5.4. START-UP</b>	<b>28</b>
<b>5.5. CHAIN BRAKE</b>	<b>28</b>

## **6. MAINTENANCE 29**

<b>6.1. FREQUENCY OF OPERATIONS</b>	<b>29</b>
<b>6.2. CHECKS</b>	<b>30</b>
6.2.1. VISUAL INSPECTION OF THE TOOL	30
6.2.2. CHECKING THE SAFETY THROTTLE	31
6.2.3. CHECKING THE OPERATING TRIGGER	31
6.2.4. CHECKING THE RIGHT CHAIN ROLLER SUPPORT	31
6.2.5. CHECKING THE LEFT HAND PROTECTION	32
6.2.6. CHECKING THE TOOL POWER CORD	32
6.2.7. CHECKING THE POWER "ON" INDICATOR	32
6.2.8. CHECKING THE CHAIN BRAKE	33
6.2.9. CHECKING THE GREASING OF THE CHAIN	33
6.2.10. ADJUSTMENT AND VERIFICATION OF AUTOMATIC CHAIN TENSION (AUTOMATIC TENSION)	33
6.2.11. CHECKING THE SHARPNESS OF THE CHAIN	34
6.2.12. CHECKING AND ADJUSTING THE DEPTH LIMITERS	36
<b>6.3. REPLACEMENT</b>	<b>37</b>
6.3.1. REPLACING THE CHAIN AND THE CHAIN GUIDE	37
6.3.2. VISUAL CHECK AND REPLACEMENT OF THE SPROCKET	40
6.3.3. CHANGING THE OIL IN THE OIL TANK	40
<b>6.4. CLEANING</b>	<b>41</b>
6.4.1. CLEANING THE TOOL	41
6.4.2. CLEANING THE CHAIN GUIDE	42
6.4.3. CLEANING THE OIL RESERVOIR TANK	42
<b>6.5. GREASING</b>	<b>43</b>
6.5.1. FORCED CHAIN LUBRICATION	43
6.5.2. GREASING THE CHAIN GUIDE NOSE	43

<b>7. INCIDENTS AND TROUBLESHOOTING .....</b>	<b>44</b>
<b>8. STORAGE AND TRANSPORT .....</b>	<b>44</b>
8.1. STORAGE .....	44
8.2. PROLONGED STORAGE .....	44
8.3. TRANSPORT .....	45
<b>9. ACCESSORIES AND CONSUMABLES .....</b>	<b>45</b>
9.1. INCLUDED ACCESSORIES .....	45
9.2. OPTIONAL ACCESSORIES .....	45
9.3. CONSUMABLES .....	46
<b>10. WARRANTIES .....</b>	<b>47</b>
10.1. GENERAL WARRANTIES .....	47
10.1.1. STATUTORY WARRANTY .....	47
10.1.2. COMMERCIAL WARRANTY PELENC .....	47
10.1.3. PAID AFTER-SALES SERVICE .....	48
<b>11. COMPLIANCE STATEMENTS .....</b>	<b>50</b>
11.1. EC DECLARATION OF CONFORMITY : SELION C .....	50
11.2. UK DECLARATION OF CONFORMITY <sup>UK</sup> <del>CA</del> : SELION C21 HD .....	51

## 1. INTRODUCTION

Dear Customer,

Thank you for purchasing your ChainsawSelion C21 HD. Properly used and maintained, this equipment will give you years of satisfaction.



### Warning

In accordance with product liability laws, we are not responsible for damage caused by our product if the product includes an accessory that is not from the manufacturer or is not approved by the manufacturer. The use of any other accessory may increase the risk of injury.



### Warning

Your device contains numerous recoverable or recyclable materials. Return it to your dealer or, failing this, to an approved servicing center 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 guide before using or servicing the tool. Always comply with the instructions and illustrations in the manual.


Throughout the user's manual guide you will find advisory notes and information entitled: NOTE, IMPORTANT, ATTENTION and WARNING.

Indications labelled as "NOTE" provide additional information.

Points marked "IMPORTANT" warn the user of a potential risk for the equipment.

Points marked "CAUTION" warn the user of a potentially hazardous situation which if not avoided may result in minor injuries.

Points marked "WARNING" warn the user of a potentially hazardous situation which if not avoided may result in serious injury or death.

Caution  indicates the guarantee will not cover any damage resulting from failure to comply with the procedures and instructions, for which the owner will incur the repair costs.

Safety signs on the tool also indicate the safety precautions to be observed. Locate these signs and read them before using your machine. Any partially illegible or damaged sign should be replaced immediately.

Refer to 2.6. Safety signs, page 11 for the location diagram of the safety stickers affixed to the tool.

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## 2. SAFETY

### 2.1. INTENDED USES

- The ChainsawSelion C21 HD is intended for cutting only wood and branches up to a diameter corresponding to the length of the chainsaw guide bar.
- The ChainsawSelion C21 HD is not intended for ground-based use.
- The ChainsawSelion C21 HD is intended to be used only by trained tree-climber operators for tree pruning and trimming.
- The ChainsawSelion C21 HD is intended to be used exclusively outdoors.
- Any other use of the ChainsawSelion C21 HD is not intended.
- The ChainsawSelion C21 HD may only be fitted with original spare parts or spare parts approved by the manufacturer (e.g. guide bar, saw chain) and with authorised guide bar/saw chain combinations as specified in the manual.
- The user is responsible for any accident resulting from improper use or unauthorized modification of the ChainsawSelion C21 HD.



#### Warning

This Chainsaw must only be used by operators trained and qualified in tree pruning. Use without proper training may result in serious injury.

### 2.2. RESIDUAL RISKS

Even when using the ChainsawSelion C21 HD, as intended, there is always a degree of unavoidable residual risk. The following potential risks may apply:

- Risk of cutting due to contact with the exposed saw teeth of the tool
- Risk of cuts due to contact with the moving chain
- Risk of cuts due to unexpected and sudden movement of the chain guide bar
- Risk of cuts or piercing injuries from flying parts of the tool
- 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 electric shock/electrocution if the tool comes into contact with or comes close to live cables
- Risk of the user falling from a tree, related to the risks inherent in the practice of pruning at height.
- Aggravated risk of falling if the user cuts the rope with which secures his position in the tree.

### 2.3. GENERAL SAFETY INSTRUCTIONS FOR THE TOOL



#### Warning

**Read all safety warnings, instructions, illustrations and specifications provided with this power tool.** Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

#### Note

**Retain all the safety measures and instructions for later reading.**

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

### 2.3.1. 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.

### 2.3.2. ELECTRICAL SAFETY

1. **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
2. **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
3. **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
4. **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges, and moving parts.** Damaged or entangled cords increase the risk of electric shock.
5. **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
6. **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

### 2.3.3. PERSONAL SAFETY

1. **Stay alert, watch what you are doing, and use common sense when operating a power tool. Do not use a power tool when 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.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
3. **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
4. **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
5. **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
6. **Dress properly. Do not wear loose clothing or jewelry. Keep your hair and clothing away from moving parts.** Loose clothes, jewellery or long hair can get caught in moving parts.
7. **If devices are provided for the connection of dust extraction and collection facilities, ensure that these are connected and properly used.** Use of dust collection can reduce dust-related hazards.
8. **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.

### 2.3.4. POWER TOOL USE AND CARE

1. **Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
2. **Do not use the power tool if the switch does not turn it on and off.** Power tools that cannot be controlled by a switch are dangerous and must be repaired.
3. **Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.



4. **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
5. **Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** Many accidents are due to poorly maintained power tools.
6. **Keep the cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
7. **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.
8. **Keep handles and grasping surfaces dry, clean and free from oil and grease.** Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

### 2.3.5. BATTERY TOOL USE AND CARE

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 pack 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, flush with water. If liquid contacts eyes, additionally seek medical help.** Liquid ejected from the battery may cause irritation or burns.
5. **Do not use a battery pack or tool that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
6. **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperatures above 130°C may cause an explosion.
7. **Follow all charging instructions and do not charge the battery pack or battery-powered tool outside the temperature range specified in the instructions.** Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

### 2.3.6. MAINTENANCE AND SERVICE

1. **Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.** This will ensure that the safety of the power tool is maintained.
2. **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorized service providers.

## 2.4. SAFETY INSTRUCTIONS FOR CHAINSAWS

### 2.4.1. GENERAL CHAIN SAW SAFETY WARNINGS

1. **Keep all parts of the body away from the saw chain when the chain saw is operating. Before you start the chain saw, make sure the saw chain is not contacting anything.** A moment of inattention while operating chain saws may cause entanglement of your clothing or body with the saw chain.
2. **Always hold the chain saw 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 chain saw by insulated gripping surfaces only, because the saw chain may contact hidden wiring.** Saw chains contacting a "live" wire may make exposed metal parts of the chain saw "live" and could give the operator an electric shock.

4. **Wear eye protection. Further protective equipment for hearing, head, hands, legs and feet is recommended.** Adequate protective equipment will reduce personal injury from flying debris or accidental contact with the saw chain.
5. **Do not operate a chain saw on a ladder, from a rooftop, or any unstable support.** Operation of a chain saw in this manner could result in serious personal injury.
6. **Always keep proper footing and operate the chain saw only when standing on fixed, secure and level surface.** Slippery or unstable surfaces may cause a loss of balance or control of the chain saw.
7. **When cutting a limb that is under tension, be alert for spring back.** When the tension in the wood fibres is released the spring loaded limb may strike the operator and/or throw the chain saw 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 chain saw by the front handle with the chain saw switched off and away from your body. When transporting or storing the chain saw always fit the guide bar cover.** Proper handling of the chainsaw will reduce the likelihood of accidental contact with the moving saw chain.
10. **Follow instructions for lubricating, chain tensioning and changing the guide bar and chain.** Improperly tensioned or lubricated chain may either break or increase the chance for kickback.
11. **Cut wood only. Do not use chain saw for purposes not intended. For example: do not use chain saw for cutting metal, plastic, masonry or non-wood building materials.** Use of the chain saw for operations different than intended could result in a hazardous situation.
12. **This chainsaw is not intended for tree felling.** Use of the chainsaw for operations different than intended could result in serious injury to the operator or bystanders.
13. **Follow all instructions when clearing jammed material, storing or servicing the chainsaw. Make sure the switch is off and the battery pack is removed.** Unexpected actuation of the chainsaw while clearing jammed material or servicing may result in serious personal injury.

#### 2.4.2. CAUSES AND OPERATOR PREVENTION OF KICKBACK

Kickback may occur when 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.

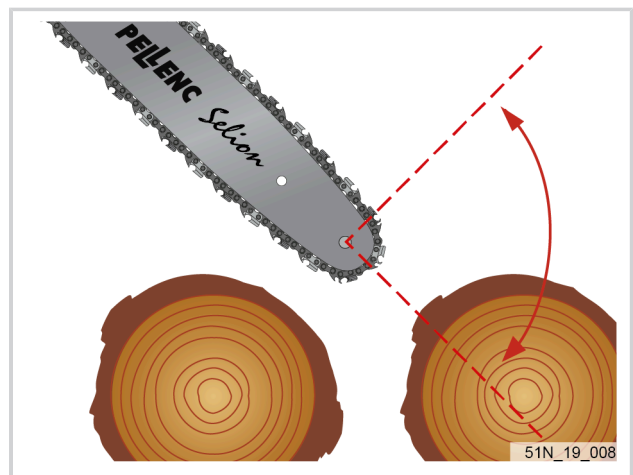
Tip contact in some cases may cause a sudden reverse reaction, kicking the guide bar up and back towards the operator.

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 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, you should take several steps to keep your cutting jobs free from accident or injury.

Kickback is the result of tool misuse and/or incorrect operating procedures or conditions and can be avoided by taking proper precautions as given below:

1. **Maintain a firm grip, with thumbs and fingers encircling the handles of the chainsaw, with both hands on the saw and position your body and arm 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 chain saw in unexpected situations.
3. **Only use replacement bars and chains specified by the manufacturer.** Incorrect replacement bars 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. SAFETY MEASURES RELATED TO THE USE OF THE BATTERY AND THE CHARGER "PELLENC"

### Note

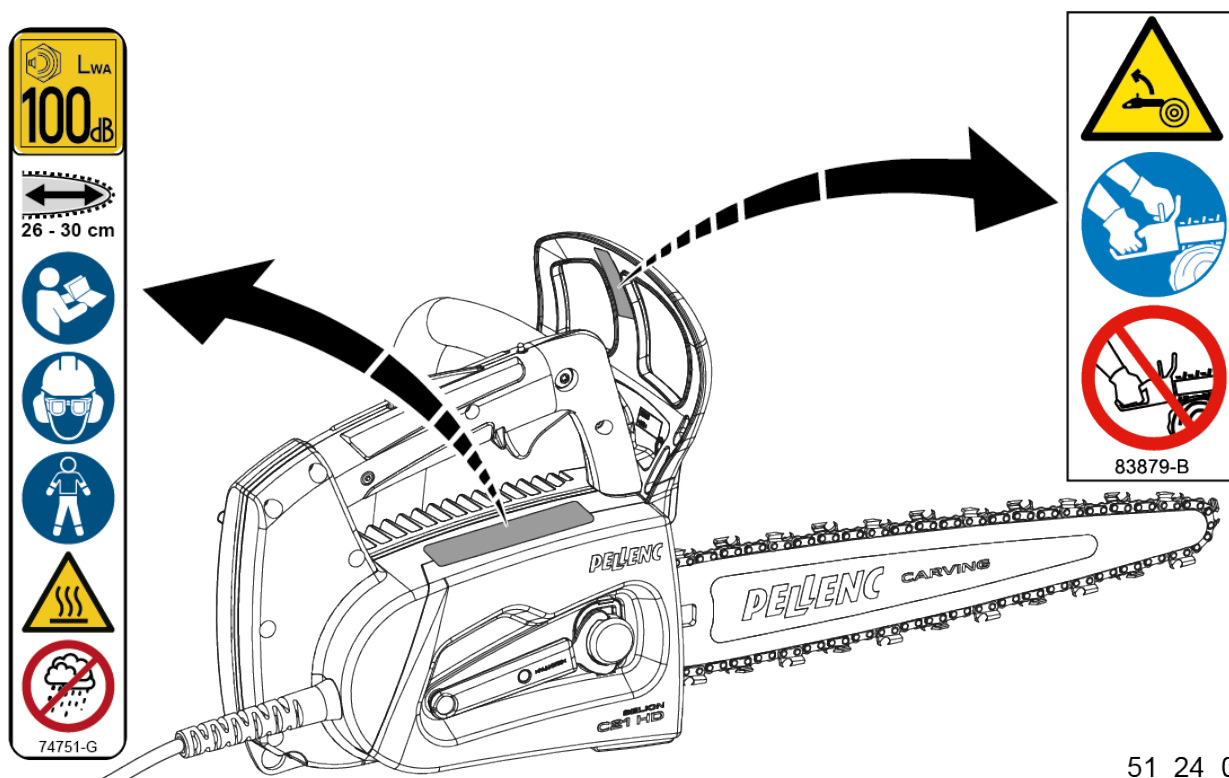
Please refer to the battery operating instructions manual.



### Warning

Read all safety warnings and all instructions. Retain all the safety measures and instructions for later reading.

## 2.6. SAFETY SIGNS



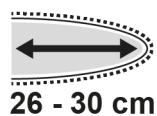
51\_24\_006



LwA sound power level guaranteed.



Risk of burns.



Compatible chain guide bar lengths.



Do not expose to rain.



Please read the operating instructions.



Risk of kickback.



Safety goggles, hearing protection and a helmet are compulsory.



Saw must be held with both hands. Always keep your left hand on the front handle.



Wearing of gloves, safety trousers and safety shoes is compulsory.



Saw must not be held in one hand only.

## 2.7. PERSONAL PROTECTIVE EQUIPMENT

	Equipment	Wearing of
1	Safety helmet	Mandatory
2	Protective visor	Recommended
3	Hard-wearing gloves	Mandatory
4	Safety footwear	Mandatory
5	Hearing protection	Mandatory
6	Protective goggles	Mandatory
7	Safety jacket or over-sleeves	Mandatory
8	Work trousers	Mandatory

### Note

Chain speed: 14.5 m/s. Wear safety clothes suited to this chain speed. (Class 0 as per standard EN 381)

Make sure your safety clothes are not too big or loose fitting.

## 2.8. SAFETY HABITS

### 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.
- Do not use the Cultivion to dig hard, stony ground or near large roots.
- Never cut when on a ladder.
- Keep all persons away. Never have others hold the branch you are cutting.
- Cut the branches into suitably sized pieces from the outside of the tree towards the trunk.
- Be careful of branches that bounce back when they drop to the ground.
- Put on the bar and chain guard for all transport, handling and storage of the tool, see 4.3. Remove / Fit the chain guide protector, page 19.

- Hold the left arm straight for better control.
- Hold the chainsaw at your side, and not in front of you.
- Use genuine chains and guides PELLENC
- Keep the chain, the guide and the sprocket 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.

## 2.9. WORKING WITH TREE SERVICE HAND-HELD CHAINSAWS USING A ROPE AND HARNESS

### 2.9.1. OVERVIEW

This annex sets out working practices aimed at reducing the risk of injury from tree service chain-saws when working at height from a rope and harness. While it may form the basis of guidance and training literature, it should not be regarded as a substitute for formal training. The guidance given in this annex is only an example of best working practice. National laws and regulations should always be followed.

It presents:

- general requirements that should be met before using a tree service chain-saw for work at height from a rope and harness,
- preparations for using a tree service chainsaw from a rope and harness, and
- use of a tree service chain-saw for pruning and dismantling, including secure work positioning for two-handed use, starting the chain-saw, cutting with the chain-saw, restrictions on one-handed use and freeing a trapped saw.

### 2.9.2. GENERAL REQUIREMENTS

Operators of tree service chain-saws working at height from a rope and harness should never work alone. A ground worker trained in appropriate emergency procedures should assist them.

Operators of tree service chain-saws for this work should be trained in general safe climbing and work positioning techniques and be properly equipped with harnesses, ropes, strops, carabiners and other equipment for maintaining secure and safe working positions for both themselves and the saw.

### 2.9.3. PREPARATIONS BEFORE USING THE CHAINSAW IN THE TREE

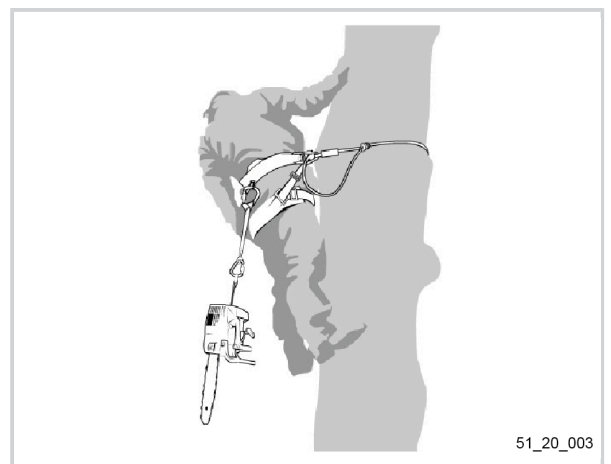
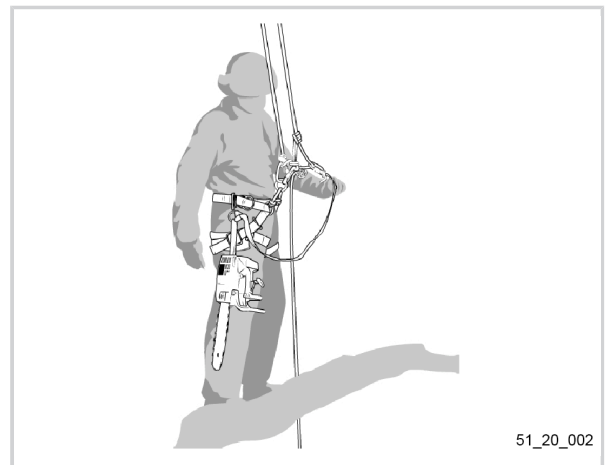
The chainsaw should be fitted with a suitable strop for attachment to the operator's harness.

1. Secure the strop around the attachment point on the rear of the chainsaw;
2. provide suitable shackles to allow indirect (i.e. via the strop) and direct attachment (i.e. at the attachment point on the saw) of the saw to the operator's harness;
3. ensure the saw is securely attached when it is being sent up to the operator;
4. ensure the saw is secured to the harness before it is disconnected from the means of ascent.

The ability to directly attach the saw to the harness reduces the risk of damage to equipment when moving around the tree. Always switch the saw off when it is directly attached to the harness.

The chainsaw should only be attached to the recommended attachment points on the harness. These may be at mid-point (front or rear) or at the sides. Where possible, attach the saw to the centre rear mid-point to keep it clear of climbing lines and to support its weight centrally down the operator's spine.

When moving the saw from any one attachment point to another, operators should ensure it is secured in the new position before releasing it from the previous attachment point.



#### 2.9.4. USE OF THE CHAINSAW IN THE TREE

An analysis of accidents with these saws during tree service operations shows the primary cause as being inappropriate one-handed use of the saw. In the vast majority of accidents, operators fail to adopt a secure work position that allows them to hold both handles of the saw. This results in an increased risk of injury due to

- not having a firm grip on the saw if it kicks back,
- a lack of control of the saw, such that it is more likely to come into contact with climbing lines and the operator's body (particularly the left hand and arm), and
- loss of control owing to an insecure work position and resulting in contact with the saw (unexpected movement during operation of the saw).

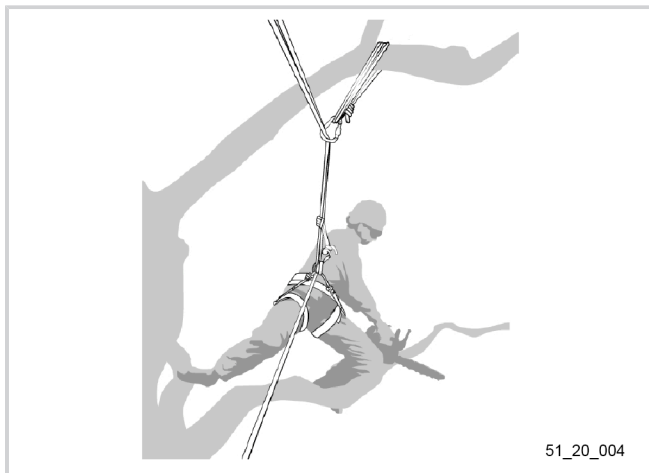
#### 2.9.5. SECURING THE WORK POSITION FOR TWO-HANDED USE

In order to allow the saw to be held with both hands, as a general rule operators should aim for a secure work position in which they operate the saw at

- hip level, when cutting horizontal sections, and
- solar plexus level, when cutting vertical sections.

Where the operator is working close into vertical stems with low lateral forces on the work position, then a good footing could be all that is needed to maintain a secure work position. However, as operators move away from the trunk, they will need to take steps to remove or counteract the increasing lateral forces by, for example, a redirect of the main line via a supplementary anchor point or use of an adjustable stop direct from the harness to a supplementary anchor point.

Gaining a good footing at the working position can be assisted by the use of a temporary foot stirrup created from an endless sling.





### 2.9.6. USE OF THE CHAINSAW ONE-HANDED

Operators should not use chainsaws for one-handed tree pruning when they are in an unstable working position, and should prefer hand saws when cutting small-diameter wood from the end of branches.

Tree service chainsaws should only be used one-handed where:

- operators cannot gain a work position enabling two-handed use, and
- they need to support their working position with one hand, and
- the saw is being used at full stretch, at right angles to and out of line with the operator's body.



51\_20\_006

Operators should never:

- cut with the kickback zone at the tip of the chainsaw guide bar,
- “hold and cut” sections, or
- attempt to catch falling sections.

### 2.9.7. FREEING A TRAPPED SAW

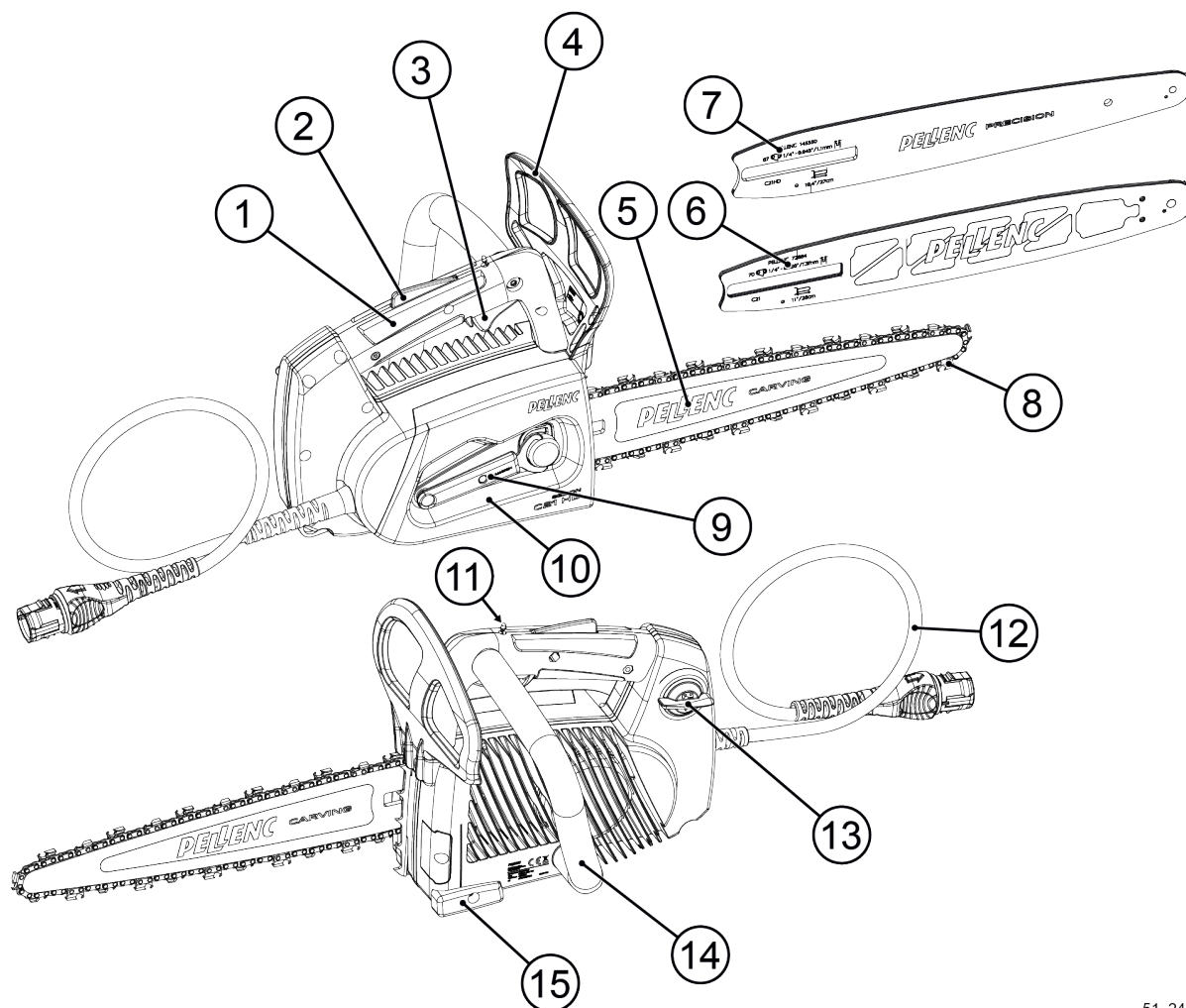
If the saw becomes trapped during cutting, operators should:

- switch off the saw and attach it securely to the tree inward (i.e. towards the trunk side) of the cut or to a separate tool line,
- pull the saw from the kerf whilst lifting the branch as necessary,
- if necessary, use a handsaw or second chainsaw to release the trapped saw by cutting a minimum of 30 cm away from the trapped saw.

Whether a handsaw or a chainsaw is used to free a trapped saw, the release cuts should always be outward (toward the tips of the branch), in order to prevent the saw being taken with the section and further complicating the situation.

### 3. DESCRIPTION AND TECHNICAL FEATURES

#### 3.1. TOOL DESCRIPTION



- |                          |                                       |
|--------------------------|---------------------------------------|
| 1. Rear handle           | 9. Quick chain guide tightening lever |
| 2. Safety trigger        | 10. Chain protective casing           |
| 3. Operating trigger     | 11. Power on light                    |
| 4. Hand protection       | 12. Tool power supply cord            |
| 5. Carving chain guide   | 13. Oil reservoir cap                 |
| 6. Standard chain guide  | 14. Front handle                      |
| 7. Precision chain guide | 15. Left support                      |
| 8. Chainsaw chain        |                                       |

51\_24\_002



## 3.2. TECHNICAL FEATURES




### 3.2.1. GENERAL CHARACTERISTICS

	Selion C21 HD
Battery life	Depending on the use and type of battery
Nominal voltage	43.2 V
Chain oil reservoir capacity	25 cl
Useful cutting length / chain guide	See the table 3.2.2. Chains and chain guides compatibility, page 17
Chain Type / Pitch / Gage	
Battery compatibility	ALPHA 260 / ALPHA 520 / ULIB 250 / ULIB 750
Sprocket wheel	11-tooth 1/4"
Chain speed	14.5 m/s
Weight of tool alone without guide or chain	2.55 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 standard)	28 cm (11")	6.35 mm (1/4")	1.3 mm (0.05")	72884	81794
Carving chain guide (available as an option)	28 cm (11")	6.35 mm (1/4")	1.3 mm (0.05")	80344	81794
Precision chain guide (available as an option)	27 cm (10.4")	6.35 mm (1/4")	1.1 mm (0.04")	145550	14589

### 3.2.3. COMPATIBILITY BETWEEN BATTERY AND TOOL

Battery	Adaptors	
ULIB 250		
ULIB 750		Ref. 57238
ALPHA 260		Ref. 57248
ALPHA 520		

### 3.2.4. NOISE LEVELS

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

Noise value measured by EN 60745-1 and EN ISO 60745-2-13	
Sound pressure level at the working position (Measurement uncertainty $K_{pA} = 3.0 \text{ dB(A)}$ )	$L_{pA} = 85 \text{ dB(A)}$

Guaranteed sound power according to Directive 2000/14/EC	
$L_{wAd} = 100 \text{ dB(A)}$	

### 3.2.5. VIBRATION LEVELS

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

Vibration level according to 60745-1 of EN 60745-2-13	
Vibration emission value (measurement uncertainty $K = 1,5 \text{ m / s}^2$ )	$a_h = 2.54 \text{ m/s}^2$

## 4. START-UP



### 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. CONTENTS OF THE BOX

Make sure the box contains:

- A ChainsawSelion C21 HD delivered with:
  - 1 chain guide,
  - 1 chainsaw chain,
  - 1 chain guard,
  - 1 armband,
  - 1 user guide,
  - 1 warranty card.

### 4.2. USEFUL TIPS FOR COMMISSIONING



### Caution

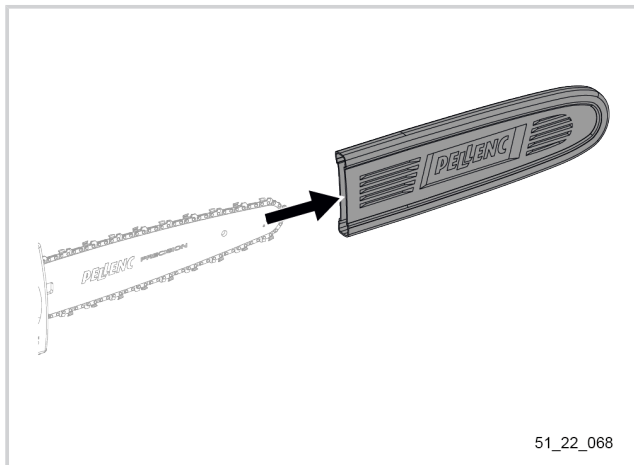
Always disconnect the tool battery before starting tool maintenance.

- Use products recommended by PELLENC.
- Contact an authorised distributor PELLENC in the event of a problem.

### 4.3. REMOVE / FIT THE CHAIN GUIDE PROTECTOR

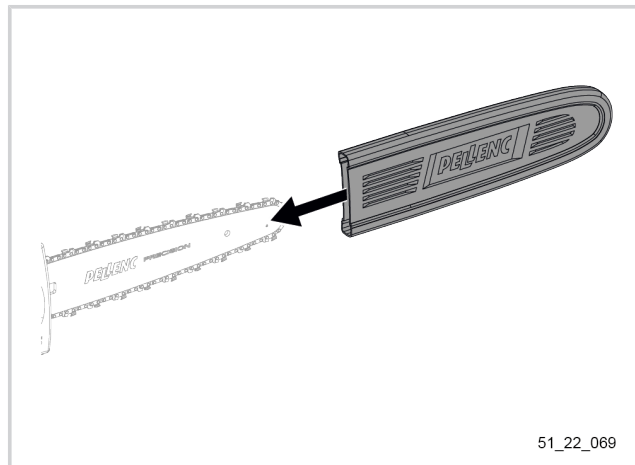
#### Removing

- Remove the chain guide protector by sliding it forward.



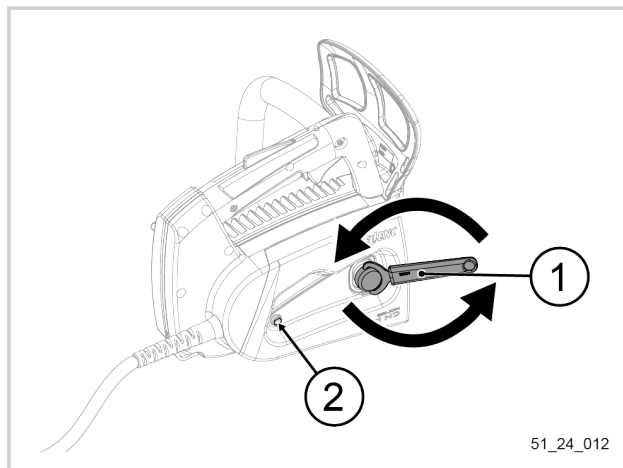
#### Fitting

1. Position the chain guide guard.
2. Slide the chain guard protector backwards.

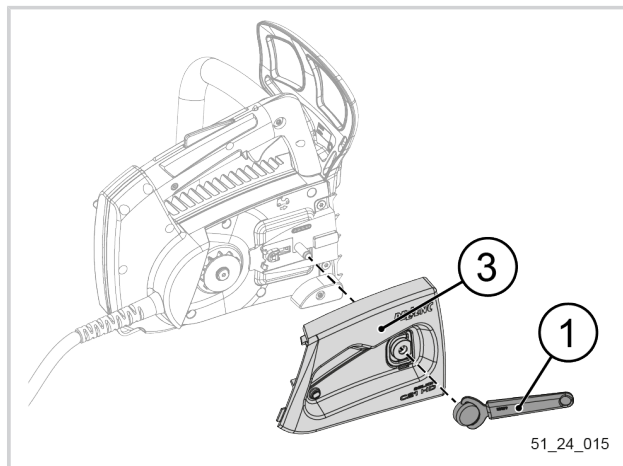


### 4.4. ASSEMBLY OF THE CHAIN AND CHAIN GUIDE (1ST USE)

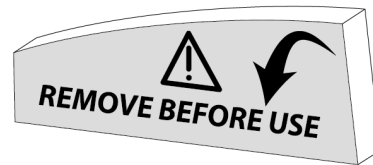
1. Lift the quick chain guide tightening lever (1) from its holding magnet (2).
2. Loosen the quick chain guide tightening lever (1) completely.



3. Remove the quick chain guide tightening lever (1) and the cover (3).

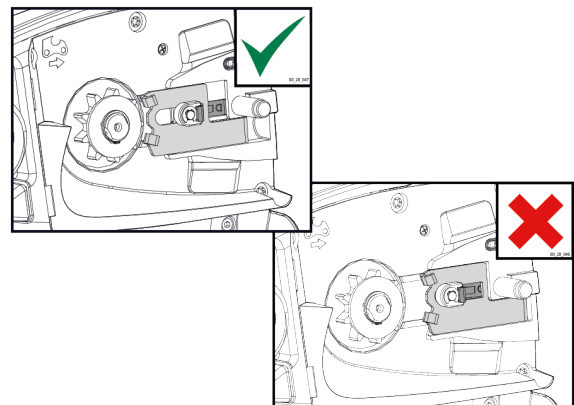


4. Remove the yellow foam plug blocking the oil outlet.



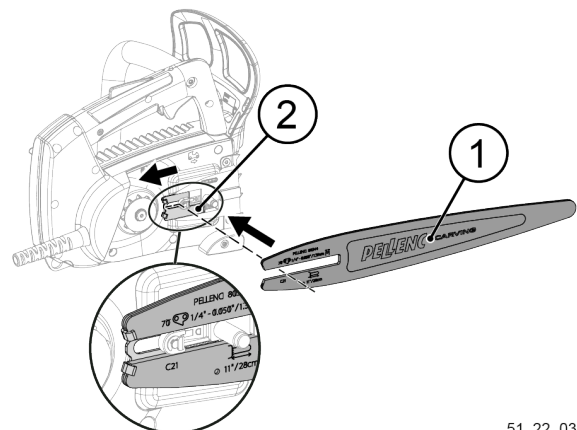
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5. Ensure that the chain tensioner is in the slack chain position.
6. If necessary, push the retaining plate backwards using the chain guide or the quick chain guide tightening lever to loosen the chain tensioning system.



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7. Position the chain guide (1).
8. Slide the chain guide (1) backwards into the hooks on the retaining plate (2).



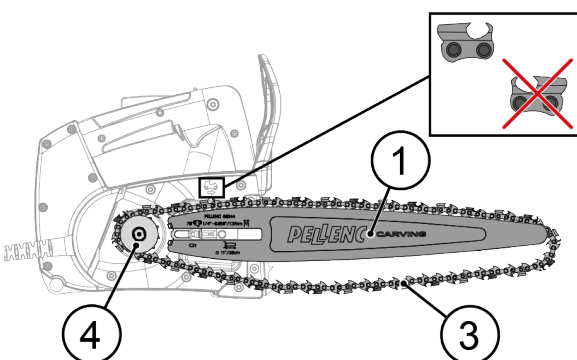
51\_22\_032

9. Position the chain (3) around the sprocket (4) and chain guide (1), observing the cutting direction.

### Tip

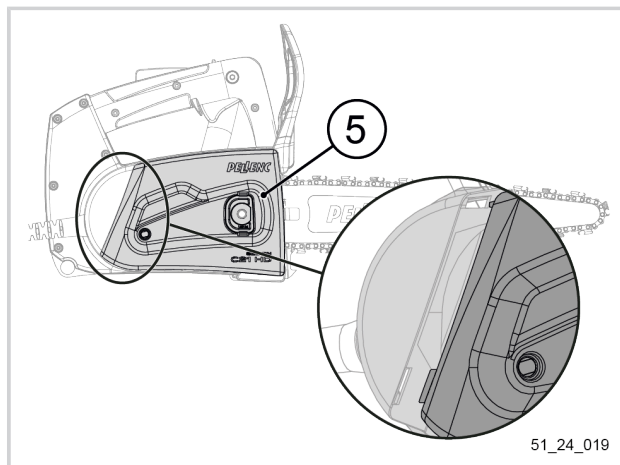
If there is any difficulty in positioning the chain guide (1):

- A. Position the chain (3) around the chain guide (1).
- B. Position and slide the chain guide (1) at the back to insert it into the hooks on the retaining plate (2).
- C. Position the chain (3) around the sprocket (4).



51\_22\_041

10. Position the cover (5) by inserting the aligners into the notches.

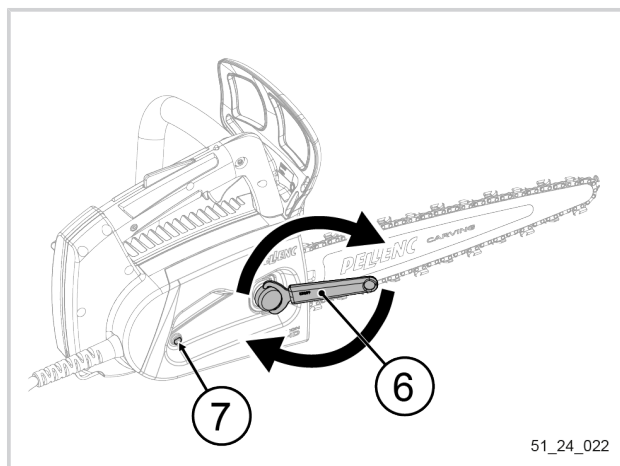


11. Position the quick chain guide tightening lever (6).
12. Tighten the quick chain guide tightening lever (6).

### Note

During this operation, the automatic chain tensioning mechanism must be triggered

13. Position the quick chain guide tightening lever (6) loosely on its retaining magnet (7).



14. Grease the sprocket on the nose of the chain guide, see 6.5.2. Greasing the chain guide nose, page 43.
15. Make sure the chain is correctly tensioned, see 6.2.10. Adjustment and verification of automatic chain tension (automatic tension), page 33.

### Note

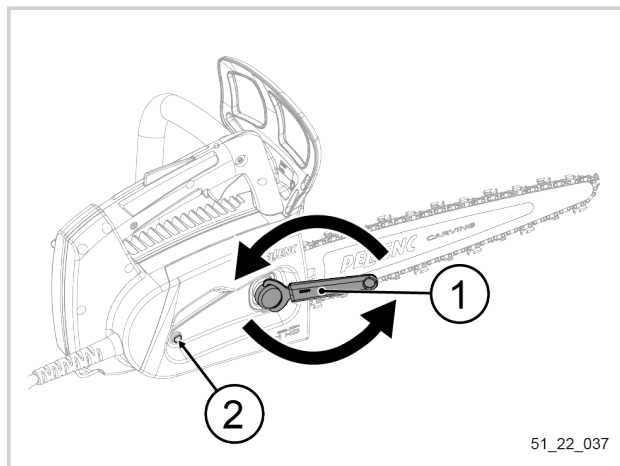
For more details on the procedure, consult: 6.3.1. Replacing the chain and the chain guide, page 37.

## 4.5. AUTOMATIC CHAIN TENSIONING (FIRST USE)

1. Lift the quick chain guide tightening lever (1) from its holding magnet (2).
2. Loosen the quick chain guide tightening lever (1) 3 turns by turning it counterclockwise.
3. Tighten the quick chain guide tightening lever (1) properly by turning it clockwise.

### Note

When tightening the quick chain guide tightening lever (1), the holding plate of the chain tensioning system moves forward and automatically tensions the chain.



4. Position the quick chain guide tightening lever (1) loosely on its holding magnet (2).
5. Make sure the chain is correctly tensioned, see 6.2.10. Adjustment and verification of automatic chain tension (automatic tension), page 33.

## 4.6. CHAIN LUBRICATION (FIRST USE)

### 4.6.1. FILLING THE CHAIN OIL RESERVOIR



#### 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.



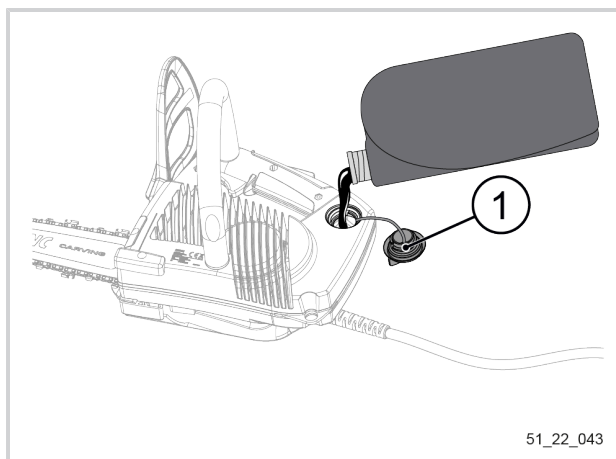
#### Caution

Ⓒ The tool must not be used if the oil tank is empty. Over-heating caused by the non-respect of this instruction:

- will damage the tool and pose a risk of burns and injury to the user.
- cause of premature wear of the guide and the chain which may cause the breakage of the latter.

Before using for the first time, be sure to fill the oil tank with specific oil for the chain guide and chain (Ref.: 116688 or 165784).

1. If necessary, clean the oil filler cap (1) and the filler neck.
2. Loosen and remove the oil tank cap (1).
3. Fill the oil reservoir.
4. Put on the oil tank cap (1).
5. Tighten the oil tank cap (1).
6. Wipe off any oil residue with a cloth.



51\_22\_043

#### Important

Check the oil level regularly while using the tool and top up if necessary.

#### Note

PELENC recommends the use of a biodegradable chain oil conforming to the RAL-UZ-48 standard (ref. 116688, otherwise any oil that complies with the RAL-UZ-48 standard). Consumables sold separately.

#### 4.6.2. FIRST FORCED LUBRICATION CYCLE



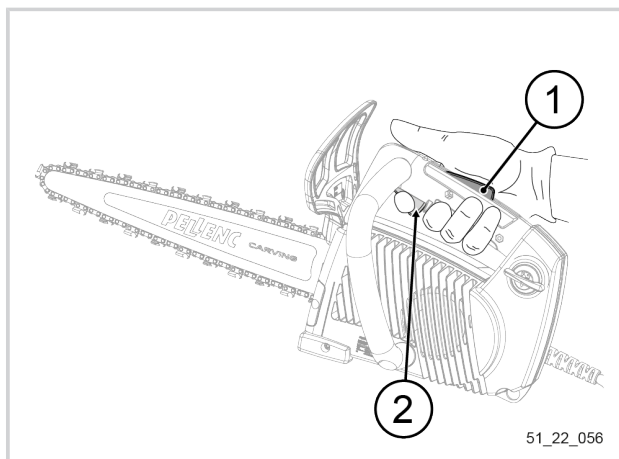
##### Warning

Ⓒ Carry out a forced lubrication at the beginning of each season to check the lubrication function of the chain.

Carry out forced lubrication if necessary as soon as the mechanism lacks lubrication.

The forced lubrication cycle distributes the oil from the reservoir to the different components. It is imperative to perform this cycle before using the tool for the first time.

1. Press and hold the triggers (1) (2) simultaneously.
2. Switch on the battery, see 5.2. Switching the battery on and off, page 26.
3. An automatic cycle starts which sends oil from the reservoir to the chain guide:
  - short beep every 20 seconds during the cycle.
  - 3 beeps to validate the end of the cycle.
4. Release the triggers (1) (2) at the first beep.



##### Note

The lubrication cycle must always be carried out with a full lubricant tank, see 4.6.1. Filling the chain oil reservoir, page 22.

The chain does not turn during the forced lubrication cycle phase.

#### 4.7. RUNNING-IN (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 tool for 1 or 2 minutes without contact.
2. Check the chain tension and tighten it if necessary, see 6.2.10. Adjustment and verification of automatic chain tension (automatic tension), page 33.

#### 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 checked.

## 4.9. CONNECTING A BATTERY PELENC TO THE TOOL

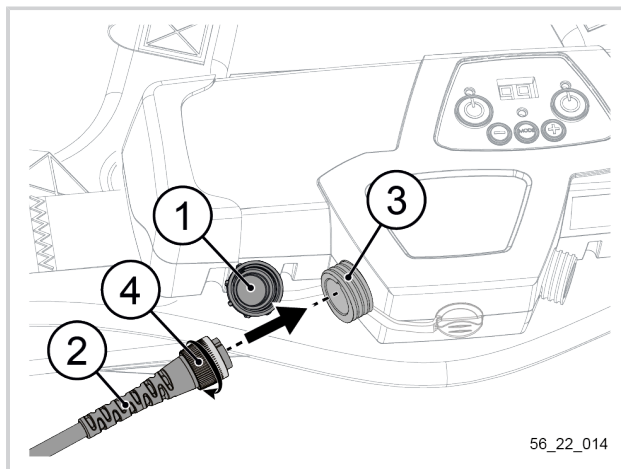
### Important

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

To prolong the life of the connectors, they should be protected when disconnected. Avoid leaving the connectors in contact with abrasive or dirty surfaces, or subjecting them to major impacts (falls).

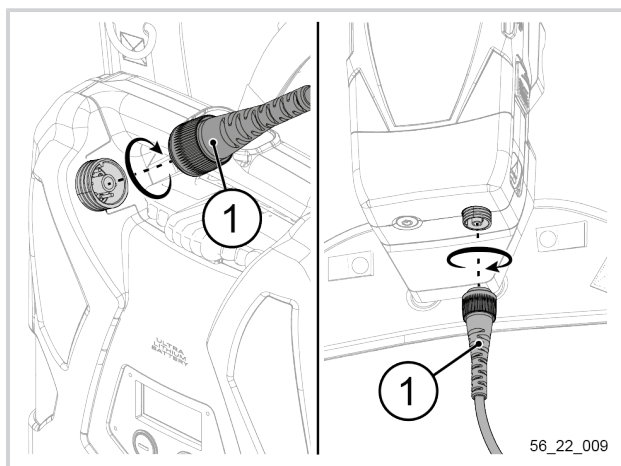
### 4.9.1. ULIB 250 BATTERIES

1. Make sure that the battery is correctly fitted on the harness, see 4.8. Fitting the battery on the harness, page 23.
2. Make sure the battery is switched off, see 5.2. Switching the battery on and off, page 26.
3. Loosen and remove the protective cap from the left connector (1).
4. Align the alignment marker on the tool power cord (2) with the notch in the left battery connector (3).
5. Connect the tool power cord (2) to the left connector (3) of the battery.
6. Tighten the tightening ring (4) on the tool power cord (2).



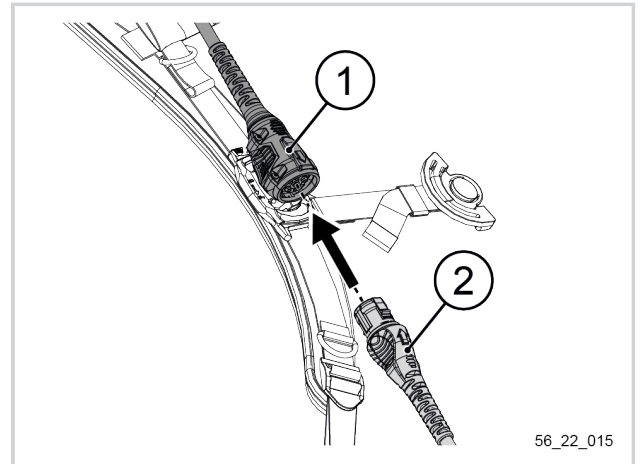
### 4.9.2. ULIB 750 / ALPHA 260 / ALPHA 520 BATTERIES

1. Make sure that the battery is correctly fitted on the harness, see 4.8. Fitting the battery on the harness, page 23.
2. Make sure the battery is switched off, see 5.2. Switching the battery on and off, page 26.
3. Make sure the quick connector power cord (1) is properly connected to the battery.





4. Align the arrows on the tool power cord (2) and the quick connector (1).
5. Connect the tool power cord (2) to the quick connector (1).
6. Make sure that the quick connector (1) and the tool power cord (2) are correctly connected.



#### 4.10. DISCONNECTING A BATTERY PELLENC FROM THE TOOL



##### Warning

Ⓢ Never disconnect the electrical cord from the battery without checking that the battery is switched off, see 5.2. Switching the battery on and off, page 26.

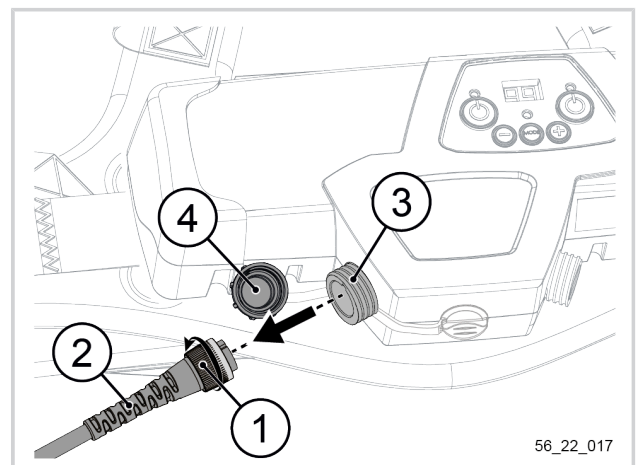
##### Important

To prolong the life of the connectors, they should be protected when disconnected. It is therefore necessary to avoid having them in contact with abrasive or dirty surfaces, or subjecting them to significant impacts (falls).

For more information on batteries PELLENC, refer to the battery operating instructions.

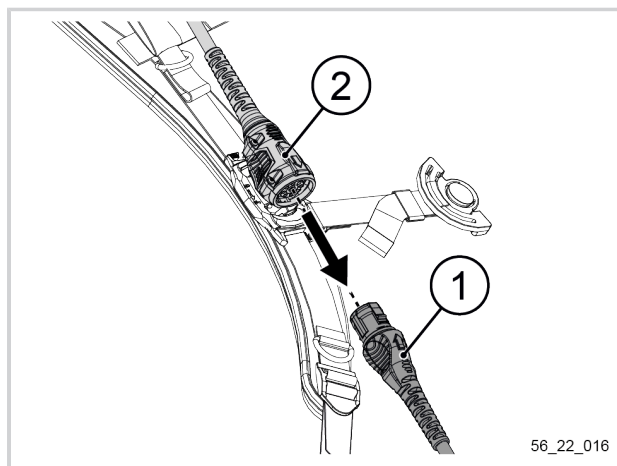
##### 4.10.1. ULIB 250 BATTERY

1. Make sure the battery is switched off, see 5.2. Switching the battery on and off, page 26.
2. Loosen the tightening ring (1) on the tool's power cord.
3. Disconnect the tool power cord (2) from the left connector (3) of the battery.
4. Position and tighten the protective cap (4) on the left connector.



**4.10.2. ULIB 750 / ALPHA 260 / ALPHA 520 BATTERIES**

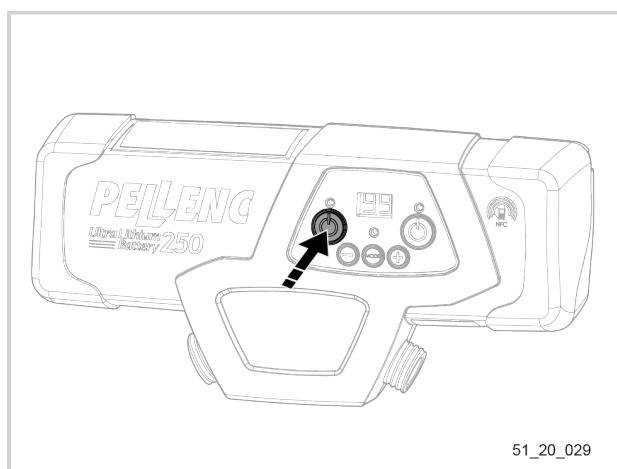
1. Make sure the battery is switched off, see 5.2. Switching the battery on and off, page 26.
2. Disconnect the tool power cord (1) from the quick connector power cord (2).

**5. USE****5.1. ADJUSTING THE HARNESS**

- Put on your harness. Refer to the fitting instructions supplied with your harness to adjust it to your body shape.

**5.2. SWITCHING THE BATTERY ON AND OFF****5.2.1. ULIB 250 BATTERY**

- Press the battery On / Off button.



### 5.2.2. ULIB 750 BATTERY

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



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### 5.2.3. ALPHA 260 / ALPHA 520 BATTERIES

- Press the battery On / Off button.



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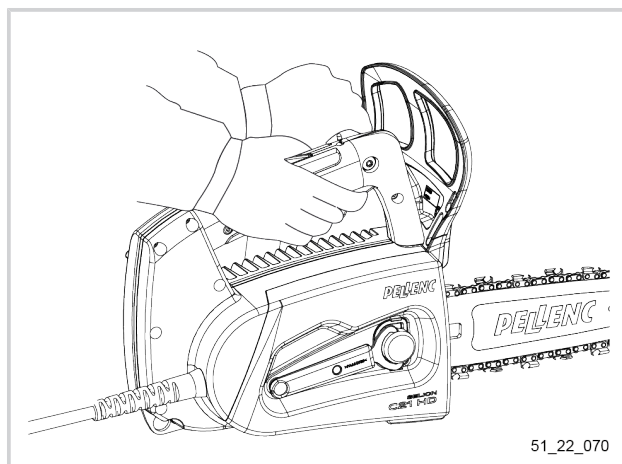
## 5.3. HOW TO HOLD AND USE THE TOOL



### Caution

Always keep your left hand on the front handle.

1. Hold the chainsaw by the handles and ensure nothing is touching the chain.
2. Attach the power supply cord to your arm using the supplied armband.
3. The tool is in its start-up position.



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## 5.4. START-UP



### Caution

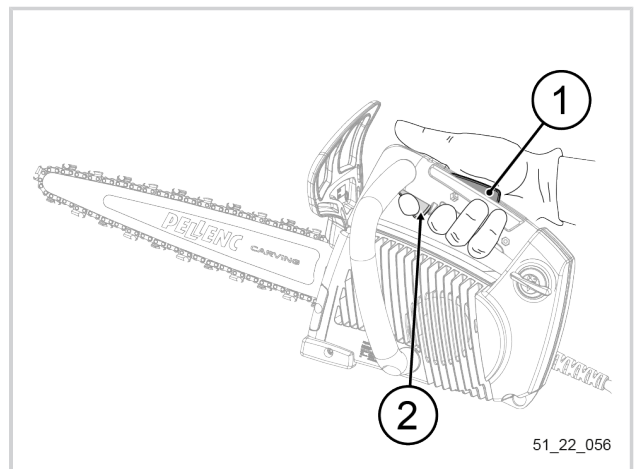
Ⓢ Do not cut anything other than wood.  
 Always start the motor before bringing the chainsaw into contact with the wood.



### Warning

Ⓢ Before using for the first time, the chain guide and chain must be run in, see 4.7. Running-in (First use), page 23.

1. Remove the chain guide guard.
2. Switch on the battery, see 5.2. Switching the battery on and off, page 26.  
 When the power light comes on and beeps, the tool is powered up and ready to use.
3. Hold the safety throttle (1) in while holding the tool by the rear handle with the right hand and the front handle with the left hand.
4. In order to guarantee the safety of the tool when moving, an electronic device blocks the motor control for 3 seconds after the motor has stopped. Press the operating trigger (2) twice consecutively to restart the motor. The tool will rotate with the operating trigger held down to a minimum.
5. Release the operating trigger (2) to stop the tool motor.



### Important

Let the tool work without exaggerated pressure.

## 5.5. CHAIN BRAKE

Your chainsaw is fitted with an impact detection system. In the event of impact (kickback) your chainsaw will stop immediately.



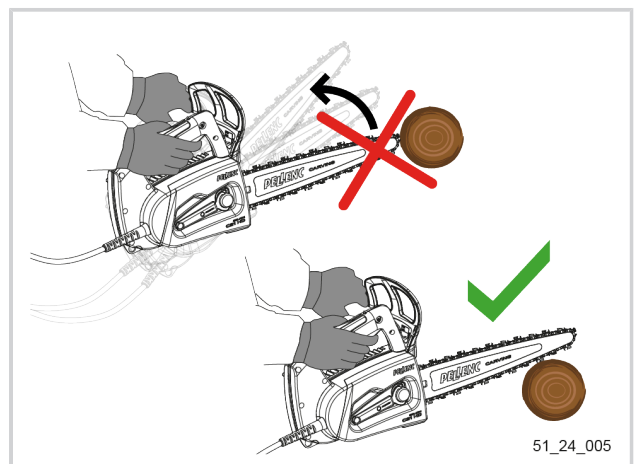
### Caution

Never operate the chainsaw if the safety device is not operating. See 6.2.8. Checking the chain brake, page 33.



### Warning

Make sure the chain is not in contact with the wood before restarting the tool. See 5.4. Start-up, page 28.



## 6. MAINTENANCE



### 6.1. FREQUENCY OF OPERATIONS



#### Caution

- All maintenance operations must be carried out with the battery switched off and the tool power cord disconnected from the battery, unless otherwise specified in the procedure.
- Use products recommended by PELENC.
- Contact an authorised distributor PELENC in the event of a problem.

	Prior to use	During use <sup>2</sup>	After use	Every week
Visual check of the tool, see 6.2.1. Visual inspection of the tool, page 30.	X			
Checking the safety throttle, see 6.2.2. Checking the safety throttle, page 31.	X			
Checking the operating trigger, see 6.2.3. Checking the operating trigger, page 31.	X			
Check the right-hand chain winder foot, see 6.2.4. Checking the right chain roller support, page 31.	X			
Checking the left hand protection, see 6.2.5. Checking the left hand protection, page 32.	X			
Checking the tool power cord, see 6.2.6. Checking the tool power cord, page 32.	X			
Checking the power indicator, see 6.2.7. Checking the power "On" indicator, page 32.	X			
Checking the chain brake, see 6.2.8. Checking the chain brake, page 33.	X			
Checking chain lubrication, see 6.2.9. Checking the greasing of the chain, page 33.	X	X	X	
Adjusting and checking the chain tension, see 6.2.10. Adjustment and verification of automatic chain tension (automatic tension), page 33.	X <sup>1</sup>	X <sup>1</sup>		
Checking the sharpness of the chain, see 6.2.11. Checking the sharpness of the chain, page 34.	X <sup>1</sup>	X <sup>1</sup>		
Checking and adjusting the depth limiters, see 6.2.12. Checking and adjusting the depth limiters, page 36.	X <sup>1</sup>	X <sup>1</sup>		
Replacing the chain and chain guide, see 6.3.1. Replacing the chain and the chain guide, page 37.				X
Visual check and replacement of the sprocket, see 6.3.2. Visual check and replacement of the sprocket, page 40.				X
Emptying the oil tank, see 6.3.3. Changing the oil in the oil tank, page 40.	Prior to off-season storage or if necessary.			
Filling the oil tank, see 6.3.3. Changing the oil in the oil tank, page 40.	X	X		
Cleaning the tool, see 6.4.1. Cleaning the tool, page 41.			X	

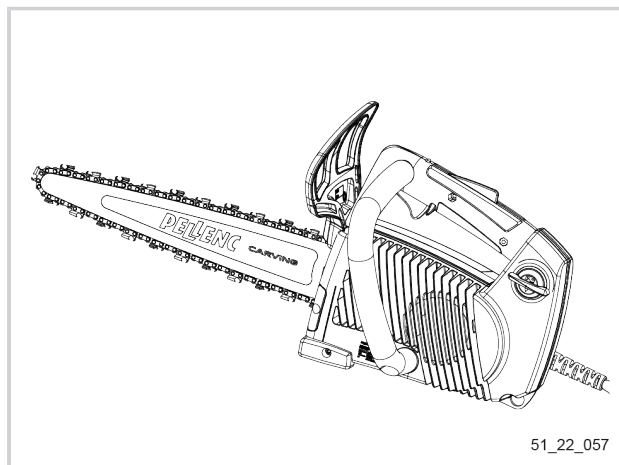
	Prior to use	During use <sup>2</sup>	After use	Every week
Cleaning the chain guide, see 6.4.2. Cleaning the chain guide, page 42.			X	
Cleaning the oil tank, see 6.4.3. Cleaning the oil reservoir tank, page 42.			X	
Forced lubrication of the chain, see 6.5.1. Forced chain lubrication, page 43.	X <sup>1</sup>	X <sup>1</sup>		
Grease the chain guide nose, see 6.5.2. Greasing the chain guide nose, page 43.	X	X	X	
Get an approved distributor to check the tool	<div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <b>Warning</b>   Have the tool serviced at least every 200 hours or once a year. Make sure the chainsaw is always clean and the battery charged before storage.                 </div> </div>			
Battery	Please refer to the battery operating instructions.			

- <sup>1</sup> Basic rule of thumb.
- <sup>2</sup> To be performed regularly when using the tool.

## 6.2. CHECKS

### 6.2.1. VISUAL INSPECTION OF THE TOOL

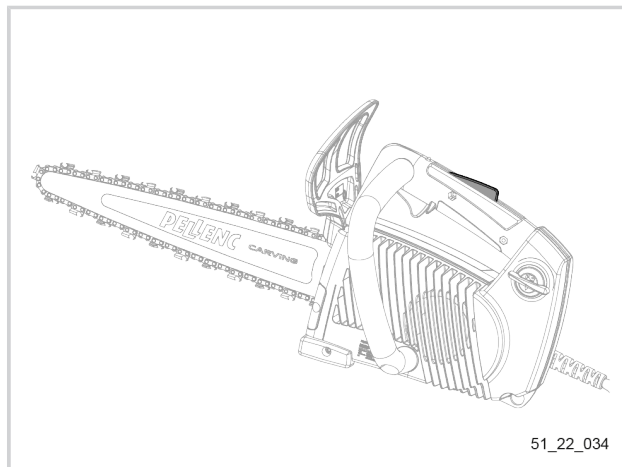
- Visually check the general condition of the tool.



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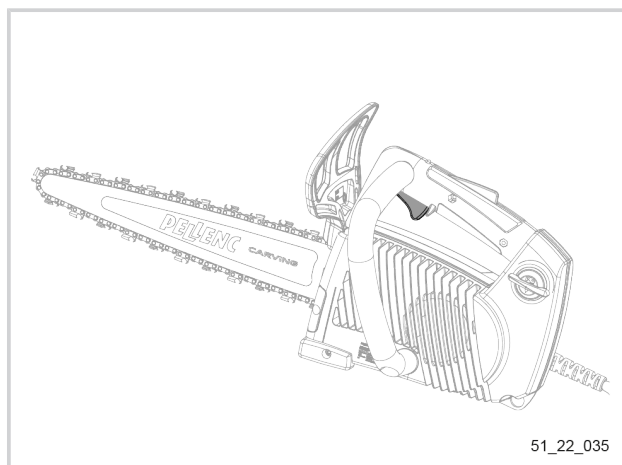
### 6.2.2. CHECKING THE SAFETY THROTTLE

1. Visually check the condition of the safety throttle.
2. Ensure that nothing physical (e.g. tape, collar, etc.) prevents or interferes with the operation of the safety throttle.
3. Ensure that the safety throttle is working properly by depressing it.



### 6.2.3. CHECKING THE OPERATING TRIGGER

1. Visually check the condition of the operating trigger.
2. Ensure that nothing physical (e.g. tape, collar, etc.) prevents or interferes with the operation of the safety throttle.
3. Ensure that the safety throttle is working properly by depressing it.



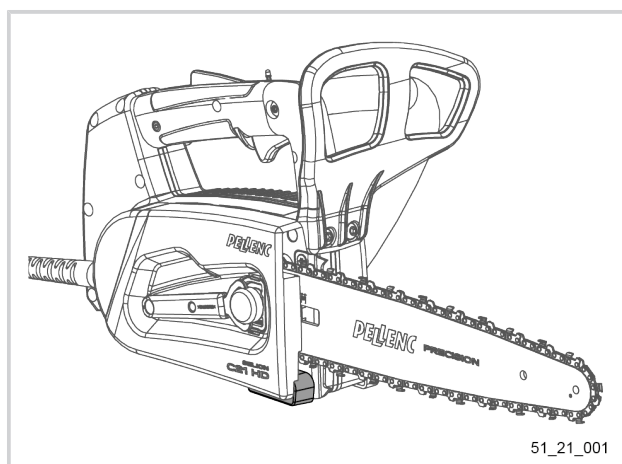
### 6.2.4. CHECKING THE RIGHT CHAIN ROLLER SUPPORT

- Check the general condition of the right chain roller support.



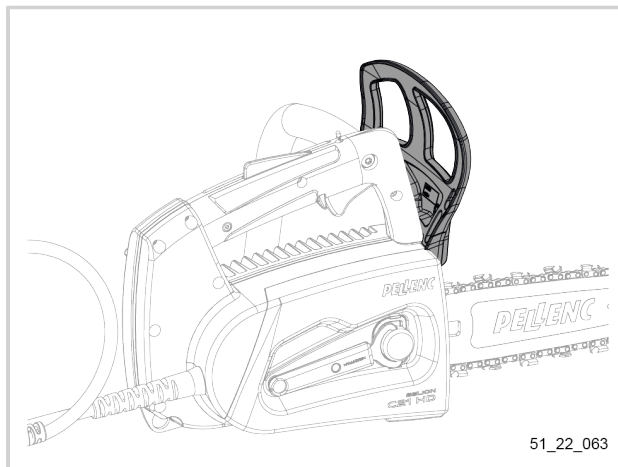
#### Caution

The presence and the condition of the chain roller right support is important. This safety element allows the chain to wrap around itself if it breaks.

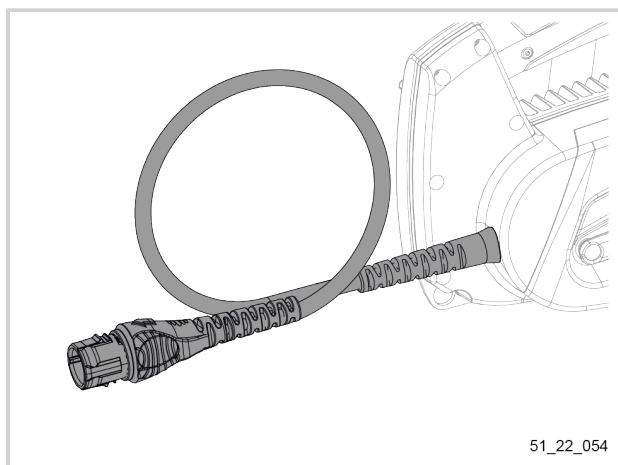


**6.2.5. CHECKING THE LEFT HAND PROTECTION**

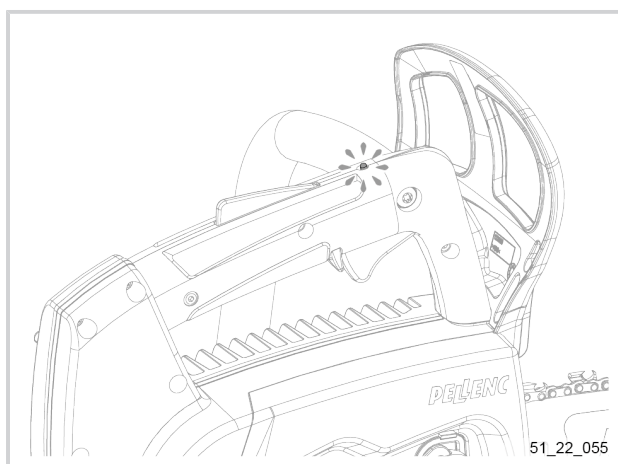
1. Visually check the condition of the left hand protective guard.
2. Ensure that the left hand guard is securely attached by pulling it upwards.

**6.2.6. CHECKING THE TOOL POWER CORD**

1. Check the condition of the power cord on the tool side and the battery side.
2. Ensure that the cord is not damaged or cut.

**6.2.7. CHECKING THE POWER “ON” INDICATOR**

1. Check the operation and condition of the tool power “On” indicator.
2. Make sure that the power “on” indicator is working properly by turning on the battery connected to the tool.





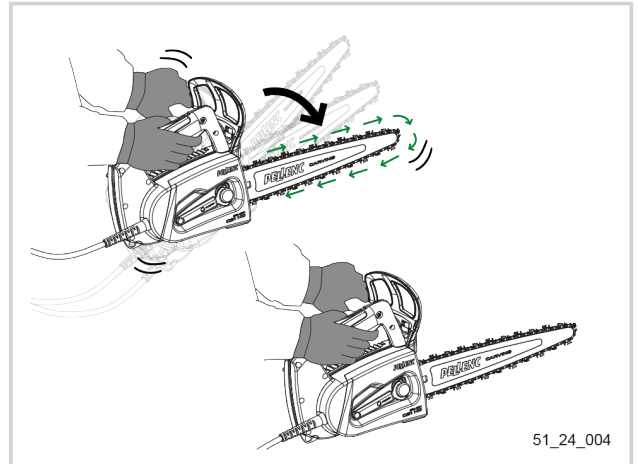
### 6.2.8. CHECKING THE CHAIN BRAKE



#### Caution

Never operate the chainsaw if the safety device is not operating.

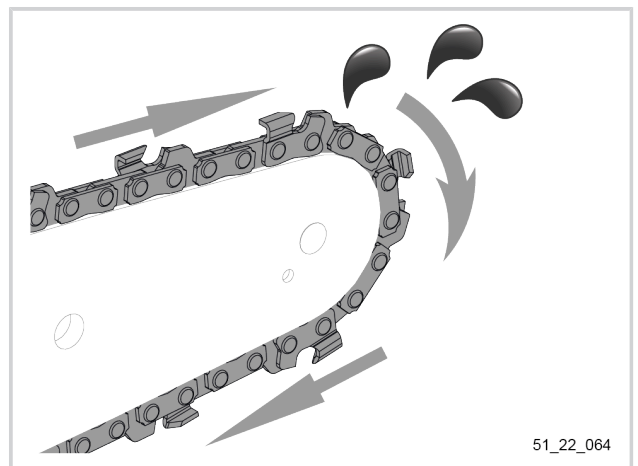
1. Run the tool at no contact.
2. Perform rapid movements up and down to trigger the anti-kickback safety mechanism.



51\_24\_004

### 6.2.9. CHECKING THE GREASING OF THE CHAIN

1. Run the tool without contact for the duration of the check.
2. Visually check the chain for oil droplets.
3. Grease the chain if there are no oil spillage, see 6.5.1. Forced chain lubrication, page 43.



51\_22\_064

### 6.2.10. ADJUSTMENT AND VERIFICATION OF AUTOMATIC CHAIN TENSION (AUTOMATIC TENSION)

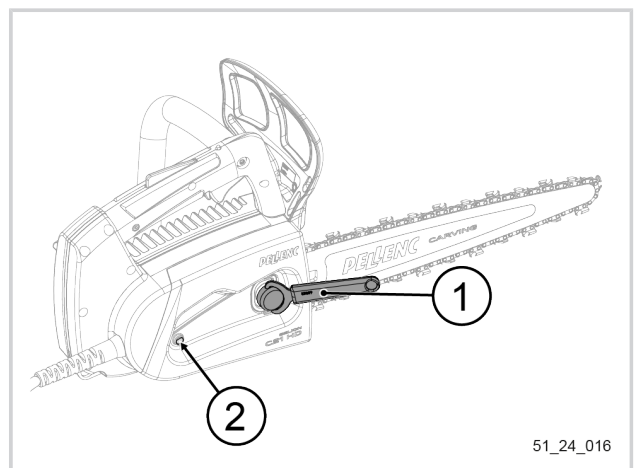
#### Adjusting the chain tension

1. Lift the quick chain guide tightening lever (1) from its holding magnet (2).
2. Loosen the quick chain guide tightening lever (1) 3 turns by turning it counterclockwise.
3. Tighten the quick chain guide tightening lever (1) properly by turning it clockwise.

#### Note

When tightening the quick chain guide tightening lever (1), the holding plate of the chain tensioning system moves forward and automatically tensions the chain.

4. Position the quick chain guide tightening lever (1) loosely on its holding magnet (2).



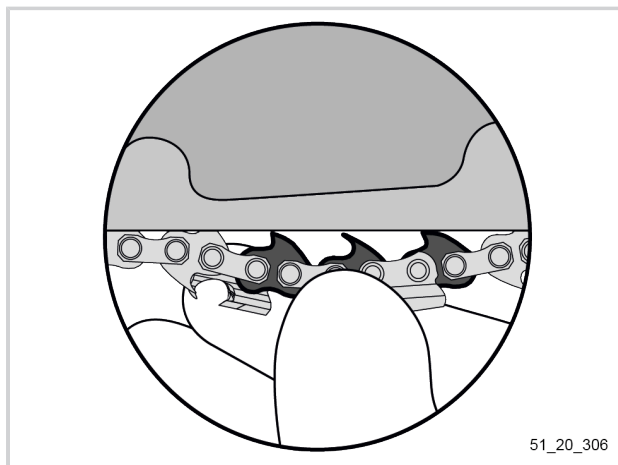
51\_24\_016

## Checking the tension of the chain

### Important

The chain tension is checked by pulling the chain in the middle of the guide:

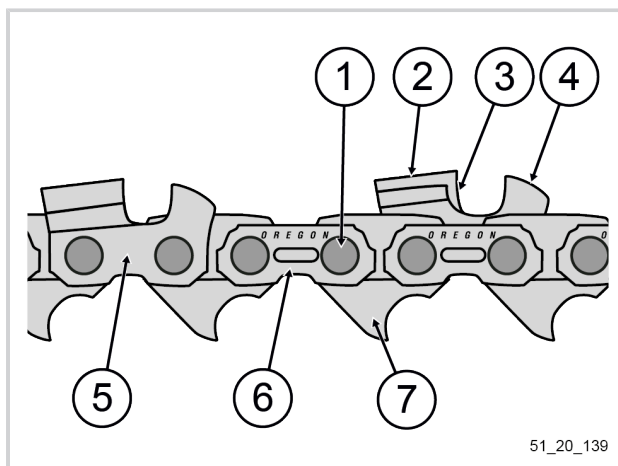
- 2 links maximum must be flush with the guide.
- 1 link must be completely detached from the chain guide.



51\_20\_306

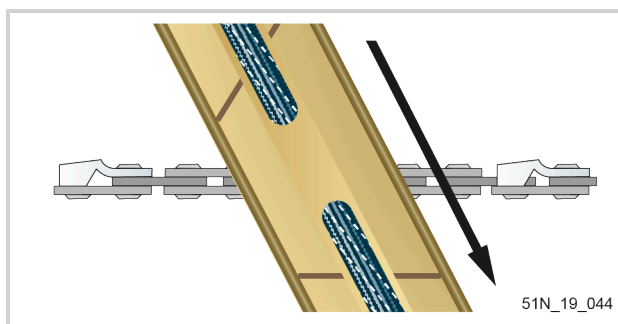
## 6.2.11. CHECKING THE SHARPNESS OF THE CHAIN

1. Rivet
2. Gouge or tooth edge
3. Depth gauge
4. Depth limiter
5. Gouge
6. Attachment link
7. Trainer link



51\_20\_139

1. Turn off the battery and disconnect the power cord from the tool.
2. Place, as shown in the diagram, a file holder on the top plate and the depth limiter of the gouge.



51N\_19\_044



### Caution

Do not file off the top of drive links (7) or connecting links (6) equipped with anti-kickback.

3. Sharpen the gouges on one side of the chain by pushing the file from the inside to the outside of the gouge.

Only file by pushing.

### Important

#### For Precision chains:

Round files (ref. 68521 and ref. 68611) are incompatible.

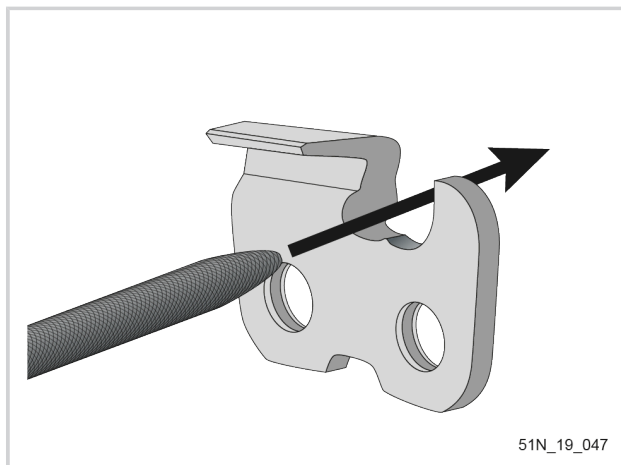
Use a round file with a diameter of 3.2 mm, not sold by PELENC.

4. Keep the mark on the file holder parallel to the mark on the platen.
5. Sharpen the gouges on the second side of the chain by pushing the file from the inside to the outside of the gouge.

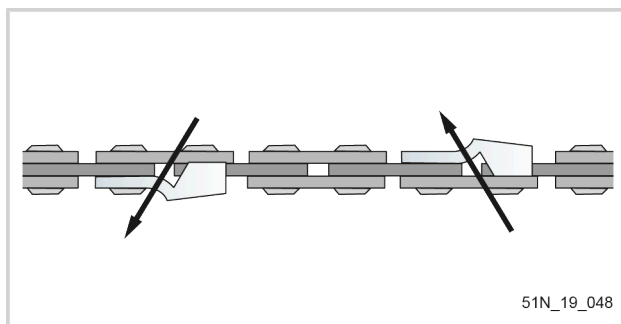
Only file by pushing.

6. If the top plate or side plate is damaged, file it down until it is no longer there.

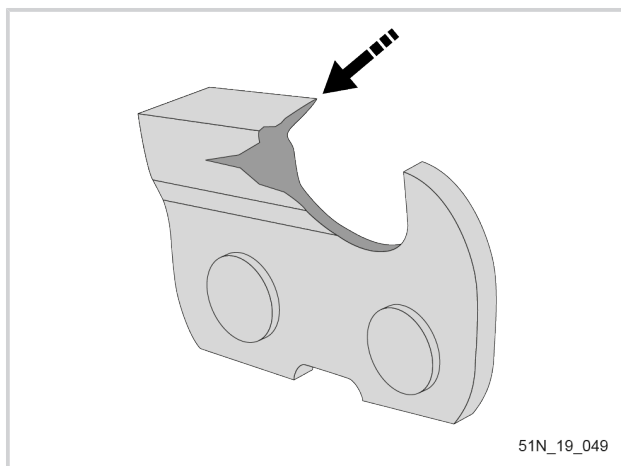
7. Ensure that all gouge edges are of equal length.



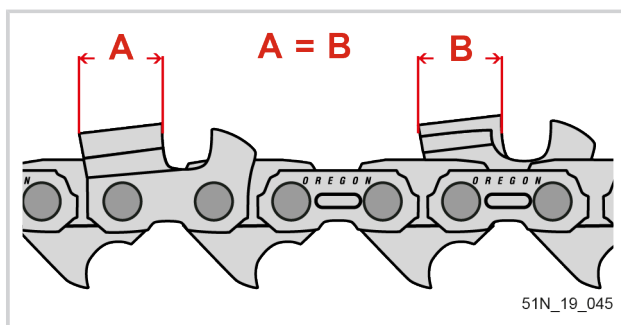
51N\_19\_047



51N\_19\_048



51N\_19\_049



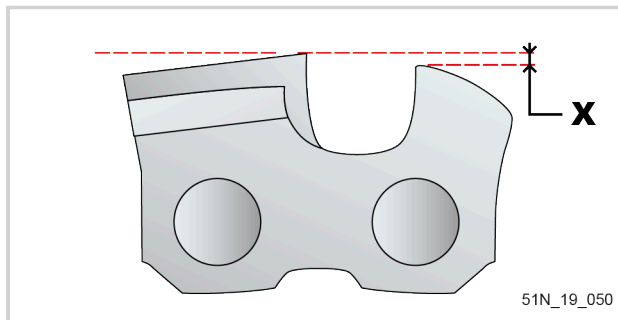
51N\_19\_045

### Important

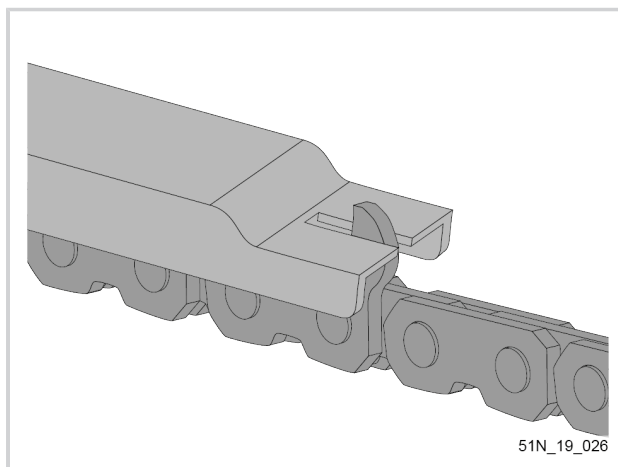
After sharpening the cutters, check the depth limiters again. To do this follow the procedure 6.2.12. Checking and adjusting the depth limiters, page 36.

## 6.2.12. CHECKING AND ADJUSTING THE DEPTH LIMITERS

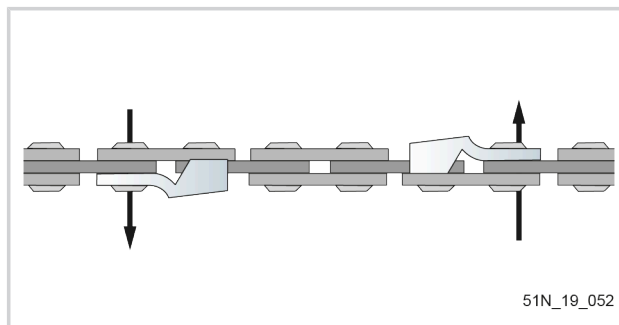
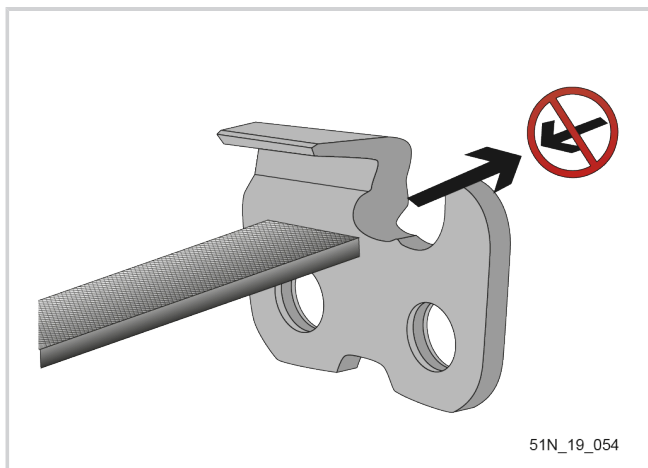
1. Check the depth limiters every 2 or 3 sharpening operations.



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



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



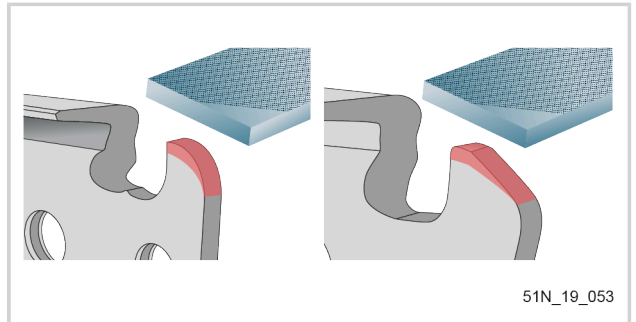
### Caution

Do not file or damage the top of the drive links (7) or the connecting links (6) with anti-kickback.

5. After lowering the depth limiters, round the front angle to maintain the original shape of the depth limiter.

### Note

On chains with anti-kickback drive links, it may be necessary to remove the chain from the guide in order to file the depth limiters correctly.



## 6.3. REPLACEMENT

### 6.3.1. REPLACING THE CHAIN AND THE CHAIN GUIDE



### Caution

Ⓒ Never use a chain or guide other than those specified by PELENC, as this may result in personal injury.

Always wear leather gloves when handling the chain.



### Warning

Ⓒ The running in of the guide and chain must be carried out each time one or the other is changed, see 4.7. Running-in (First use), page 23.

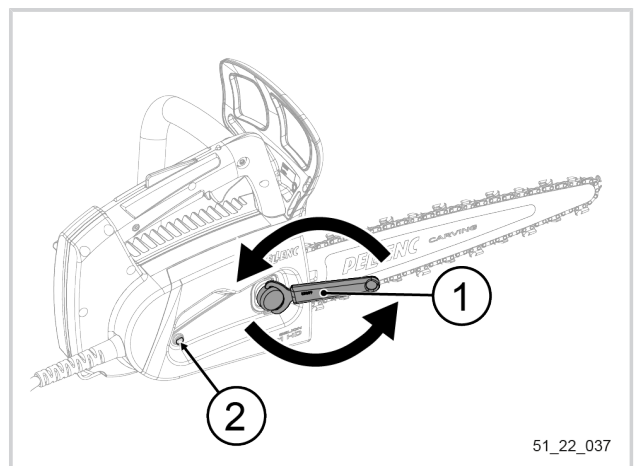
### Note

The chain guide should be changed as soon as necessary or every 3 or 4 chains.

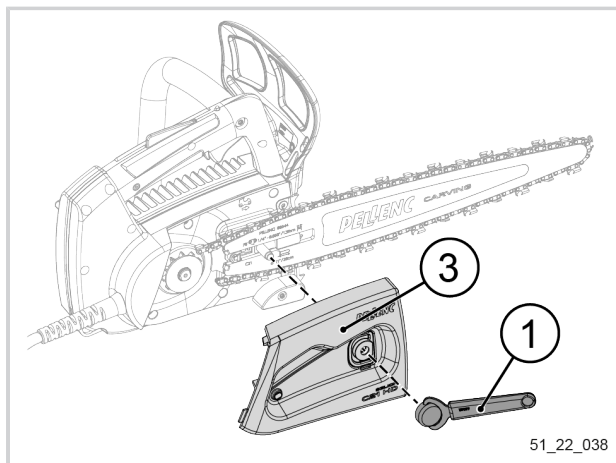
Turn the chain guide round every week.

### Remove the chain and the chain guide

1. Lift the quick chain guide tightening lever (1) from its holding magnet (2).
2. Loosen the quick chain guide tightening lever (1) completely.



3. Remove the quick chain guide tightening lever (1) and the cover (3).

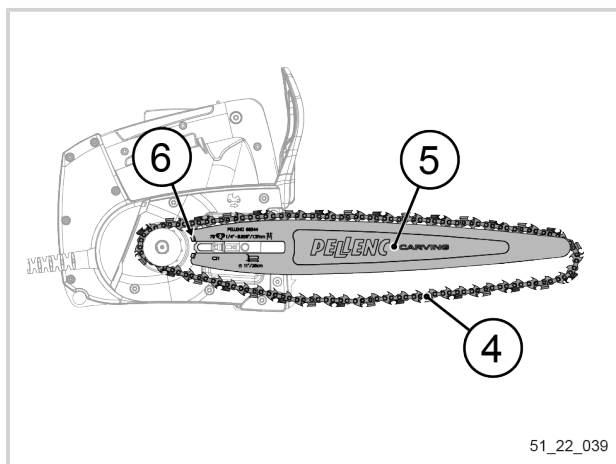


4. Loosen the chain (4).

### Tip

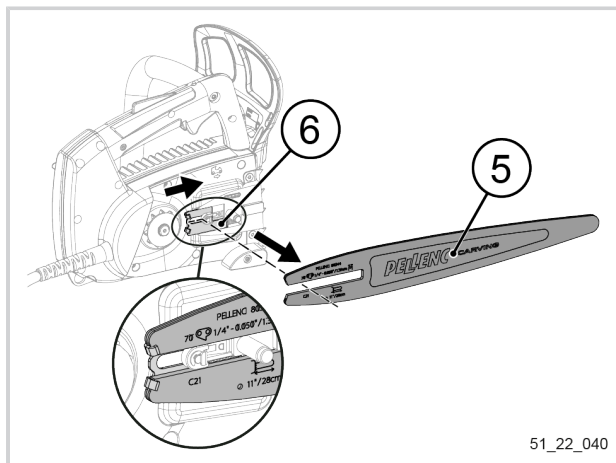
To slacken the chain:

- Pull the chain (4) on both sides of the chain guide (5) until you hear it click.
- **Or** Push the retaining plate (6) with the chain guide (5) until you hear it "click".



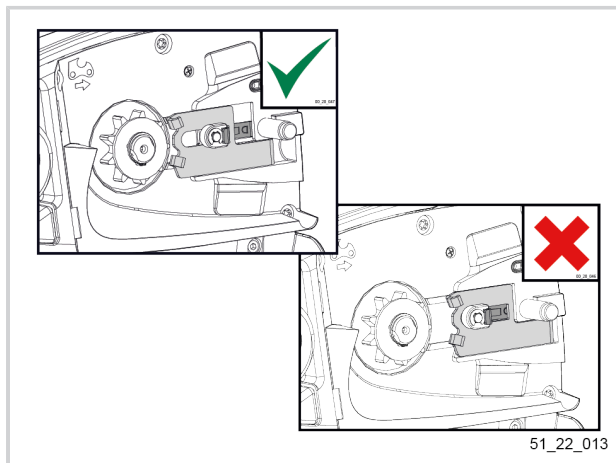
5. Remove the chain (4).

6. Remove the chain guide (5) from the holding plate (6) by sliding it forward.

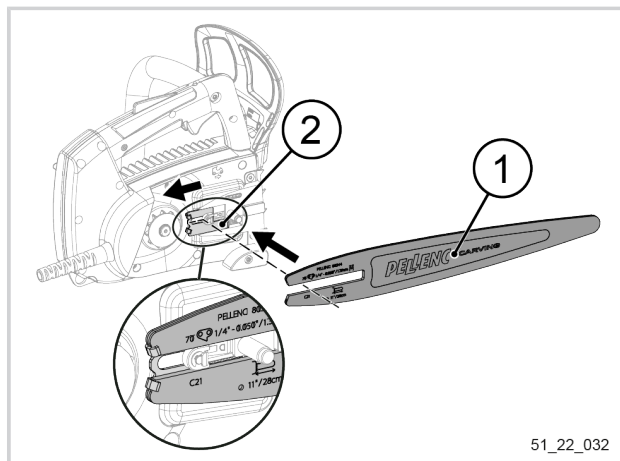


### Pose the chain and chain guide

1. Ensure that the chain tensioner is in the slack chain position.
2. If necessary, push the retaining plate backwards using the chain guide or the quick chain guide tightening lever to loosen the chain tensioning system.



3. Position the chain guide (1).
4. Slide the chain guide (1) backwards into the hooks on the retaining plate (2).



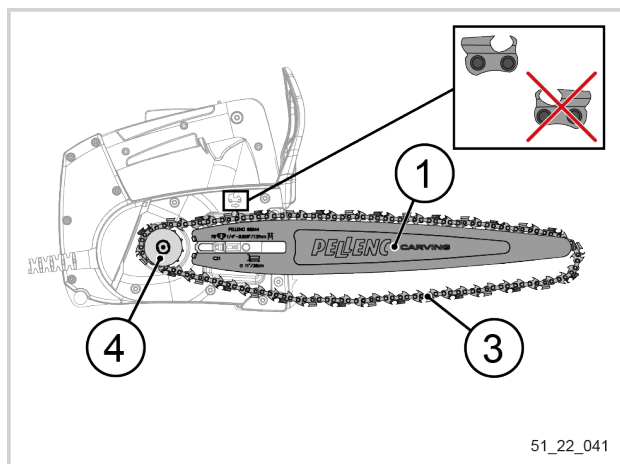
51\_22\_032

5. Position the chain (3) around the sprocket (4) and chain guide (1), observing the cutting direction.

### Tip

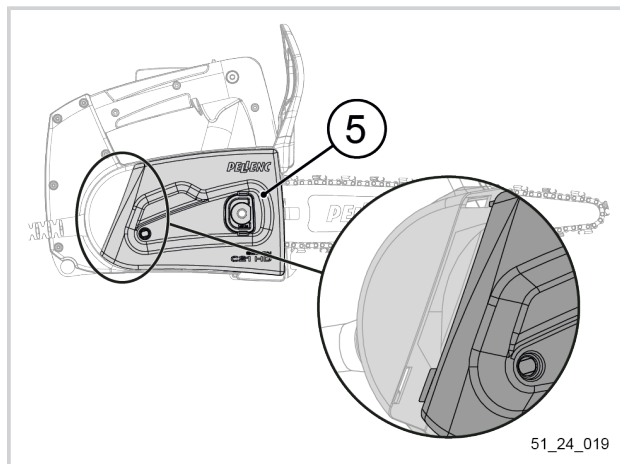
If there is any difficulty in positioning the chain guide (1):

- A. Position the chain (3) around the chain guide (1).
- B. Position and slide the chain guide (1) at the back to insert it into the hooks on the retaining plate (2).
- C. Position the chain (3) around the sprocket (4).



51\_22\_041

6. Position the cover (5) by inserting the aligners into the notches.



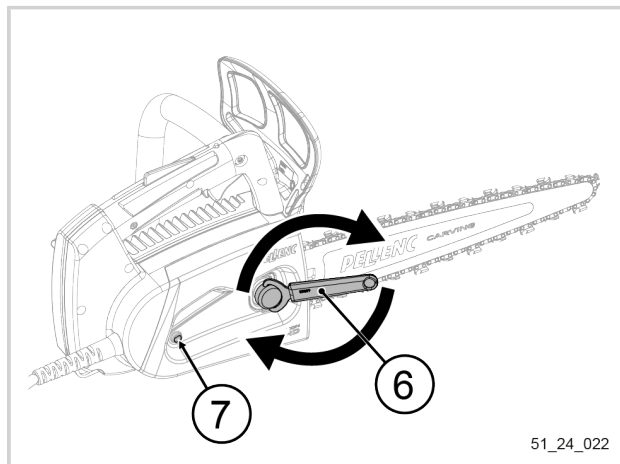
51\_24\_019

7. Position the quick chain guide tightening lever (6).
8. Tighten the quick chain guide tightening lever (6).

### Note

During this operation, the automatic chain tensioning mechanism must be triggered

9. Position the quick chain guide tightening lever (6) loosely on its retaining magnet (7).



51\_24\_022

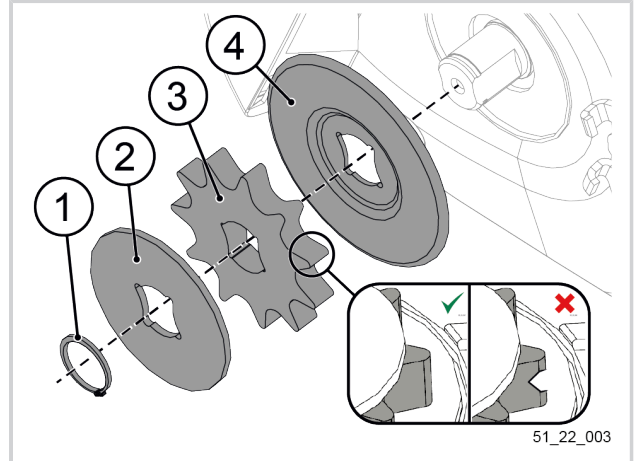


10. Grease the sprocket on the nose of the chain guide, see 6.5.2. Greasing the chain guide nose, page 43.
11. Run-in the chain guide and chain by running the tool without contact for 1-2 minutes.
12. Check the chain tension and tighten it if necessary, see 6.2.10. Adjustment and verification of automatic chain tension (automatic tension), page 33.

### 6.3.2. VISUAL CHECK AND REPLACEMENT OF THE SPROCKET

Replace the sprocket if it is damaged or every two chain changes.

1. Remove the cover, chain and chain guide, see 6.3.1. Replacing the chain and the chain guide, page 37.
2. Remove the circlip (1) using circlip pliers.
3. Remove the washer (2), sprocket (3) and flange washer (4) from the rotor shaft.
4. Check the general condition and the condition of the sprocket teeth (3).
5. Replace the sprocket (3) if it is damaged.
6. Position the flange washer (4), sprocket (3) and washer (2) on the rotor shaft.
7. Position the circlip (1) with a circlip pliers, observing its mounting direction.
8. Pose the chain guide, the chain and the cover, see 6.3.1. Replacing the chain and the chain guide, page 37.



### Important

The circlip (1) must be changed after each disassembly (ref. 01357).

### 6.3.3. CHANGING THE OIL IN THE OIL TANK

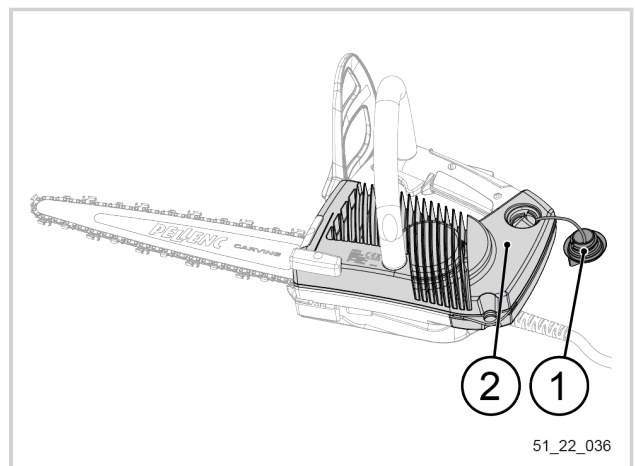
#### Draining the oil tank

1. Clean the oil tank, see 6.4.3. Cleaning the oil reservoir tank, page 42.
2. Loosen and remove the oil filler cap (1).
3. Drain the oil tank (2).

#### Note

Do not dispose of oil on the ground or in drains. Collect the oil drained in a clean, leak-proof container.

4. Put on the oil tank cap (1).
5. Tighten the oil tank cap (1).
6. Wipe off any oil residue with a cloth.



#### Filling the chain oil reservoir



### 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



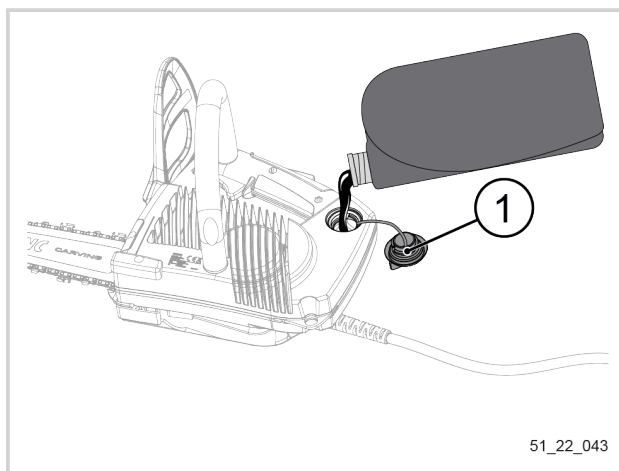
Ⓒ The tool must not be used if the oil tank is empty. Over-heating caused by the non-respect of this instruction:

- will damage the tool and pose a risk of burns and injury to the user.
- cause of premature wear of the guide and the chain which may cause the breakage of the latter.

1. Clean the oil tank, see 6.4.3. Cleaning the oil reservoir tank, page 42.
2. Loosen and remove the oil tank cap (1).
3. Fill the oil reservoir.
4. Put on the oil tank cap (1).
5. Tighten the oil tank cap (1).
6. Clean any oil residues with a damp cloth.

## Important

Check the oil level regularly while using the tool and top up if necessary.



51\_22\_043

## Note

PELENC recommends the use of a biodegradable chain oil conforming to the RAL-UZ-48 standard (ref. 116688, otherwise any oil that complies with the RAL-UZ-48 standard). Consumables sold separately.

## 6.4. CLEANING

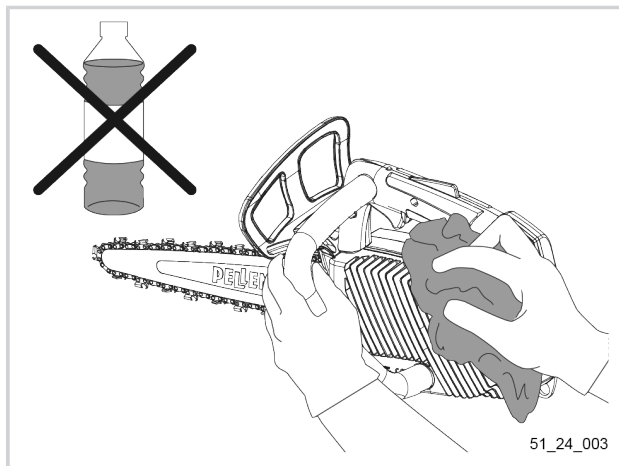
### 6.4.1. CLEANING THE TOOL



## Warning

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

- Clean the tool with a damp cloth and compressed air, paying particular attention to the parts in contact with the wood (chain, chain guide).



51\_24\_003

#### 6.4.2. CLEANING THE CHAIN GUIDE

1. Switch off the battery, see 5.2. Switching the battery on and off, page 26.
2. Disconnect the battery from the tool, see 4.10. Disconnecting a battery PELENC from the tool, page 25.
3. Remove the chain guide and the chain, see 6.3.1. Replacing the chain and the chain guide, page 37.
4. Clean the groove, grease holes and the oblong hole of the chain guide.
5. Refit the chain guide and chain, see 6.3.1. Replacing the chain and the chain guide, page 37.



51\_20\_048

### Important

- Remove the chain guide and clean the saw chain groove and lubrication holes (see diagrams above). Repeat the operation daily.
- 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.

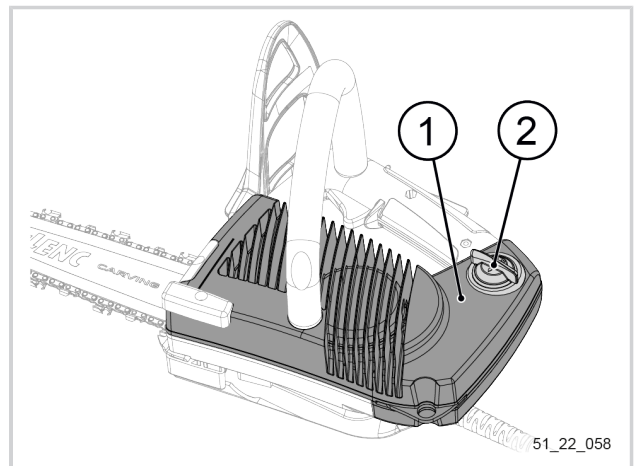
#### 6.4.3. CLEANING THE OIL RESERVOIR TANK



### 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.

1. Clean any dust and excess oil from the oil tank (1) with a damp cloth.
2. Clean the cap (2) and the oil tank filling area with a damp cloth before opening the cap (2).




51\_22\_058

## 6.5. GREASING

### 6.5.1. FORCED CHAIN LUBRICATION

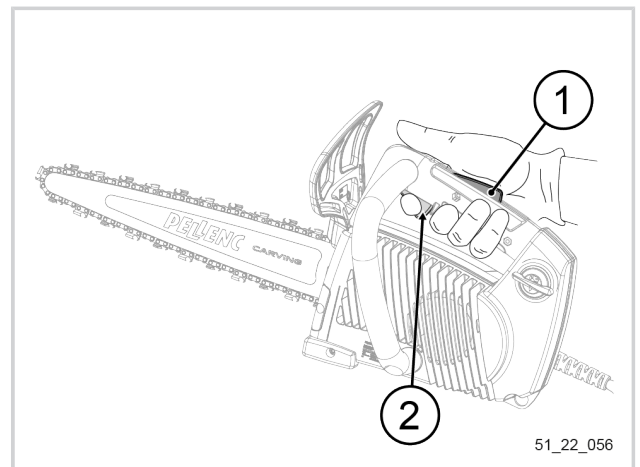


#### Warning

-  Carry out a forced lubrication at the beginning of each season to check the lubrication function of the chain.
- Carry out forced lubrication if necessary as soon as the mechanism lacks lubrication, see 6.2.9. Checking the greasing of the chain, page 33.

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

1. Press and hold the triggers (1) (2) simultaneously.
2. Switch on the battery, see 5.2. Switching the battery on and off, page 26.
3. An automatic cycle starts which sends oil from the reservoir to the chain guide.
  - short beep every 20 seconds during the cycle.
  - 3 beeps to validate the end of the cycle.
4. Release the triggers (1) (2) at the first beep.



#### Note

The lubrication cycle is always carried out with the lubricant tank filled, see 4.6.1. Filling the chain oil reservoir, page 22.

The chain does not turn during the forced lubrication cycle phase.

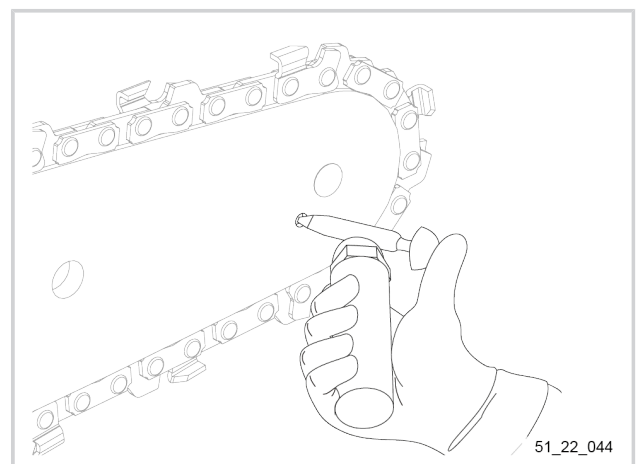
### 6.5.2. GREASING THE CHAIN GUIDE NOSE

#### Only for Standard and Precision chain guides

- Grease the chain guide nose sprocket daily through the grease hole using the grease gun.

#### Note

Consumables sold separately.



## 7. INCIDENTS AND TROUBLESHOOTING

Problem	Actions
Loss of efficiency and/or cutting quality of the tool	<p>First, check the basics:</p> <ul style="list-style-type: none"> <li>• Tension of the chain: 6.2.10. Adjustment and verification of automatic chain tension (automatic tension), page 33</li> <li>• Lubricate the chain with an oil that complies with the RAL-UZ-48 standard: 6.2.9. Checking the greasing of the chain, page 33</li> <li>• Sharpness of the chain: 6.2.11. Checking the sharpness of the chain, page 34</li> <li>• Adjustment of the depth limiters: 6.2.12. Checking and adjusting the depth limiters, page 36</li> </ul> <p>If the problem persists, proceed to:</p> <ul style="list-style-type: none"> <li>• cleaning of the chain guide: 6.4.2. Cleaning the chain guide, page 42</li> <li>• and if using a Standard or Precision guide, grease the chain guide nose: 6.5.2. Greasing the chain guide nose, page 43</li> </ul> <p>Check the condition of the sprocket and replace it if necessary: 6.3.2. Visual check and replacement of the sprocket, page 40.</p> <p>If none of these procedures succeeds in resolving the problem, contact a certified distributor or after-sales service. PELLENC SAS.</p>
The tool no longer starts	<p>Check the following points:</p> <ul style="list-style-type: none"> <li>• Check that the tool is correctly connected to a PELLENC compatible battery, see 4.9. Connecting a battery PELLENC to the tool , page 24.</li> <li>• Check the battery charge level.</li> <li>• Hold down the safety throttle and press the tool's operating trigger twice consecutively.</li> </ul> <p>If none of these procedures succeeds in resolving the problem, contact a certified distributor or your after-sales service PELLENC SAS.</p>

## 8. STORAGE AND TRANSPORT

### 8.1. STORAGE

1. Switch off the battery, see 5.2. Switching the battery on and off, page 26.
2. Disconnect the battery from the tool, see 4.10. Disconnecting a battery PELLENC from the tool, page 25.
3. Store the battery (refer to the battery operating instructions).
4. Clean the tool, see 6.4. Cleaning, page 41.
5. Fit the chain guide guard, see 4.3. Remove / Fit the chain guide protector, page 19.
6. Store the tool in a safe place, out of reach of children and unauthorized persons.

### 8.2. PROLONGED STORAGE

In case of prolonged storage:

1. Always sharpen, clean and grease the tool.
2. Drain the oil tank, see 6.3.3. Changing the oil in the oil tank, page 40.
3. Fit the chain guide guard, see 4.3. Remove / Fit the chain guide protector, page 19.
4. Store the tool in its original packaging away from heat, dust and moisture.

### 8.3. TRANSPORT



#### Warning

Never carry the tool without the chain guide guard. This must be used for all journeys or displacements.

#### Important

Never carry the tool or the battery by the power cord.

1. Switch off the battery, see 5.2. Switching the battery on and off, page 26.
2. Disconnect the battery from the tool, see 4.10. Disconnecting a battery PELENC from the tool, page 25.
3. Fit the chain guide guard, see 4.3. Remove / Fit the chain guide protector, page 19.
4. Make sure that the tool and battery are properly packed and secured in the transport vehicle.

## 9. ACCESSORIES AND CONSUMABLES

### 9.1. INCLUDED ACCESSORIES

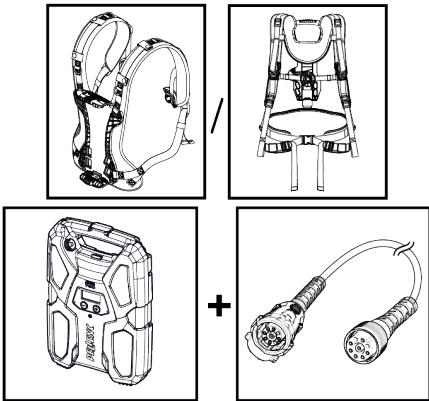
For a list of accessories included with the tool, see 4.1. Contents of the box, page 18.

### 9.2. OPTIONAL ACCESSORIES

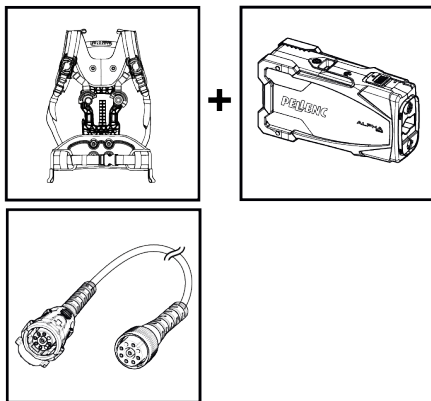
Name	Reference
Retaining clamp	68519
Sharpening kit <b>Round file is incompatible with Precision chain</b>	68520
Round file (box of 12) <b>Incompatible with Precision chain</b>	68521
Round file (pack of 3) <b>Incompatible with Precision chain</b>	68611
Flat file (box of 12)	68522

Name	Reference	
Battery Pack PELENC ULIB 250	57271	
Extension cord	57238	

51\_20\_041

Name	reference	
Comfort harness	57183	
Lightweight harness	57257	
Battery PELENC ULIB 750	57191	
Extension cord	57238	

51\_20\_040

Name	reference	
Alpha harness	57194	
Battery PELENC ALPHA 260	57192	
Battery PELENC ALPHA 520	57193	
Extension cord	57248	

51\_20\_039

### 9.3. CONSUMABLES

Name	Reference
5L can of biodegradable oil	116688
2L can of biodegradable chain oil	165784
Grease pump for chain guide	68518
SELION 11 1/4 tooth chain sprocket wheel kit	85643
Circlips for 12" shaft	01357
Standard guide (11" - 1/4") <i>compatible with chain ref: 81794</i>	72884
Carving guide (11" - 1/4") <i>compatible with chain ref: 81794</i>	80344
Chain (11" - 1/4") <i>compatible with guides ref: 78790 and 80343</i>	81794
Precision guide (10.4" - 1/4") <i>compatible with chain ref: 145589</i>	145550
Chain for Precision guide (10.4" - 1/4") <i>compatible with chain guides ref: 145550</i>	145589

## 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 French Civil Code states 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 paid a lesser price for it, had he/she known of them".

Article 1648 of the French 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 GUARANTEE OF CONFORMITY

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

The seller is also liable for any lack of conformity 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. If they are fit for the purpose normally expected of similar goods and, where applicable:
  - If they correspond to the description given by the seller and possess the qualities that were presented to the buyer in the form of a sample or model;
  - If they possess the qualities that a buyer can reasonably expect given the public statements made by the seller, the producer or its representative, especially in advertising or labelling;
2. Or if they have the characteristics defined by mutual agreement between the parties or are suitable for any special use sought by the buyer, brought to the attention of the seller and accepted by the latter.

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

#### 10.1.2. COMMERCIAL WARRANTY PELLENC

##### 10.1.2.1. CONTENTS

###### 10.1.2.1.1. GENERAL INFORMATION

In addition to the legal warranties, user customers 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 forms an inseparable whole with the product sold by PELLENC.

###### 10.1.2.1.2. SPARE PARTS

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

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

Products PELLENC connected to a battery are covered by the commercial warranty from the date of delivery to the user customer for a period of two (2) years PELLENC, and for a period of one (1) year in respect of other products PELLENC.

**10.1.2.2.2. SPARE PARTS**

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

In the case of products connected to a battery PELLENC, spare 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**

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

Nor does it apply in the event of impact, dropping, negligence, lack of supervision or maintenance or if the product has been transformed. Products that have been altered, transformed or modified by the user customer are also excluded from the warranty.

Wear parts and/or consumables are not covered by the warranty.

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

No later than eight days after delivery of the goods to the user customer, the DISTRIBUTOR undertakes to complete the computerised commissioning declaration form in order to activate the latter on the website [www.pellenc.com](http://www.pellenc.com), under the heading "Extranet Access" in the "Pellenc Extranet Service" menu, using the identifier previously issued by PELLENC.

Otherwise, the commissioning declaration will not be effective, thus preventing any implementation of the commercial warranty PELLENC, and the DISTRIBUTOR must therefore bear the financial burden alone without being able to pass on the cost of its intervention under the warranty to the user customer.

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

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

Malfunctions, breakdowns, breakages resulting from misuse, negligence or improper maintenance by the user customer, as well as malfunctions resulting from the normal wear of the product, are subject to the payment of the 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**

The paid after-sales service also covers original spare parts PELENC, excluding labour and outside the legal or commercial warranty period.

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

## 11. COMPLIANCE STATEMENTS

### 11.1. EC DECLARATION OF CONFORMITY : SELION C

MANUFACTURER / PERSON AUTHORISED TO COMPILE THE TECHNICAL FILE	PELENC
ADDRESS	Quartier Notre-Dame - 84120 Pertuis (France)

We hereby declare that the machine designated below:

GENERIC DENOMINATION	CHAINSAW		
FUNCTION	INTENDED FOR PRUNING AND TRIMMING		
COMMERCIAL NAME	SELION COMPACT		
TYPE	SELION C		
MODEL	C21 HD		
SERIAL NO.	51Y00001 - 51Y49999	51Z00001 - 51Z49999	51A00001 - 51A49999

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The object of the declaration described above complies with the relevant Union harmonisation legislation:

- Directive 2006/42/EC
  - EN 62841-1:2015 + A11:2022
  - EN 62841-4-1:2020
  - EN ISO 11681-2:2022
- Directive 2014/30/EU
  - EN IEC 55014-1:2021
  - EN IEC 55014-2:2021
- Directive 2011/65/EU
- Directive 2012/19/EU
- Regulation (REACH) No 1907/2006

The notified body SGS-CSTC Shanghai, 588 Wast Jindu Road, Xinqiao, Songjiang, 201612 Shanghai, China has carried out the EC type-examination referred to in Directive 2006/42/EC and has issued certificates BE-46687 and MD-474 issue 1.

### Sound level at the maximum operating rating

MODEL	SELION C21 HD
Measured sound power according to Directive 2000/14 /EC	$L_{WA} = 96 \text{ dB (A)}$
Guaranteed sound power according to Directive 2000/14 /EC	$L_{WA,d} = 100 \text{ dB (A)}$

Signed for and on behalf of:

Simon BARBEAU

CEO



PERTUIS, 11/03/2024

**11.2. UK DECLARATION OF CONFORMITY <sup>UK</sup>CA : SELION C21 HD**

MANUFACTURER / 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	CHAINSAW		
FUNCTION	INTENDED FOR TREE-PRUNING		
COMMERCIAL NAME	SELION COMPACT		
TYPE	SELION C		
MODEL	SELION C21 HD		
SERIAL No.	51Y00001 - 51Y49999	51Z00001 - 51Z49999	51A00001 - 51A49999

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The object of the declaration described above is in conformity with the relevant statutory requirements:

- S.I. 2008 No. 1597 "Machinery"
  - EN 62841-1: 2015 + A11: 2022
  - EN 62841-4-1:2020
  - EN ISO 11681-2: 2022
- S.I. 2012 No. 3032 RoHS
- S.I. 2016 No. 1091 Electromagnetic Compatibility Regulations 2016
  - EN IEC 55014-1:2021
  - EN IEC 55014-2:2021
- S.I. 2021 No. 904 UK REACH Regulation

**Sound Power Level :**

MODEL	SELION C21 HD
Measured sound power level	$L_{WAm} = 96 \text{ dB (A)}$
Guaranteed sound power level	$L_{wAg} = 100 \text{ dB (A)}$

The measured sound level and the guaranteed sound power level were measured by the notified body SGS-CSTC Shanghai, 588 West Jindu Road, Xinqiao, Songjiang, 201612 Shanghai, China according to a procedure compliant with Noise Emission in the Environment by Equipment for use Outdoors Regulations 2001 Annex V. The certificate are identified by the following numbers: BE-46687 and MD-474 issue 1.

Signed by and on behalf of :

Simon BARBEAU  
CHIEF EXECUTIVE OFFICER



SIGNED IN PERTUIS, 11/03/2024

# ***PELLENC***

   [www.pellenc.com](http://www.pellenc.com)

PELLENC  
Quartier Notre Dame - 84120 Pertuis (France)

