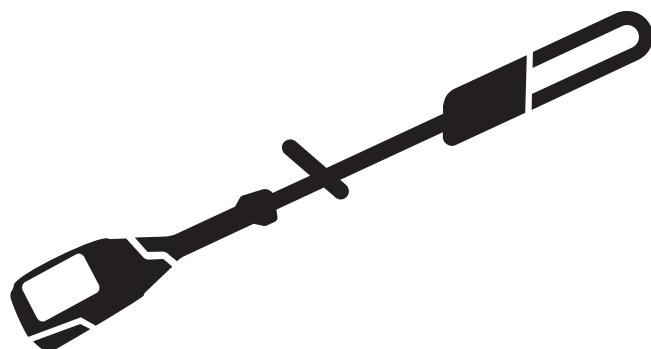




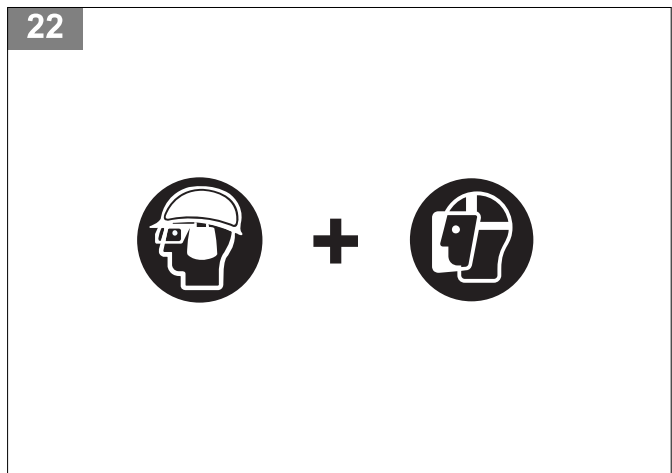
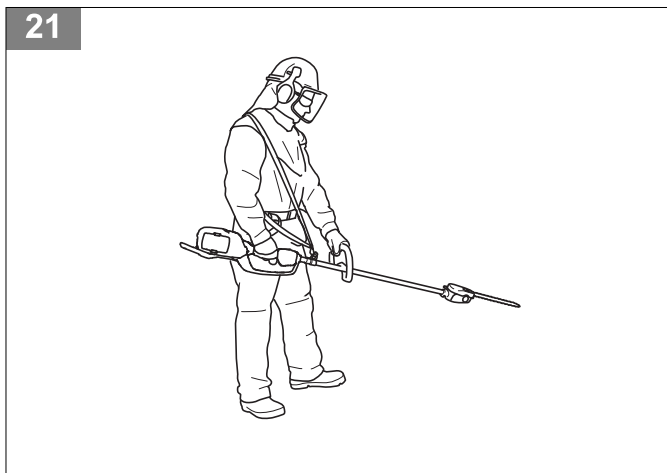
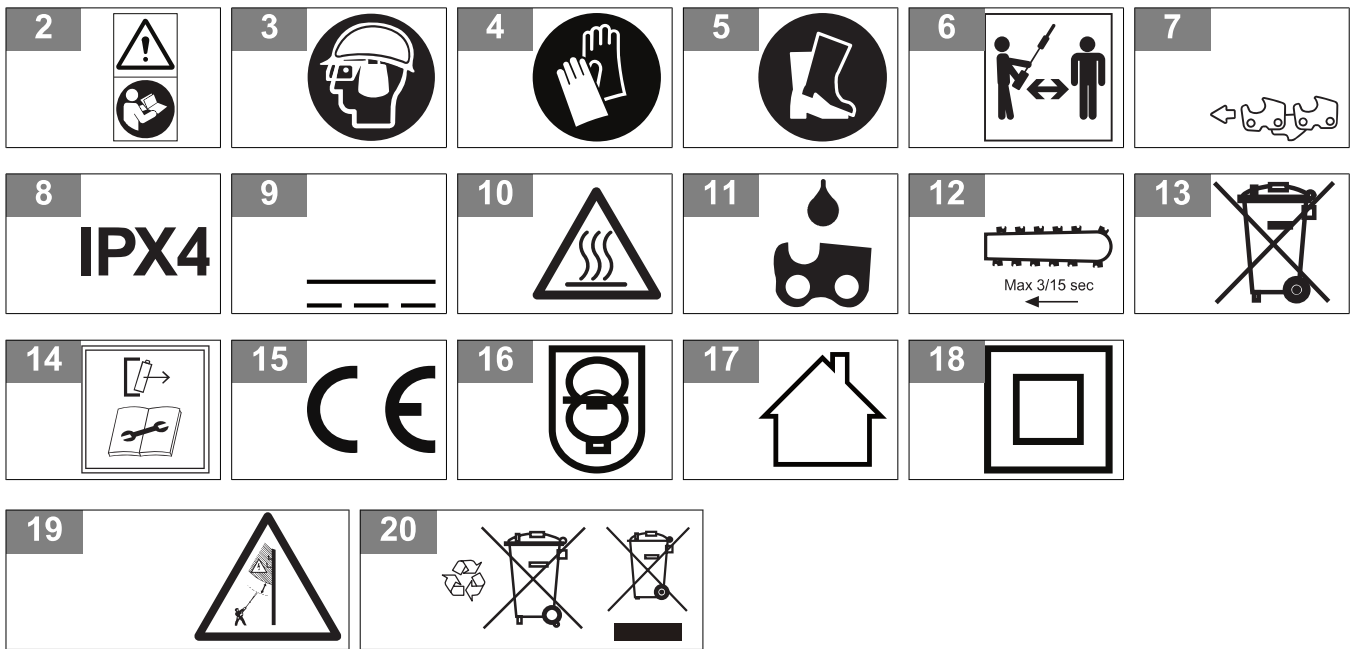
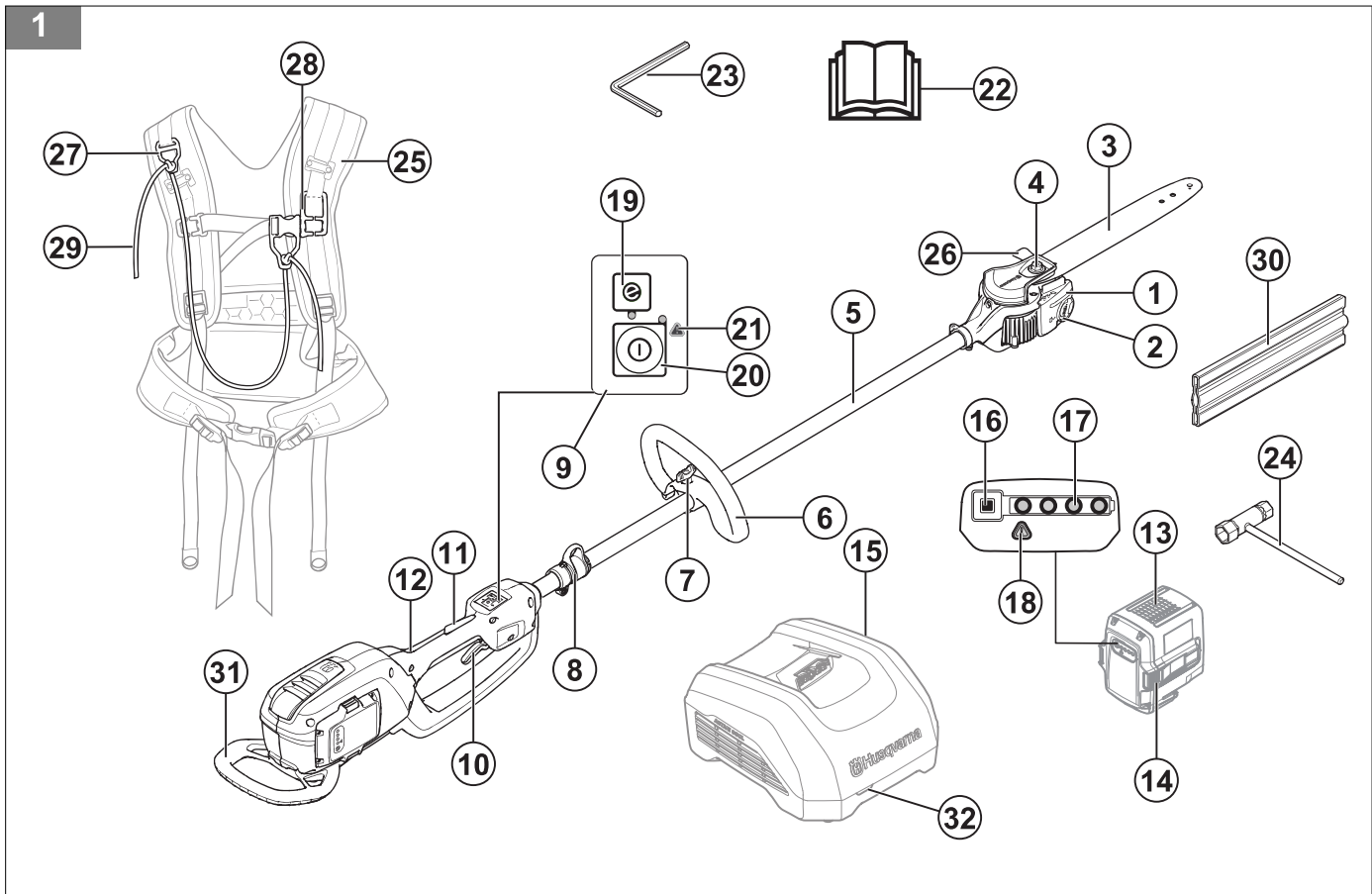
Husqvarna®



530iPX



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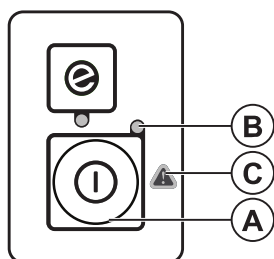
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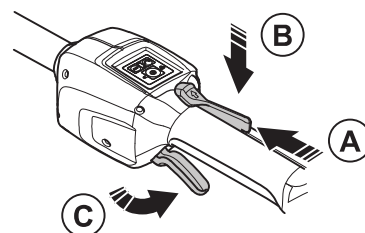
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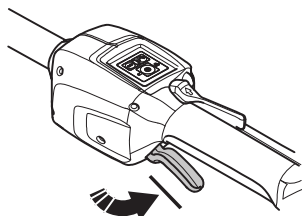
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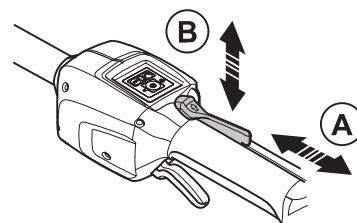
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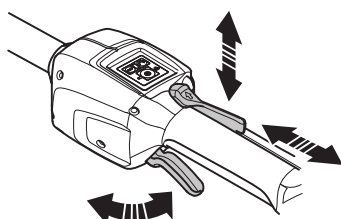
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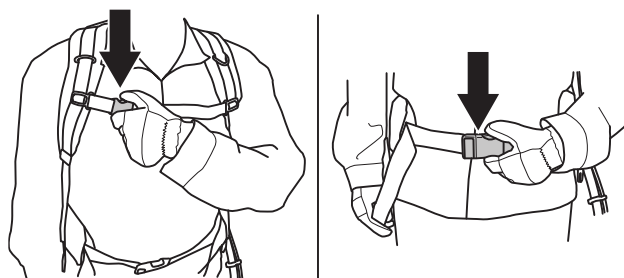
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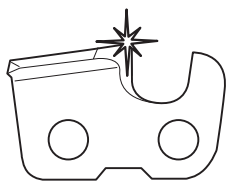
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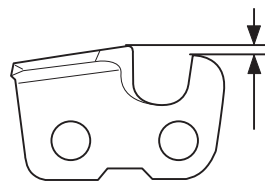
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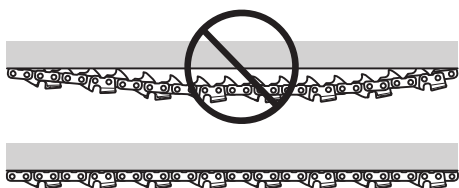
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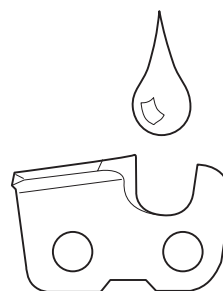
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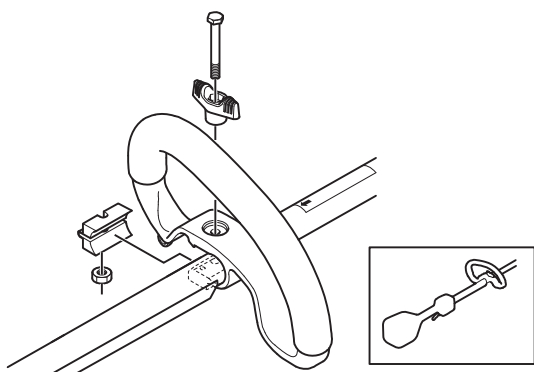
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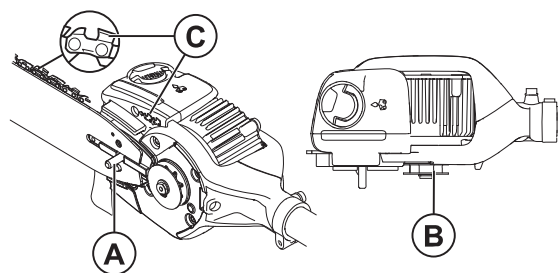
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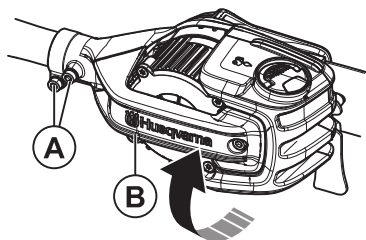
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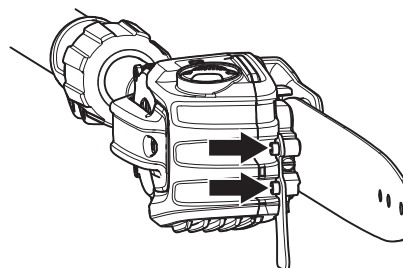
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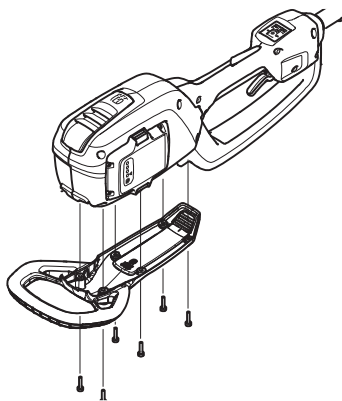
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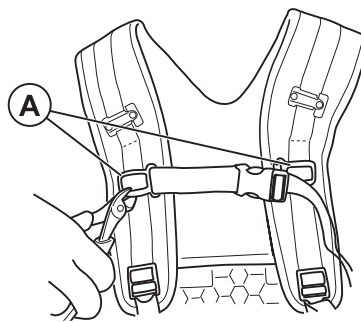
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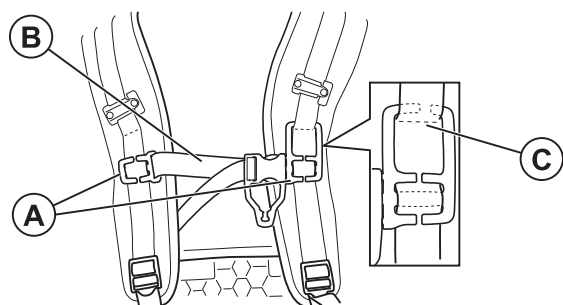
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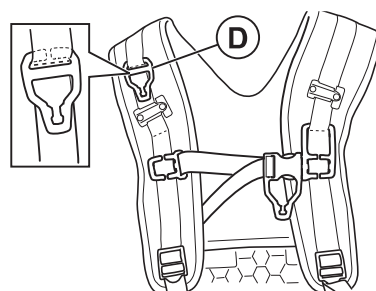
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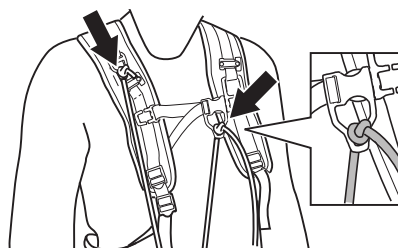
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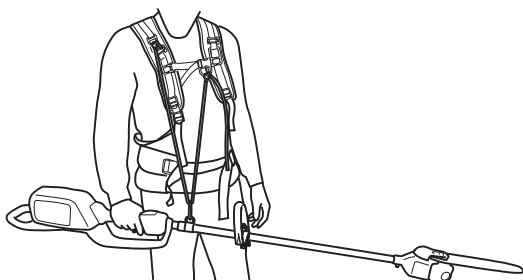
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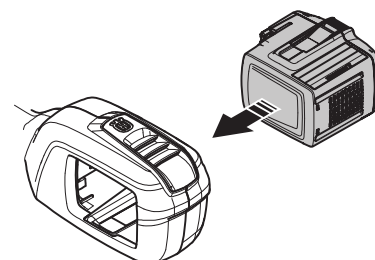
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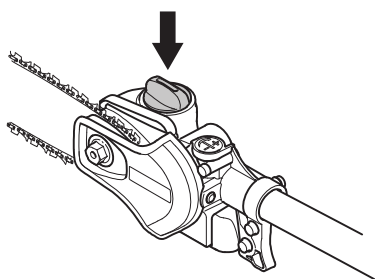
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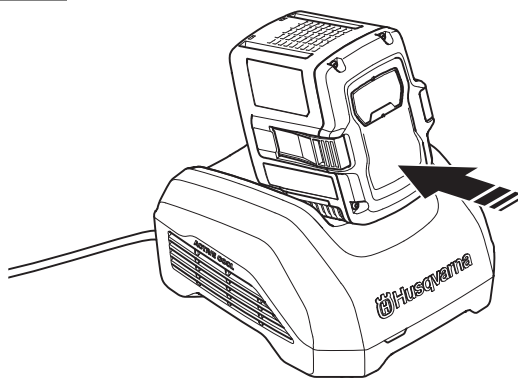
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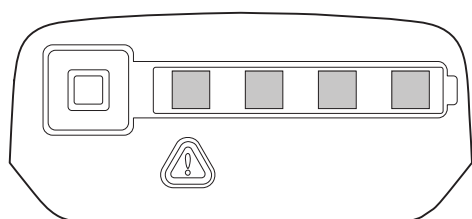
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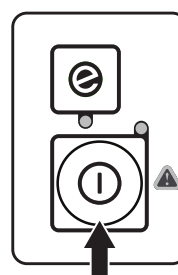
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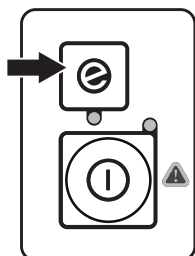
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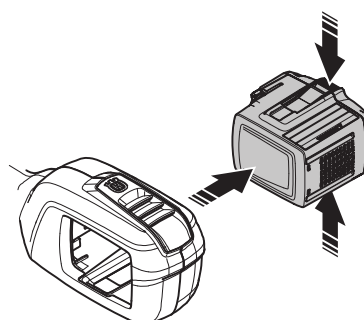
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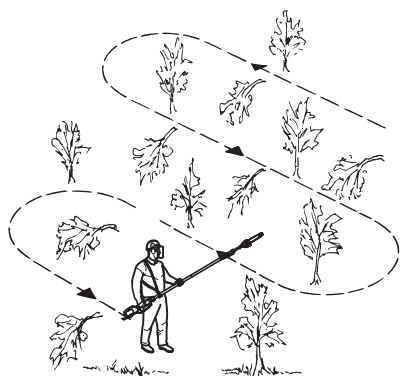
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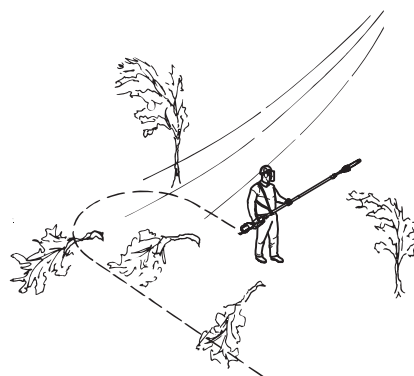
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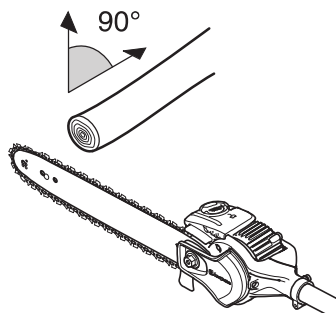
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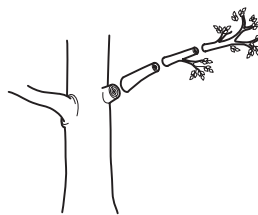
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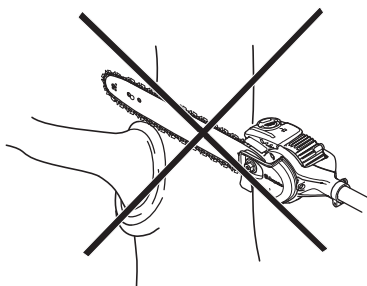
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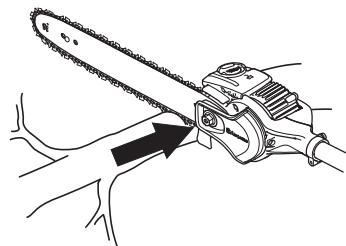
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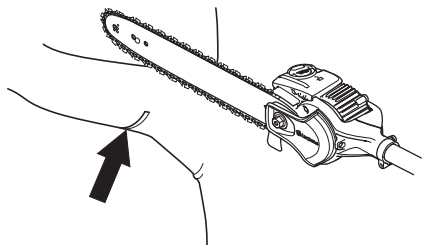
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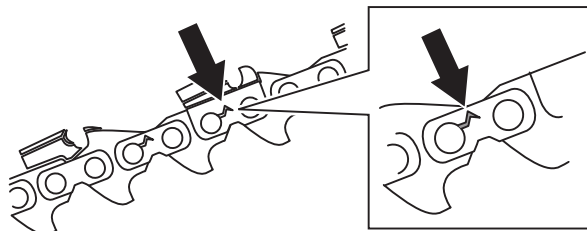
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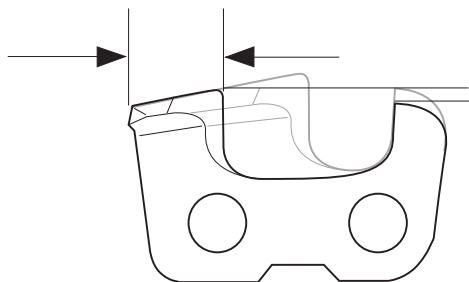
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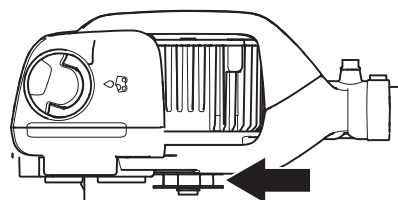
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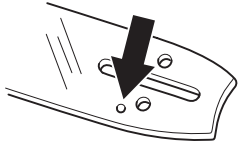
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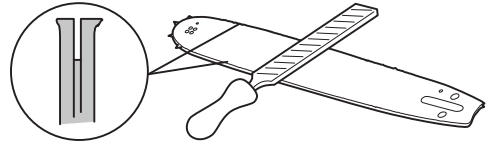
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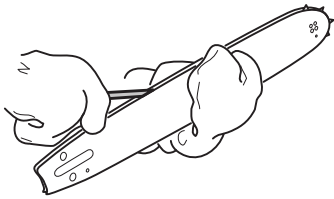
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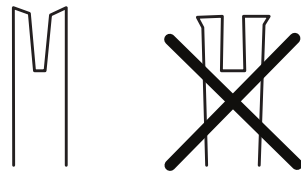
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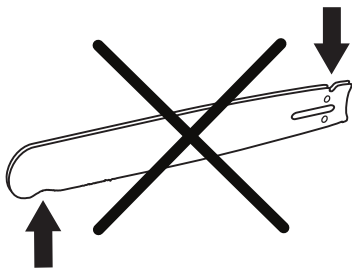
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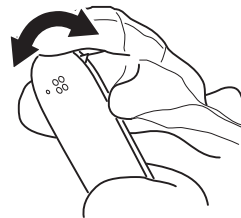
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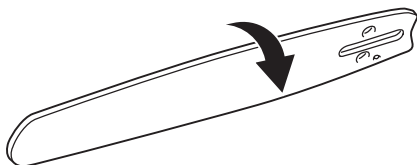
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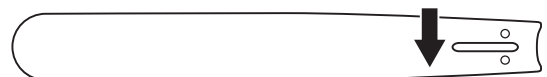
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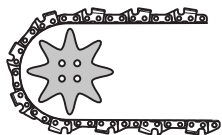
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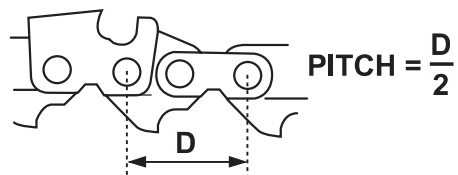
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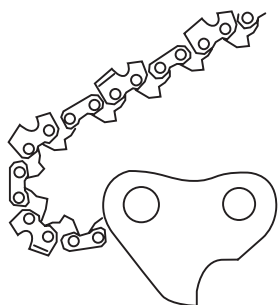
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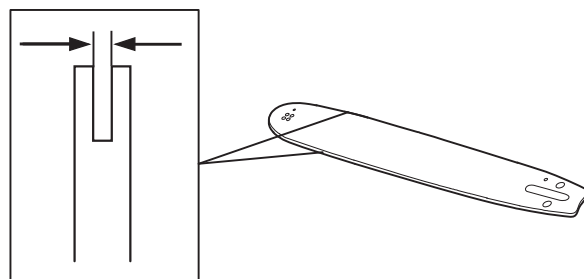
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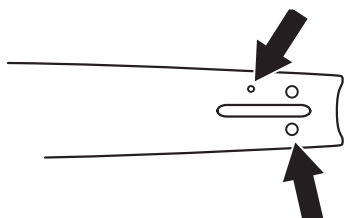
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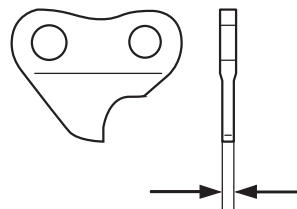
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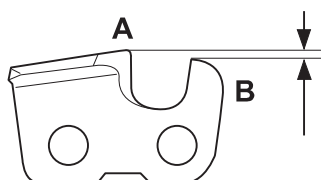
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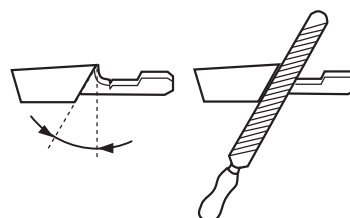
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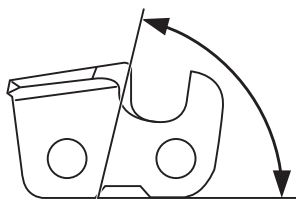
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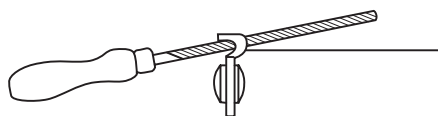
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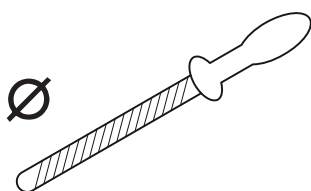
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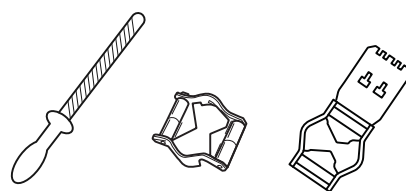
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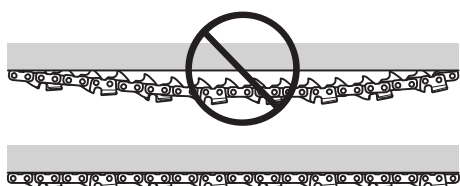
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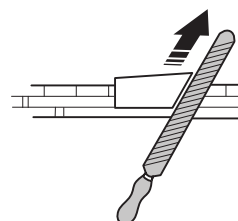
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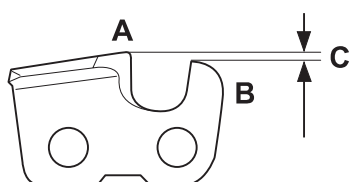
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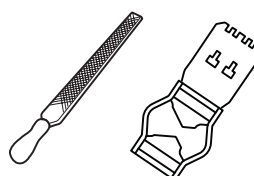
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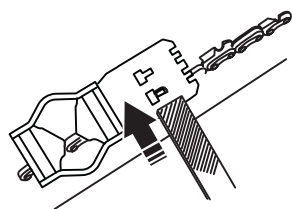
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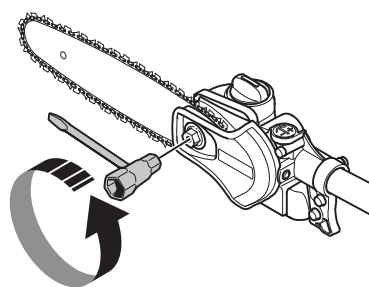
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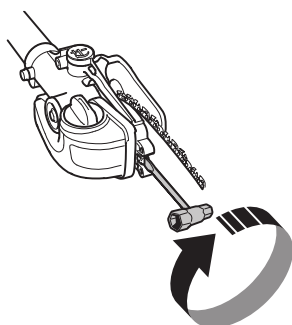
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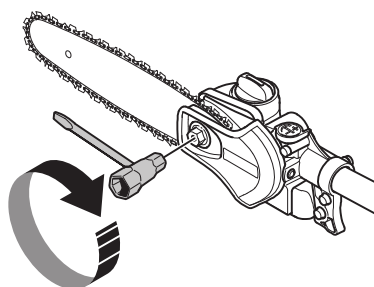
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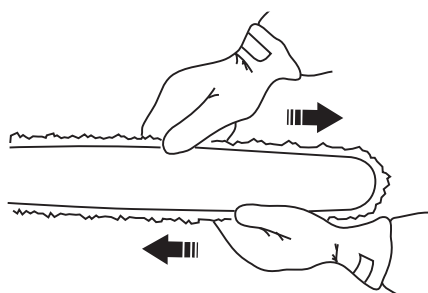
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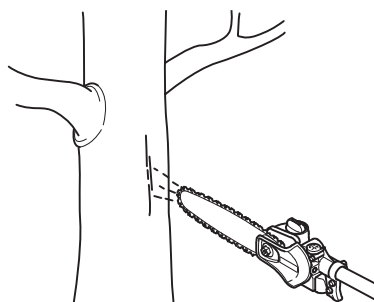
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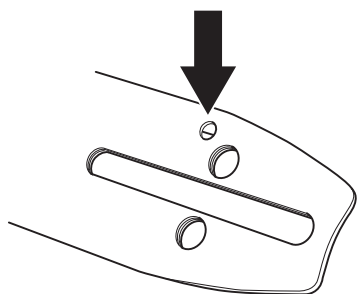
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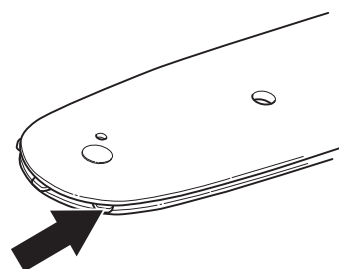
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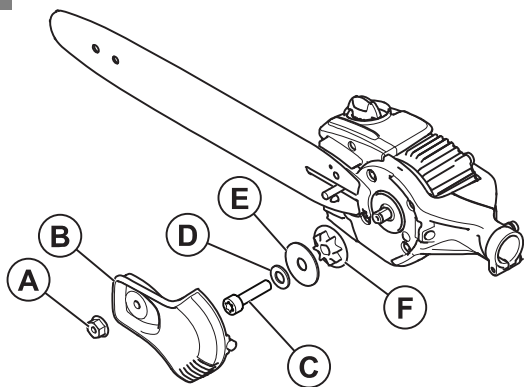
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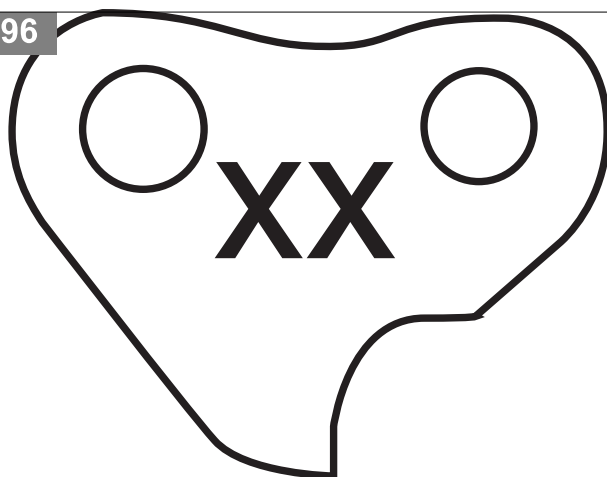
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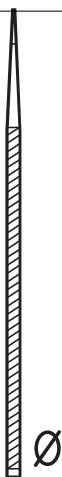
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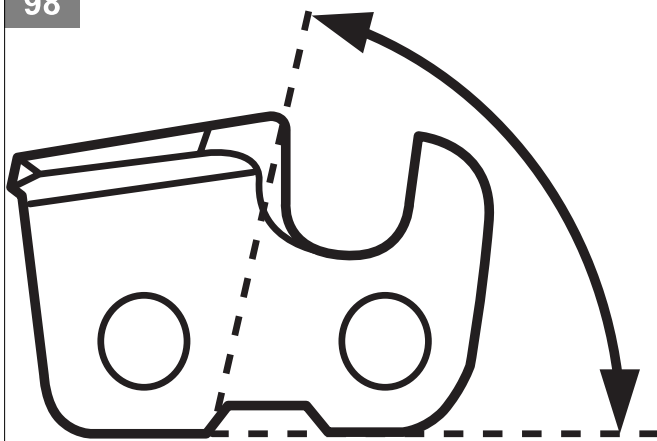
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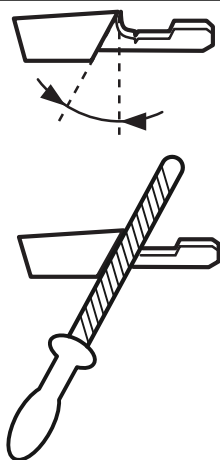
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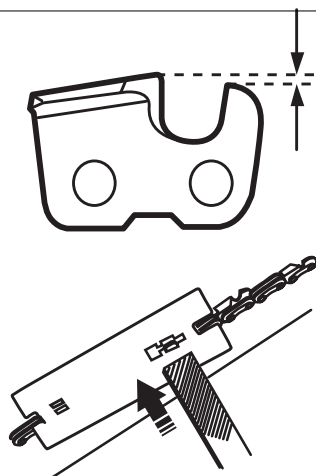
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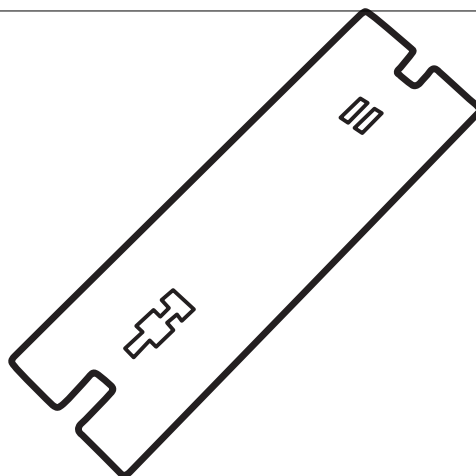
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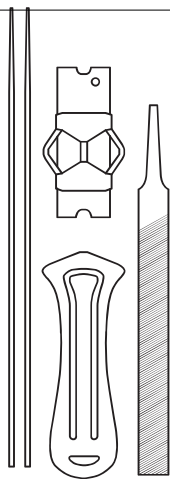


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Introduction

Product description

Husqvarna 530iPX is a battery pole pruner with an electrical motor.

Intended use

The product is used for cutting branches and twigs. Do not use the product for other tasks.

Product overview

(Fig. 1)

1. Saw head
2. Chain oil tank
3. Guide bar
4. Bar nut
5. Shaft
6. Loop handle
7. Handle adjustment
8. Harness support hook
9. Keypad
10. Power trigger
11. Power trigger lockout
12. Rear handle
13. Battery (Accessory)
14. Battery release buttons
15. Battery charger (Accessory)
16. Battery indicator button
17. Battery status
18. Warning indicator
19. SavE button
20. On/Off button
21. Warning indicator
22. Operator's manual
23. 4 mm hex key
24. Combination key
25. Harness (Accessory)
26. Branch hook
27. Shoulder strap eyelet
28. Chest strap eyelet
29. Elastic strap
30. Transport guard
31. Impact guard

Note: National regulations can set limit to the operation of the product.

Only use the product with accessories that are approved by the manufacturer. Refer to *Accessories on page 32*.

32. Charging and error indicator on charger

Note:

The battery and battery charger can look different between different models.

Symbols on the product

(Fig. 2) **WARNING!** This product is dangerous. Injury or death can occur to the operator or bystanders if the product is not used carefully and correctly. To prevent injury to the operator or bystanders, read and obey all safety instructions in the operator's manual. Please read the operator's manual carefully and make sure that you understand the instructions before use.

(Fig. 3) Use a protective helmet in locations where objects can fall on you. Use approved hearing protection. Use approved eye protection.

(Fig. 4) Use approved protective gloves.

(Fig. 5) Use heavy-duty slip-resistant boots.

(Fig. 6) Keep bystanders away. The operator of the product must ensure, while working, that no persons or animals come closer than 15 meters.

(Fig. 7) Indication of chain direction.

(Fig. 8)	Protected against splashing water.	(Fig. 13)	The product or package cannot be disposed as domestic waste. The product and package must be sent to a correct recycling station for the recovery of electrical and electronic equipment. (Applies to Europe only)
(Fig. 9)	Direct current.		
(Fig. 10)	Keep all parts of your body away from the hot surfaces.		
(Fig. 11)	Filling with chain oil and adjusting oil flow.	(Fig. 14)	Disconnect battery before maintenance.
(Fig. 12)	Cutting unit operating cycle, operation time/idle time.		

(Fig. 19)	This product is not electrically insulated. If the product touches or comes close to high-voltage power lines it could lead to death or serious injury. Electricity can jump from one point to another by arcing. The higher the voltage, the greater the distance electricity can jump. Electricity can also travel through branches and other objects, especially if they are wet. Always keep a distance of at least 10 m between the machine and high-voltage power lines and/or any objects that are touching them. If you have to work within this safe distance you should always contact the relevant power company to make sure the power is switched off before you start work.		
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yyyywwxxxx	The rating plate shows the serial number. yyyy is the production year, ww is the production week and xxxx is the sequential number.		
(Fig. 15)	The product agrees with the applicable EC directives.	(Fig. 16)	Fail-safe transformer.
		(Fig. 17)	Use and keep the battery charger indoors only.
		(Fig. 18)	Double insulation.

Note: Other symbols/decals on the product refer to certification requirements for some markets.

Symbols on the battery and/or on the battery charger

(Fig. 20)	Recycle this product at a recycling station for electrical and electronic equipment. (Applies to Europe only)
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Product damage

We are not responsible for damages to our product if:

- the product is incorrectly repaired.
- the product is repaired with parts that are not from the manufacturer or not approved by the manufacturer.
- the product has an accessory that is not from the manufacturer or not approved by the manufacturer.
- the product is not repaired at an approved service center or by an approved authority.

Safety

Safety definitions

Warnings, cautions and notes are used to point out specially important parts of the manual.



WARNING: Used if there is a risk of injury or death for the operator or bystanders if the instructions in the manual are not obeyed.



CAUTION: Used if there is a risk of damage to the product, other materials or

the adjacent area if the instructions in the manual are not obeyed.

Note: Used to give more information that is necessary in a given situation.

General machine safety warnings



WARNING: Read all safety warnings, instructions, illustrations and specifications provided with this machine. *Failure to follow all instructions*

listed below may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

Note: *The term "machine" in the warnings refers to your mains-operated (corded) machine or battery-operated (cordless) machine.*

Work area safety

- **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- **Do not operate machine in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Machines create sparks which may ignite the dust or fumes.
- **Keep children and bystanders away while operating a machine.** Distractions can cause you to lose control.

Electrical safety

- **Machine plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) machines.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- **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.
- **Do not expose machines to rain or wet conditions.** Water entering a machine will increase the risk of electric shock.
- **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the machine. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
- **When operating a machine outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
- **If operating a machine in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of a RCD reduces the risk of electric shock.

Personal safety

- **Stay alert, watch what you are doing and use common sense when operating a machine. Do not use a machine while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating machines may result in serious personal injury.
- **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.

- **Prevent unintentional starting. Ensure the switch is in the OFF-position before connecting to a power source and/or battery pack, picking up or carrying the machine.** Carrying machines with your finger on the switch or energising machines that have the switch on invites accidents.
- **Remove any adjusting key or wrench before turning the machine on.** A wrench or a key left attached to a rotating part of the machine may result in personal injury.
- **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the machine in unexpected situations.
- **Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.
- **Do not let familiarity gained from frequent use of machines allow you to become complacent and ignore machine safety principles.** A careless action can cause severe injury within a fraction of a second.

Machine use and care

- **Do not force the machine. Use the correct machine for your application.** The correct machine will do the job better and safer at the rate for which it was designed.
- **Do not use the machine if the switch does not turn it on and off.** Any machine that cannot be controlled with the switch is dangerous and must be repaired.
- **Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the machine before making any adjustments, changing accessories, or storing machines.** Such preventive safety measures reduce the risk of starting the machine accidentally.
- **Store idle machines out of the reach of children and do not allow persons unfamiliar with the machines or these instructions to operate the machines.** Machines are dangerous in the hands of untrained users.
- **Maintain machines and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the machines's operation. If damaged, have the machine repaired before use.** Many accidents are caused by poorly maintained machines.
- **Keep cutting tools sharp and clean.** Properly maintained cutting machines with sharp cutting edges are less likely to bind and are easier to control.

- **Use the machine, accessories and bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the machine for operations different from those intended could result in a hazardous situation.
- **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 machine in unexpected situations.

Battery machine use and care

- **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.
- **Use machines only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- **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.
- **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 irritations or burns.
- **Do not use a battery pack or machine that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
- **Do not expose a battery pack or machine to fire or excessive temperature.** Exposure to fire or temperature above 130 °C / 265 °F may cause explosion.
- **Follow all charging instructions and do not charge the battery pack or machine 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.

Service

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

Pole-mounted pruner safety warnings:

- **Keep all parts of the body away from the saw chain or saw blade when the pole-mounted pruner is operating. Before you start the pole mounted pruner, make sure the saw chain or saw**

blade is not contacting anything. A moment of inattention while operating the pole-mounted pruner may result in injury to yourself or others.

- **Always use two hands when operating the pole mounted pruner.** Hold the pole-mounted pruner with both hands to avoid loss of control.
- **To reduce the risk of electrocution, never use the pole mounted pruner near any electrical power lines.** Contact with or use near power lines may cause serious injury or electric shock resulting in death.
- **Hold the pole-mounted pruner by insulated gripping surfaces only, because the saw chain or saw blade may contact hidden wiring.** Saw chains or saw blades contacting a "live" wire may make exposed metal parts of the machine "live" and could give the operator an electric shock.
- **Wear eye and ear protection. Further protective equipment for hands and slip-resistant footwear is recommended.** Adequate protective equipment will reduce the risk of personal injury.
- **Always use head protection when operating the pole mounted pruner overhead.** Falling debris can result in serious personal injury.
- **Always keep proper footing and operate the pole-mounted pruner only when standing on the ground.** Slippery or unstable surfaces may cause a loss of balance or control of the machine.
- **Do not operate a pole-mounted pruner in a tree, on a ladder, or any unstable support.** Operation of a pole-mounted pruner in this manner may result in loss of balance, loss of control and personal injury.
- **Keep all power cords and cables away from cutting area.** Power cords or cables may be hidden in trees and can be accidentally cut by the saw chain or saw blade.
- **Do not use the pole-mounted pruner in bad weather conditions, especially when there is a risk of lightning.** This decreases the risk of being struck by lightning.
- **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 pole-mounted pruner out of control.
- **Use extreme caution when cutting brush and saplings.** The slender material may catch the saw chain or saw blade and be whipped toward you or pull you off balance.
- **When carrying the pole-mounted pruner with the machine switched off, take care not to operate any power switch and keep the saw chain or saw blade away from your body.** Proper carrying of the pole-mounted pruner will reduce the likelihood of accidental contact with the saw chain or saw blade.
- **When transporting or storing the pole-mounted pruner, always fit the guide bar or saw blade cover.** Proper handling of the pole-mounted pruner will reduce the likelihood of accidental contact with the moving saw chain or saw blade.

- **When clearing jammed material, storing or servicing the pole-mounted pruner, make sure the switch is off and all battery packs are removed.** Unexpected actuation of the machine while clearing jammed material or servicing may result in serious personal injury.
- **Cut wood only. Do not use pole-mounted pruner for purposes not intended. For example: do not use the pole-mounted pruner for cutting plastic, metal, masonry or non-wood building materials.** Use of the pole-mounted pruner for operations different than intended could result in a hazardous situation.

General safety instructions



WARNING: Read the warning instructions that follow before you use the product.

- Remove the battery to prevent the product from being started by accident.
- This product is a dangerous tool if you are not careful or if you use the product incorrectly. This product can cause serious injury or death to the operator or others.
- Do not use the product if it is changed from its initial specification. Do not change a part of the product without approval from the manufacturer. Only use parts that are approved by the manufacturer. Injury or death is a possible result of incorrect maintenance.
- Do a check of the product before use. See, *Safety devices on the product on page 20* and *To check before starting on page 23*. Do not use a product that is damaged or does not operate correctly. Do the safety checks, maintenance and service instructions described in this manual.
- Children should be supervised to ensure that they do not play with the product. Never allow children or other persons not trained in the use of the product and/or the battery to use or service it. Local laws may regulate the age of the user.
- Keep the product in a locked area to prevent access for children or persons that are not approved.
- Store the product out of reach of children.
- Under no circumstances may the design of the product be modified without the permission of the manufacturer. Always use original accessories. Non-authorized modifications and/or accessories can result in serious personal injury or the death of the operator and others.

Note: National or Local laws can regulate the use. Comply to given regulations.

Safety instructions for operation



WARNING: Read and obey the warning instructions that follow before you use the product.

- Ensure that no people or animals come closer than 15 m / 50 ft. while you work. When several operators are working in the same area the safety distance should be at least 15 m. Otherwise there is a risk of serious personal injury. Stop the product immediately if anyone approaches. Never swing the product around without first checking behind you to make sure that no one is within the safety zone.
- Working in bad weather is tiring and often brings added risk. Due to the added risk, it is not recommended to use the machine in very bad weather, for instance in dense fog, heavy rain, strong winds, intense cold, risk of lightning, etc.
- Do not allow children to use or be in the vicinity of the product. Since the product is easy to start, children may be able to start it if they are not kept under full surveillance. This can mean a risk of serious personal injury. Disconnect the battery when the product is not under close supervision.
- Ensure that people, animals or other things can not affect your control of the product or that they do not come in contact with the cutting attachment or loose objects that are thrown out by the cutting attachment.
- Listen out for warning signals or shouts when you wear hearing protection. Always remove your hearing protection as soon as the product stops.
- Overexposure to vibration can lead to circulatory damage or nerve damage in persons who have poor circulation. Speak to your physician if you experience symptoms of overexposure to vibration. Such symptoms include numbness, loss of feeling, tingling, pricking, pain, loss of strength, changes in skin colour or condition. These symptoms usually show in the fingers, hands or wrists.
- The vibration emission during actual use of the machine can differ from the declared total value depending on the ways in which the machine is used. Operators should identify safety measures to protect themselves that are based on an estimation of exposure in the actual conditions of use (taking account of all parts of the operating cycle such as the times when the machine is switched off and when it is running idle in addition to the trigger).
- Never use a cutting attachment without an approved guard. If an incorrect or faulty guard is fitted this can cause serious personal injury.
- Always stop the product, remove the battery and make sure that the cutting equipment stops completely before you start to do any work on the product. Departure from the sharpening instructions considerably increase the risk of kickback.

- If you encounter a situation where you are uncertain how to proceed you should ask an expert. Contact your dealer or your service workshop. Avoid all usage which you consider to be beyond your capability.
- Avoid all usage which you consider to be beyond your capability.
- Never use the product if you are fatigued, while under the influence of alcohol or drugs, medication or anything that could affect your vision, alertness, coordination or judgment.
- The product can be thrown violently to the side when the tip of the guide bar comes in contact with a fixed object. This is called kickback. A kickback can be violent enough to cause the product/operator to be propelled in any direction, and possibly lose control of the product. Avoid cutting with the guide bar tip.
- Do not use the product unless you are able to call for help in case of an accident.
- Keep a good balance and a firm foothold. Make sure that you can move and stand safely. Check the area around you for possible obstacles (roots, rocks, branches, ditches, etcetera) in case you have to move suddenly. Take great care when you work on sloping ground.
- Always inspect the working area. Remove all loose objects such as stones, broken glass, nails, steel wire, string, etcetera, that could be thrown out or become wrapped around the cutting attachment.
- Take great care when cutting a tree that is in tension. A tree that is in tension may spring back to its normal position before or after being cut. If you position yourself incorrectly or make the cut in the wrong place the tree may hit you or the product and cause you to lose control. Both situations can cause serious personal injury.
- Use the harness to support the weight of the product and make it easier to handle.
- Always hold the product with both hands. Hold the product on the right side of your body.

(Fig. 21)

- Stop the product before you move to another area. Attach the transport guard before carrying or transporting the product any distance.
- Never put the product down when it is activated unless you have it in clear sight.
- If the product is operated at temperatures below -10°C the product and the battery must be stored in a heated space for at least 24 hours before starting work.
- Never stand directly underneath a branch that is being cut. This could lead to serious or even fatal personal injury.
- Observe the applicable safety regulations for work in the vicinity of overhead power lines.
- This product is not electrically insulated. If the product touches or comes close to high-voltage power lines it could lead to death or serious bodily injury. Electricity can jump from one point to another

by arcing. The higher the voltage, the greater the distance electricity can jump. Electricity can also travel through branches and other objects, especially if they are wet. Always keep a distance of at least 10 m between the product and high voltage power lines and/or objects that are touching them. If you have to work within this safe distance you should always contact the relevant power company to make sure the power is switched off before you start work.

- A faulty cutting attachment may increase the risk of accidents.

Personal protective equipment



WARNING: Read the warning instructions that follow before you use the product.

- Always use approved personal protective equipment when you use the product. Personal protective equipment cannot fully prevent injury but it decreases the degree of injury if an accident does occur. Let your dealer help you select the right equipment.
- Use a protective helmet where there is a risk of falling objects.
- Long term exposure to noise can result in damaged hearing. In general, battery powered products are relatively quiet but damage can result from a combination of noise level and long usage. Husqvarna recommends that operators use hearing protectors when using products for a longer coherent time of a day. Continual and regular users should have their hearing checked regularly.



WARNING: Hearing protectors limit the ability to hear sounds and warning signals.

- Use approved eye protection. If you use a visor, you must also use approved protective goggles. Approved protective goggles must comply with the ANSI Z87.1 standard in the USAs or EN 166 in EU countries.
- Use a visor for face protection. A visor is not enough for protection of the eyes.

(Fig. 22)

- Use gloves when necessary, for example when you attach, examine or clean the cutting equipment.
- Use sturdy non-slip boots or shoes.
- Use clothing made of a strong fabric. Always use heavy, long pants and long sleeves. Do not use loose clothing that can catch on twigs and branches. Do not wear jewelry, short pants, sandals or go with bare feet. Put your hair up safely above shoulder level.

(Fig. 23)

- Keep first aid equipment close at hand.

(Fig. 24)

Safety devices on the product



WARNING: Read the warning instructions that follow before you use the product.

- Do not use a product with safety devices that are damaged or do not operate correctly.
- Do a check of the safety devices regularly. Refer to *Maintenance schedule on page 25*.
- If the safety devices are damaged or do not operate correctly, speak to your Husqvarna servicing dealer.

To do a check of the keypad

1. Push the On/Off button (A). (Fig. 25)
 - a) The product is on when the LED (B) is on.
 - b) The product is off when the LED (B) is off.
2. If the warning indicator (C) is on or flashes. Refer to *Keypad on page 29*.

To do a check of the power trigger lockout

The power trigger lockout is designed to prevent accidental operation. When you push the power trigger lockout forward (A) and then press the power trigger lockout against the handle (B), the power trigger (C) is released. When you release the handle, the power trigger and the power trigger lockout both move back to their original positions. This movement is operated by three independent springs.

(Fig. 26)

1. Make sure that the power trigger is locked when the lock is in its original position. (Fig. 27)
2. Push the power trigger lockout forward (A) and down. Hold the power trigger lockout against the handle (B) and make sure that it returns to its original position when you release it. (Fig. 28)
3. Make sure that the power trigger and the power trigger lockout moves freely and that the return springs operate properly. (Fig. 29)
4. Push On/Off button, refer to *To start the product on page 23*.
5. Push the power trigger fully to apply full speed.
6. Release the power trigger and make sure that the cutting attachment stops and remains still.

Harness quick release



WARNING: Do not use the harness if the quick release function is damaged. Make sure that the quick release function operates correctly when you adjust the product.



WARNING: Make sure that the product is attached safely to the harness when you operate the product. If not, you can not

control the product safely and result in injury to you or others.

The quick release function is at the front of the harness. The harness straps must always stay at the correct position.

(Fig. 30)

In an emergency, the quick release function helps you to safely release from the product.

Cutting attachment guard

The cutting attachment guard prevents a loose object to eject in the direction of the operator.

Examine the cutting attachment guard for damage and replace if it is damaged. Only use the approved guard for the cutting attachment.

Safety instructions for the cutting equipment



WARNING: Read the warning instructions that follow before you use the product.

- Only use approved guide bar/saw chain combinations and filing equipment. Refer to *Accessories on page 32* for instructions.
- Use protective gloves when you use or do maintenance on the saw chain. A saw chain that does not move can also cause injuries.
- Keep the cutting teeth correctly sharpened. Obey the instructions and use the recommended file gauge. A saw chain that is damaged or incorrectly sharpened increases the risk of accidents.

(Fig. 31)

- Keep the correct depth gauge setting. Obey the instructions and use the recommended depth gauge setting. Too large depth gauge setting increases the risk of kickback.

(Fig. 32)

- Make sure that the saw chain has the correct tension. If the saw chain is not tight against the guide bar, the saw chain can derail. An incorrect saw chain tension increases wear on the guide bar, saw chain and chain drive sprocket. Refer to *To tension the chain on page 28*.

(Fig. 33)

- Do maintenance on the cutting equipment regularly and keep it correctly lubricated. If the saw chain is not correctly lubricated, the risk of wear on the guide bar, saw chain and chain drive sprocket increases.

(Fig. 34)

Battery safety



WARNING: Read the warning instructions that follow before you use the product.

- Only use Husqvarna approved batteries. Refer to *Approved batteries on page 32*. The batteries are software encrypted.
- Use Husqvarna approved batteries as a power supply for the related Husqvarna products only. To prevent injury, do not use the battery as a power supply for other devices.
- Risk of electrical shock. Do not connect the battery terminals to keys, coins, screws or other metal. This can cause a short circuit of the battery.
- Do not use non-rechargeable batteries.
- Do not put objects into the air slots of the battery.
- Keep the battery away from sunlight, heat or open flame. The battery can cause burns and/or chemical burns.
- Keep the battery away from rain and wet conditions.
- Keep the battery away from microwaves and high pressure.
- Do not try to disassemble or break the battery.
- If the battery leaks, do not let the liquid touch your body or eyes. If you have touched the liquid, clean the area with a large quantity of water and soap, and get medical aid. If you get liquid in your eyes, do not rub but flush with water for a minimum of 15 minutes and get medical aid.
- Use the battery in temperatures between -10 °C (14 °F) and 40 °C (104 °F).
- Do not clean the battery or the battery charger with water. Refer to *To clean the product, the battery and the battery charger on page 28*.
- Do not use a battery that is damaged or does not operate correctly.
- Keep batteries in storage away from metal objects such as nails, screws or jewelry.
- Keep the battery away from children.
- Keep all cables and extension leads away from water, oil and sharp edges. Make sure that the cable is not caught between objects, for example, doors, fences or equivalent.
- Do not use the battery charger near flammable materials or materials that can cause corrosion. Make sure that the battery charger is not covered. Pull out the plug to the battery charger if there is smoke or fire.
- Only charge the battery indoors in a location with good airflow and away from sunlight. Do not charge the battery outdoors. Do not charge the battery in wet conditions.
- Only use the battery charger where the temperature is between 5 °C (41 °F) and 40 °C (104 °F). Use the charger in an environment which has a good airflow, dry and free from dust.
- Do not put objects into the cooling slots of the battery charger.
- Do not connect the battery charger terminals to metal objects as this can short circuit the battery charger.
- Use approved mains sockets that are not damaged. Make sure that the cord of the battery charger is not damaged. If extension cables are used, make sure that the extension cables are not damaged.

Battery charger safety



WARNING: Read the warning instructions that follow before you use the product.

- Risk of electrical shock or short circuit if the safety instructions are not obeyed.
- Do not use other battery chargers than the one supplied for your product. Only use Husqvarna approved battery chargers to charge Husqvarna approved batteries. Refer to *Approved battery chargers on page 32* for instructions.
- Do not try to disassemble the battery charger.
- Do not use a battery charger that is damaged or does not operate correctly.
- Do not lift the battery charger by the power cord. To disconnect the battery charger from a mains socket, pull out the plug. Do not pull the power cord.
- Remove the battery before you do maintenance, other checks or assemble the product.
- The operator must only do the maintenance and servicing shown in this operator's manual. Turn to your servicing dealer for maintenance and servicing of a larger extension.
- Do not clean the battery or the battery charger with water. Strong detergent can cause damage to the plastic.
- If you do not do maintenance, it decreases the life cycle of the product and increases the risk of accidents.
- Special training is necessary for all servicing and repair work, especially for the safety devices on the product. If not all checks in this operator's manual are approved after you have done maintenance, turn to your servicing dealer. We guarantee that there are professional repairs and servicing available for your product.
- Only use original spare parts.

Safety instructions for maintenance



WARNING: Read the warning instructions that follow before you do maintenance on the product.

Assembly

Introduction



WARNING: Read and understand the safety chapter before you assemble the product.

To assemble the loop handle

1. Attach the loop handle onto the shaft between the arrows. (Fig. 35)
2. Move the spacer into the slot of the loop handle.
3. Install the nut, the knob and the screw. Do not tighten too much.
4. Adjust the product to an applicable position.
5. Tighten the bolt.

To assemble the guide bar and saw chain

1. Remove the bar nut that holds the clutch cover.
2. Adjust the guide bar on the guide bar bolt. Put the guide bar in the rear position. Put the saw chain on the drive sprocket and in the groove on the guide bar. Start on the top side of the guide bar.
3. Make sure that the edges of the cutters point forward on the top edge of the guide bar as indicated by the symbol on the product (C).
4. Align the hole in the guide bar with the chain adjuster pin and install the clutch cover. Make sure that the drive links fit correctly on the chain drive sprocket (B). Make sure that the saw chain is in the groove in the guide bar. Tighten the bar nuts by hand as tightly as you can. (Fig. 36)
5. Apply tension to the saw chain, refer to *To tension the chain on page 28*.

To adjust the angle of the saw head



WARNING: Set the product to off and remove the battery before you continue. Use protective gloves.

1. Loosen the screws on the saw head (A).
2. Turn the saw head (B) 90°.
3. Tighten the screws (A). (Fig. 37)

To assemble the branch hook

- Use 2 screws to attach the branch hook. (Fig. 38)

To assemble the shock guard

1. Use 6 screws to attach the shock guard. (Fig. 39)

To replace the chest strap on the harness

1. Remove the chest strap attachments (A). (Fig. 40)
2. Attach the new chest strap (B) on the shoulder straps of the harness. Start with the lower part of the chest strap attachment (A). (Fig. 41)

Note: Make sure that the chest strap attachments is above the seam (C) on the shoulder strap.

3. Attach the attachment eyelet (D) on the shoulder strap. (Fig. 42)

To adjust the harness



WARNING: Always use the harness when you operate the product. The harness gives maximum control during operation and decreases the risk of tiredness.

If you use a backpack battery, make sure the battery cable is connected with Velcro® strip in the shock guard. (Fig. 43)

1. Put on the harness.
2. Make a knot in the elastic strap and attach the knot to the eyelet on the shoulder strap.
3. Make a knot in the elastic strap and attach the knot to the chest strap eyelet. (Fig. 44)
4. Put elastic strap in the harness support hook. (Fig. 45)

Note: The product is correctly balanced when you use minimum hand force to tilt the saw head.

To connect the battery charger

1. Connect the battery charger to the voltage and frequency that is specified on the rating plate.
2. Put the plug in a grounded socket outlet. The LED on the battery charger flashes green one time.

Note: The battery does not charge if the battery temperature is less than 0 °C (32 °F) or more than 50°C (122 °F). If the temperature is more than 50 °C/122 °F, the battery charger makes the battery become cool before the battery charges.

To connect the battery to the product



WARNING: Only use Husqvarna original batteries with the product.

1. Make sure that the battery is fully charged.
2. Push the battery into the battery holder of the product. The battery locks into position when you hear a click. (Fig. 46)



CAUTION: If the battery does not move easily into the battery holder, the

battery is not installed correctly. This can cause damage to the product.

3. Make sure that the battery is installed correctly.

To fill with chain oil

Fill with chain oil after 1 hour of operation or when the battery is empty.

1. Open the chain oil cap on top of the saw head. (Fig. 47)
2. Fill with Husqvarna chain oil.
3. Attach the chain oil cap.

Operation

Introduction



WARNING: Read and understand the safety chapter before you use the product.

Husqvarna Connect

Husqvarna Connect is a free app for your mobile device. The Husqvarna Connect app gives extended functions for your Husqvarna product.

- Extended product information.
- Information about, and help with, product parts and servicing.

To start to use Husqvarna Connect

1. Download the Husqvarna Connect app on your mobile device.
2. Register in the Husqvarna Connect app.
3. Follow the instruction steps in the Husqvarna Connect app to connect and register the product.

Note: Husqvarna Connect app is not available for download in all markets. Speak to your servicing dealer for more information.

To charge the battery

Note: Charge the battery if it is the first time that you use it. A new battery is only 30% charged.

1. Make sure that the battery is dry.
2. Put the battery in the battery charger. (Fig. 48)

Note: The battery and battery charger can look different between different models, but the procedure is the same.

3. Make sure that the green charging light on the battery charger comes on. That means that the battery is connected correctly to the battery charger.
4. When all LEDs on the battery come on, the battery is fully charged. (Fig. 49)
5. To disconnect the battery charger from the mains socket, pull the plug. Do not pull the cable.
6. Remove the battery from the battery charger.

Note: Refer to the battery and battery charger manuals for more information.

To check before starting

1. Inspect the working area. Remove any objects that could be thrown out.
2. Check the saw chain. Never use blunt, cracked or damaged equipment.
3. Check that the product is in perfect working order.
4. Check that all nuts and screws are tight.
5. Make sure the chain is adequately lubricated, refer to *To lubricate the cutting equipment on page 28*.
6. Check that the saw chain always stops when the engine is idling.
7. Only use the product for the purpose it was intended for.
8. Make sure the handle and safety features are in order. Never use a machine that has any parts missing or has been modified in relation to the specification.

To start the product

1. Push and hold the on/off button until the green LED is on. (Fig. 50)
2. Use the power trigger to control the speed.

To use the SavE function

This product has a power saving function, SavE. The SavE function decreases the chain speed and gives the longest operation time from the battery.

Note: The SavE function does not decrease the cutting power of the product.

1. Push the SavE button on the keypad.
2. Make sure that the green LED comes on.
3. Push the SavE button again to disconnect the function. The green LED goes out. (Fig. 51)

To stop the product

1. Release the power trigger or the power trigger lockout.
2. Push the On/Off button until the green LED is off.
3. Push the release buttons on the battery and pull the battery out. (Fig. 52)

To fell a tree

- Do not fell trees into uncleared areas.
- When you cut, do the work in the 9 to 12 o'clock sector.
- Recommended maximum diameter for the trees to be cut is 15 cm / 6 in.
- A stump at the waist height can make the tree fall in the target direction as far as possible.
- When you cut with the push stroke and pressure, the tree falls rearward in relative to the guide bar.
- When you cut with the pull stroke, the tree falls forward in relative to the guide bar.
- Use the guide bar to steer the tree into the target direction of fall. For large trees, use the branch hook behind the guide bar.
- Make sure that the tree falls after the trunk is cut through and before you move the product.

General work instructions



WARNING: Be careful when you cut a tree that is in tension. It can spring to its former position and hit you or the product, and cause injury.

- Do a check of the work area.
- Clear an open space at one end of the work area, and start the work from there.
- Work systematically to and fro across the area, clearing a width of around 4-5 m/13-16 ft on each pass. This exploits the full reach of the machine in both directions and gives the operator a convenient and varied working area to work in. (Fig. 53)

- You should plan the strip so that you avoid going over ditches or other obstacles on the ground. You should also orient the strip to take advantage of wind conditions, so that cleared stems fall in the cleared area of the stand. (Fig. 54)
- On sloping ground you should work along the slope. It is much easier to work along a slope than it is to work up and down it.
- If the stems are tightly packed, adapt your walking pace to suit.
- If the machine is operated at temperatures below -10°, the product and the battery must be stored in a heated space for at least 24 hours before starting work.

To use the product



WARNING: Do not stay directly below a branch that is being cut. This can result in death or injury.

- Be careful when you operate near overhead power lines. Falling branches can result in short-circuiting.
- If possible, position yourself so that you can make the cut at right angles to the branch. (Fig. 55)
- Cut large branches in sections. Note that falling branches can bounce in the direction of the user after hitting the ground. (Fig. 56)
- Never cut through the swelling at the root of the branch as this will slow down healing and increase the risk of fungal attack! (Fig. 57)
- Use the stop at the base of the cutting head to provide support during cutting. This will help prevent the cutting attachment from "jumping" on the branch. (Fig. 58)
- Make an initial cut on the underside of the branch before cutting through the branch. This will prevent tearing of the bark, which could lead to slow healing and cause permanent damage to the tree. The cut should not be deeper than 1/3 of the branch thickness to prevent jamming. Keep the chain running while you withdraw the cutting attachment from the branch to prevent it jamming. (Fig. 59)
- Make sure you have a firm footing and that you can work without being hampered by branches, stones and trees.



WARNING: Never activate the power trigger without having the cutting attachment in full view.

Maintenance

Introduction



WARNING: Read and understand the safety chapter before you do maintenance work on the product.

The following is a list of the maintenance steps that you must do on the product. In addition to the maintenance specified in the maintenance schedule, let a Husqvarna servicing dealer do servicing on the product regularly. For information about the service intervals, speak to your Husqvarna servicing dealer. Refer to the tasks in the maintenance chapter for more information.



WARNING: Remove the battery before you do maintenance on the product.

Maintenance schedule



WARNING: Remove the battery before you do maintenance.

Maintenance	Daily	Weekly	Monthly
Clean the external parts of the product with a dry cloth. Do not use water.	X		
Make sure that the On/Off button works correctly and are not damaged.	X		
Make sure that the power trigger and the power trigger lockout function correctly from a safety point of view.	X		
Make sure that all controls work and are not damaged.	X		
Keep the handles dry and clean. Make sure that there is no oil and grease on the handles.	X		
Make sure that the saw chain cover is not damaged. Replace the saw chain cover if it is damaged.	X		
Make sure that the screws and nuts are tight.	X		
Clean the oil tank cap	X		
Make sure that the battery release buttons on the battery works and locks the battery in the product.	X		
Examine that the battery charger is not damaged and function correctly.	X		
Make sure that the battery is not damaged.	X		
Make sure that the battery is charged.	X		
Make sure that the battery charger is not damaged.	X		

Maintenance	Daily	Weekly	Monthly
Examine all cables, couplings and connections. Make sure that there is no damage or dirt.		X	
Clean the saw chain cover.		X	
Examine the wear of the chain drive sprocket. Replace the chain drive sprocket after approximately 50 hours of operation or more frequently if it is necessary.		X	
Do a check of the connections between the battery and the product. Do a check of the connection between the battery and the battery charger.			X
Make sure that the saw head is not damaged. Replace the saw head if it is damaged.	An approved Husqvarna dealer must do all servicing on the saw head.		

To examine the battery and the battery charger

1. Examine the battery for damages, for example cracks.
2. Examine the battery charger for damages, for example cracks.
3. Make sure that the connection cord of the battery charger is not damaged and that there are no cracks in it.

To perform maintenance on the attachment

To check the saw chain

Do a check of the saw chain daily.

1. Make sure that there are no cracks in rivets and links. (Fig. 60)
2. Examine if the saw chain is rigid.
3. Compare the saw chain with a new saw chain to examine if the rivets and links are worn.
4. Replace the saw chain if it exhibits any of the conditions above.
5. Replace the saw chain when the length of the cutting teeth has worn down to only 4 mm (0.16 in.) (Fig. 61)

To examine the chain drive sprocket

1. Regularly do a check of the degree of wear on the chain drive sprocket. (Fig. 62)
2. Replace the chain drive sprocket if it is worn and moves from side to side on the motor axle.

To do a check of the guide bar

1. Make sure that the oil channel is not blocked. Clean if it is necessary. (Fig. 63)
2. Examine if there are burrs on the edges of the guide bar. Remove the burrs using a file. (Fig. 64)
3. Clean the groove in the guide bar. (Fig. 65)
4. Examine the groove in the guide bar for wear. Replace the guide bar if it is necessary. (Fig. 66)
5. Examine if the guide bar tip is rough or very worn. (Fig. 67)
6. Make sure that the bar tip sprocket turns freely and that the lubricating hole in the bar tip sprocket is not blocked. Clean and lubricate if it is necessary. (Fig. 68)
7. Turn the guide bar daily to extend its life cycle. (Fig. 69)

To sharpen the saw chain

Information about the guide bar and saw chain



WARNING: Use protective gloves when you use or do maintenance on the saw chain. A saw chain that does not move can also cause injuries.

Replace a worn or damaged guide bar or saw chain with the guide bar and saw chain combination recommended by Husqvarna. This is necessary to keep the safety functions of the product. Refer to *Accessories on page 32*, for a list of replacement bar and chain combinations that we recommend.

- Guide bar length, in/cm. Information about the guide bar length can usually be found on the rear end of the guide bar.

(Fig. 70)

- Number of teeth on bar tip sprocket (T).

(Fig. 71)

- Chain pitch, in. The distance between the drive links of the saw chain must align with the distance of the teeth on the bar tip sprocket and drive sprocket.

(Fig. 72)

- Number of drive links. The number of drive links is decided by the type of guide bar.

(Fig. 73)

- Bar groove width, in/mm. The groove width in guide bar must be the same as the chain drive links width.

(Fig. 74)

- Chain oil hole and hole for chain tensioner. The guide bar must align with product.

(Fig. 75)

- Drive link width, mm/in.

(Fig. 76)

General information about how to sharpen the cutting teeth

Do not use a blunt saw chain. If the saw chain is blunt, you must apply more pressure to push the guide bar through the wood. If the saw chain is very blunt, there will be no wood chips but sawdust.

A sharp saw chain eats through the wood and the wood chips becomes long and thick.

The cutting tooth (A) and the depth gauge (B) together makes the cutting part of the saw chain, the cutter. The difference in height between the two gives the cutting depth (depth gauge setting).

(Fig. 77)

When you sharpen a cutting tooth, think about the following:

- Filing angle.

(Fig. 78)

- Cutting angle.

(Fig. 79)

- File position.

(Fig. 80)

- Round file diameter.

(Fig. 81)

It is not easy to sharpen a saw chain correctly without the correct equipment. Use the recommended file gauge. This will help you to keep maximum cutting performance and the kickback risk at a minimum.



WARNING: The risk of kickback increases a lot if you do not follow the sharpening instructions.

Note: See *Accessories on page 32* for information about sharpening of the saw chain.

To sharpen the cutting teeth

1. Use a round file and a file gauge to sharpen the cutting teeth. (Fig. 82)

Note: See *Accessories on page 32* for information about which file and gauge that we recommend for your saw chain.

2. Make sure that the saw chain has the correct tension. A saw chain without the correct tension moves from side to side. This does not make it easy to sharpen the saw chain. See *To tension the chain on page 28* for instructions. (Fig. 83)
3. Move the file from the inner side of the cutting teeth and out. Decrease the pressure on the pull stroke. (Fig. 84)
4. Remove filing material on all teeth on one side first.
5. Turn the product around and remove filing material on the other side.
6. Make sure that the all cutting teeth become the same length when you remove filing material.
7. The saw chain is worn out when the cutting teeth is decreased to 4 mm (0.16"). Replace the saw chain. (Fig. 61)

General information about how to adjust the depth gauge setting

The depth gauge setting (C) decreases when you sharpen the cutting tooth (A). To keep maximum cutting performance you must remove filing material from the depth gauge (B) to receive the recommended depth gauge setting. See *Accessories on page 32* for instructions about how to receive the correct depth gauge setting for your saw chain.

(Fig. 85)



WARNING: The risk of kickback increases if the depth gauge setting is too large!

To adjust the depth gauge setting

Before you adjust the depth gauge setting or sharpen the cutting teeth, See *To sharpen the cutting teeth on page 27*, for instructions. We recommend you to adjust

the depth gauge setting after each third operation that you sharpen the cutting teeth.

Note: This recommendation applies only if the length of the cutting teeth does not decrease too much.

We recommend that you use our depth gauge tool to receive the correct depth gauge setting and bevel for the depth gauge.

(Fig. 86)

1. Use a flat file and a depth gauge tool to adjust the depth gauge setting. Only use the recommended depth gauge tool to receive the correct depth gauge setting and bevel for the depth gauge.
2. Put the depth gauge tool on the saw chain.

Note: See the package of the depth gauge tool for more information about how to use the tool.

3. Use the flat file to remove the part of the depth gauge that extends through the depth gauge tool. (Fig. 87)

Note: The depth gauge setting is correct when you do not feel resistance as you move the file along the depth gauge tool.

To tension the chain



WARNING: A saw chain with an incorrect tension can derail from the guide bar and cause serious injury or death.

A saw chain becomes longer when you use it. Adjust the saw chain regularly.

1. Loosen the bar nut that hold the clutch cover/chain brake. Use a wrench. (Fig. 88)
2. Tighten the bar nuts by hand as tightly as you can.
3. Lift the front of the guide bar and turn the chain tensioning screw. Use a wrench. (Fig. 89)
4. Tighten the saw chain until it is tight against the guide bar but still can move easily.
5. Tighten the bar nuts using the wrench and lift the front of the guide bar at the same time. (Fig. 90)
6. Make sure you can pull the saw chain around freely by hand and that it does not hang from the guide bar. (Fig. 91)

To lubricate the cutting equipment

Chain oil



WARNING: Poor lubrication of cutting equipment may cause the chain to snap, which could lead to serious, even fatal injuries.

- Chain oil must demonstrate good adhesion to the chain and also maintain its flow characteristics regardless of whether it is warm summer or cold winter weather.
- We have developed an optimal chain oil which, with its vegetable oil base, is also biodegradable. We recommend the use of our own oil for both maximum chain life and to minimize environmental damage.
- If our own chain oil is not available, standard chain oil is recommended.
- In areas where oil specifically for lubrication of saw chains is unavailable, ordinary EP 90 transmission oil may be used.
- **Never use waste oil!** This is dangerous for yourself, the machine and the environment.

To check the chain lubrication

1. Check the chain lubrication each time you refuel. Aim the tip of the bar at a light coloured surface about 20 cm (8 inches) away. After 1 minute running at 75% throttle you should see a distinct line of oil on the light surface. (Fig. 92)

To do a check if lubrication does not work

1. Check that the oil channel in the bar is not obstructed. Clean if necessary. (Fig. 93)
2. Check that the oil channel in the gear housing is clean. Clean if necessary.
3. Check that the bar tip sprocket turns freely. If the chain lubrication system is still not working after carrying out the above checks you should contact your service workshop. (Fig. 94)

To replace the chain drive sprocket

1. Remove the bar nut (A) that holds the clutch cover.
2. Remove the clutch cover (B).
3. Disassemble the screw (C).
4. Remove the washer (D).
5. Remove the disc spring (E)
6. Remove the chain drive sprocket (F). (Fig. 95)
7. Install a new chain drive sprocket.

To clean the product, the battery and the battery charger

1. Clean the product with a dry cloth after use.
2. Clean the battery and battery charger with a dry cloth. Keep the battery guide tracks clean.
3. Make sure that the terminals on the battery and the battery charger are clean before use.
4. Clean around the oil tank cap with a brush.
5. Clean the inner surface of the protective cover with a brush.

Troubleshooting

Keypad

Problem	Possible faults	Possible solution
Green start LED flashes.	Low battery voltage.	Charge the battery.
Red error LED flashes.	Overload.	The cutting attachment is blocked. Push the On/Off button to set the product to Off. Remove the battery. Clean the cutting attachment from unwanted materials. Loosen the chain.
	Temperature deviation.	Let the product become cool.
	The power trigger and the On/Off button are pushed at the same time.	Release the power trigger and push the On/Off button.
The product does not start.	Dirt in the battery connectors.	Clean the battery connectors with compressed air or a soft brush.
Red error LED comes on.	It is necessary to do servicing on the product.	Speak to your servicing dealer.

Battery

40-B220X ¹		
Symptoms	Cause	Action
The battery error indicator flashes.	The battery is empty.	Charge the battery.
	Heavy workload in combination with very low battery temperature.	Make the battery warm. For example, move it indoors or operate at low speed until the battery is warm.
	The battery does not operate. The operating range of the battery is at its limit.	Remove the battery from the product. Let the battery rest, and then push the battery indicator button.
The battery temperature indicator is ON.	The battery is too cold or too hot to use.	Keep the battery in an ambient temperature between -10°C (14°F) and 40°C (104°F). When the battery has the correct temperature, it can be used again.
The battery temperature indicator flashes.	The battery is near its temperature limits.	Decrease the speed and/or workload. Keep the battery in the preferred temperature between +10°C (50°F) and +30°C (86°F) for optimal performance.

¹ The troubleshooting may differ for other battery models. Refer to the operator's manual of the battery for information about how to use the battery. Only use Husqvarna approved batteries.

The battery temperature indicator is ON while the battery is in the charger.	Temperature deviation, the battery is too cold or too hot to charge.	Let the battery cool down or move it indoors to warm it up. When the battery has the correct temperature, it can be charged again. Make sure to use the charger where the ambient temperature is between 5°C (41°F) and 40°C (104°F). Keep the charger away from sunlight. If the problem continues, speak to your dealer.
The battery error indicator comes on.	The battery has a critical error.	Speak to your dealer.

Battery charger

40-C500X ²		
Symptoms	Possible faults	Possible procedure
The charging indicator on the charger is yellow. The battery error indicator flashes, or the battery temperature indicator is on.	Temperature deviation, the battery is too cold or too hot to use or charge.	If the battery is too hot, keep it connected to the charger. The built-in fan of the charger decreases the temperature of the battery. When the battery has the recommended temperature, the charging starts automatically. If the battery is too cold, move it indoors. When the battery has the recommended temperature, continue the charging. Obey the temperature range for operation, refer to the operator's manual of the battery charger. Keep the charger away from sunlight. If the problem continues, speak to your dealer.
The charging indicator on the charger is yellow. The battery error indicator on the battery is on.	The battery has a critical error.	Speak to your dealer.
The charging indicator on the charger is red.	The charger has a critical error.	Speak to your dealer.

Transportation, storage and disposal

Transportation and storage

Note: Variations in temperature can lead to pressure in the oil tank with temporary oil leakage as a result. Follow the storage instructions.

- **Clean the product and empty the oil tank before you put the product in storage.**
- **Put the product in a horizontal position or hung with the bar pointed down during storage.**

- **Do not put the product with the bar pointed up during storage.**
- The supplied Li-ion batteries obey the Dangerous Goods Legislation requirements.
- Obey the special requirement on package and labels for commercial transportation, including by third parties and forwarding agents.
- Speak to a person with special training in dangerous material before you send the product. Obey all applicable national regulations.

² The troubleshooting may differ for other battery charger models. Refer to the operator's manual of the battery charger for information about how to use the battery charger. Only use Husqvarna approved battery chargers.

- Use tape on open contacts when you put the battery in a package. Put the battery in the package tightly to prevent movement.
- Remove the battery for storage or transportation.
- Put the battery and the battery charger in a space that is dry and free from moisture and frost.
- Do not keep the battery in an area where static electricity can occur. Do not keep the battery in a metal box.
- Put the battery in storage where the temperature is between 5 °C (41 °F) and 25 °C (77 °F) and away from open sunlight.
- Put the battery charger in storage where the temperature is between 5 °C (41 °F) and 45 °C (113 °F) and away from open sunlight.
- Charge the battery 30% to 50% before you put it in storage for long periods.
- Put the battery charger in storage in a space that is closed and dry.
- Keep the battery away from the battery charger during storage. Do not let children and other not approved persons to touch the equipment. Keep the equipment in a space that you can lock.

- Use the transportation guard on the product to prevent injuries or damage on the product during transportation and storage.
- Attach the product safely during transportation.

Disposal

The symbol means that the product is not domestic waste. Recycle it through your local collection system for electrical and electronic equipment. This contributes to proper end of life waste management. Contact local authorities, domestic waste services, your dealer or retailer for information. Incorrect disposal may have potential negative effects on the environment and human health, due to the potential presence of hazardous substances.

(Fig. 20)

Note: The symbol shows on the product or package of the product.

Technical data

Technical data

	530iPX
Motor	
Motor type	BLDC (brushless) 36 V
Chain speed, m/s (3/8)	20
Oil tank capacity, l/cm ³	0.15/150
Weight	
Weight without battery, cutting attachments, cutting attachment cover, harness and with empty tank, kg	3.1
Water protection level	
IPX4 ³	Yes
Noise emissions ⁴	
Sound power level, measured dB(A)	100
Sound power level, guaranteed L _{WA} dB(A)	101

³ The Husqvarna Handheld Battery products marked with IPX4 fulfils these requirements on product approval level

⁴ Reported data for sound power level for the machine has a typical statistical dispersion (standard deviation) of 2 dB (A).

	530iPX
Sound levels ⁵	
Sound pressure level at the operator's ear, measured according to EN 62841-1, dB(A), min./max.:	96
Vibration levels ⁶	
Vibration levels at handles, measured according to EN 62841-1, m/s ² Equipped with chain clearance saw, left/right	1.2/2.6

Accessories

Approved batteries

Battery	BLi200	40-B220X
Type	Lithium-ion	Lithium-ion
Battery capacity, Ah	5.2	6.0
Nominal voltage, V	36	36
Weight, kg / lb	1.3/2.8	1.4/3.1

Approved battery chargers

Battery charger	QC330	QC500	40-C500X
Mains voltage, V	100-240	100-240	100-240
Frequency, Hz	50-60	50-60	50-60
Power, W	330	500	500

Guide bar and saw chain combinations

The following combinations are CE approved.

Guide bar			Saw chain		
Length, in	Pitch, in	Gauge, mm	Type	Length, drive links, no.	Low kickback
10	3/8	1.3	Husqvarna H37	40	Yes
10	3/8 mini	1.3	Husqvarna S93G	40	Yes

⁵ Reported data for sound pressure level for the machine has a typical statistical dispersion (standard deviation) of 1 dB (A).

⁶ Reported data for vibration level has a typical statistical dispersion (standard deviation) of 2 m/s².

Saw chain filing and file gauge

Use the recommended file gauge to get the correct filing angles. We recommend you to always use the recommended file gauge to restore the sharpness of the saw chain.

If you do not know which saw chain you have on your product, speak to your servicing dealer.

(Fig. 96)	(Fig. 97)	(Fig. 98)	(Fig. 99)	(Fig. 100)	(Fig. 101)	(Fig. 102)	(Fig. 103)
	mm/in				mm/in		
37	4.0 / 5/32	80°	30°	0°	0.65/0.025	5056981-03	5806875-01
S93G	4.0 / 5/32	60°	30°	0°	0.65/0.025	n/a	5966389-02

Declaration of Conformity

EU Declaration of Conformity

We, **Husqvarna AB**, SE-561 82 Huskvarna, Sweden,
tel: +46-36-146500, declare on our sole responsibility
that the product:

Description	Battery-operated Pole Pruner
Brand	Husqvarna
Type / Model	530iPX
Identification	Serial numbers dating from 2021 and onwards

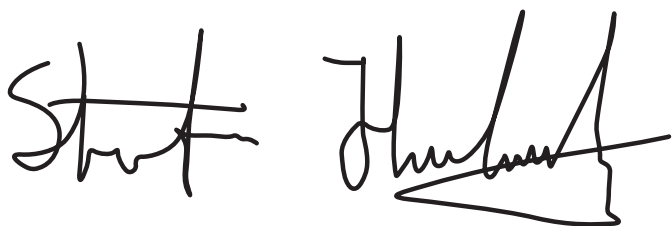
is in conformity with the following EU directives and
regulations as amended:

Regulation	Description
2006/42/EC	"relating to machinery"
2014/30/EU	"relating to electromagnetic compability"
2011/65/EU	"relating to restriction of hazardous substances"

and that the following standards and/or technical
specifications are applied: EN 62841-1:2015, EN
ISO 11680-1:2011, EN ISO 14982:2009, EN IEC
63000:2018.

Notified body: 0404, SMP Svensk Maskinprovning AB,
Box 4053, SE-904 03 Umeå, Sweden has carried out
EC type examination in accordance with the machinery
directive's (2006/42/EC) article 12, clause 3b. The
certificate number is 0404/19/2529.

Huskvarna, 2023-09-10



Stefan Holmberg, R&D Director, Technology
Management, Husqvarna AB

Responsible for technical documentation

