

Operator's manual

536LiPX



Please read the operator's manual carefully and make sure you understand the instructions before using the machine.

English

KEY TO SYMBOLS

Symbols on the machine:

Translation of the original Swedish operating instruction.

WARNING! A chain clearing saw is a dangerous tool if used carelessly or incorrectly and can cause serious, even fatal injuries. It is extremely important that you read and understand the contents of this Operator's Manual. Please read the operator's manual carefully and make sure you understand the instructions before using the machine.

Always wear:

- A protective helmet where there is a risk of falling objects
- Approved hearing protection
- Approved eye protection

This product is in accordance with applicable EC directives.

The operator of the machine must ensure, while working, that no persons or animals come closer than 15 meters.

Always wear approved protective gloves.

Wear sturdy, non-slip boots.

Symbols on the product or its packaging indicate that this product cannot be handled as domestic waste. This product must be deposited at an appropriate recycling facility. (Applies to Europe only)

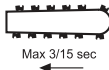
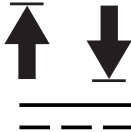
Arrows which show limits for handle positioning.

Direct current.

Keep all parts of your body away from the hot surfaces.

Chain oil fill.

Direction of rotation of the saw chain, running time/idling.



Symbols on the battery and/or on the battery charger:

This product must be deposited at an appropriate recycling facility. (Applies to Europe only)



Fail-safe transformer



Use and store battery charger only indoors.



Double insulation



Other symbols/decals on the machine refer to special certification requirements for certain markets.

Symbols in the operator's manual:

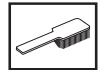
The machine is turned on and off by pressing the on and stop button. Always remove the battery to prevent the machine being started by accident.



Always wear approved protective gloves.



Regular cleaning is required.



Visual check.

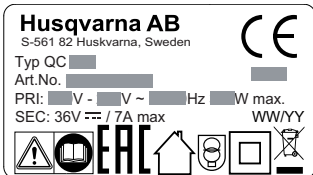
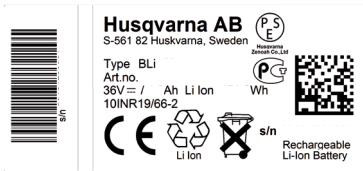
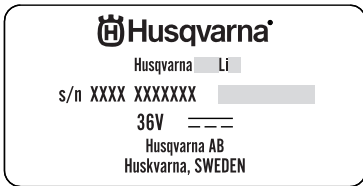


Remove the battery. **IMPORTANT!** Always remove the battery to prevent the machine being started by accident.



KEY TO SYMBOLS

The following symbols and decals can be found on your chain clearing saw, battery and battery charger:



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Note the following before starting:

Please read the operator's manual carefully.



WARNING! Long-term exposure to noise can result in permanent hearing impairment. Always use hearing protection.



WARNING! Under no circumstances may the design of the machine 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 or others.



WARNING! A chain clearing saw is a dangerous tool if used carelessly or incorrectly and can cause serious, even fatal injuries. It is extremely important that you read and understand the contents of this Operator's Manual.

INTRODUCTION

Dear Customer,

Congratulations on your choice to buy a Husqvarna product! Husqvarna is based on a tradition that dates back to 1689, when the Swedish King Karl XI ordered the construction of a factory on the banks of the Husqvarna River, for production of muskets. The location was logical, since water power was harnessed from the Huskvarna River to create the water-powered plant. During the more than 300 years in existence, the Husqvarna factory has produced a lot of different products, from wood stoves to modern kitchen appliances, sewing machines, bicycles, motorcycles etc. In 1956, the first motor driven lawn mowers appeared, followed by chain saws in 1959, and it is within this area Husqvarna is working today.

Today Husqvarna is one of the leading manufacturers in the world of forest and garden products, with quality as our highest priority. The business concept is to develop, manufacture and market motor-driven products for forestry and gardening, as well as for the building and construction industry. Husqvarna's aim is also to be at the front edge for ergonomics, usability, security and environmental protection. That is the reason why we have developed many different features to add to our products within these areas.

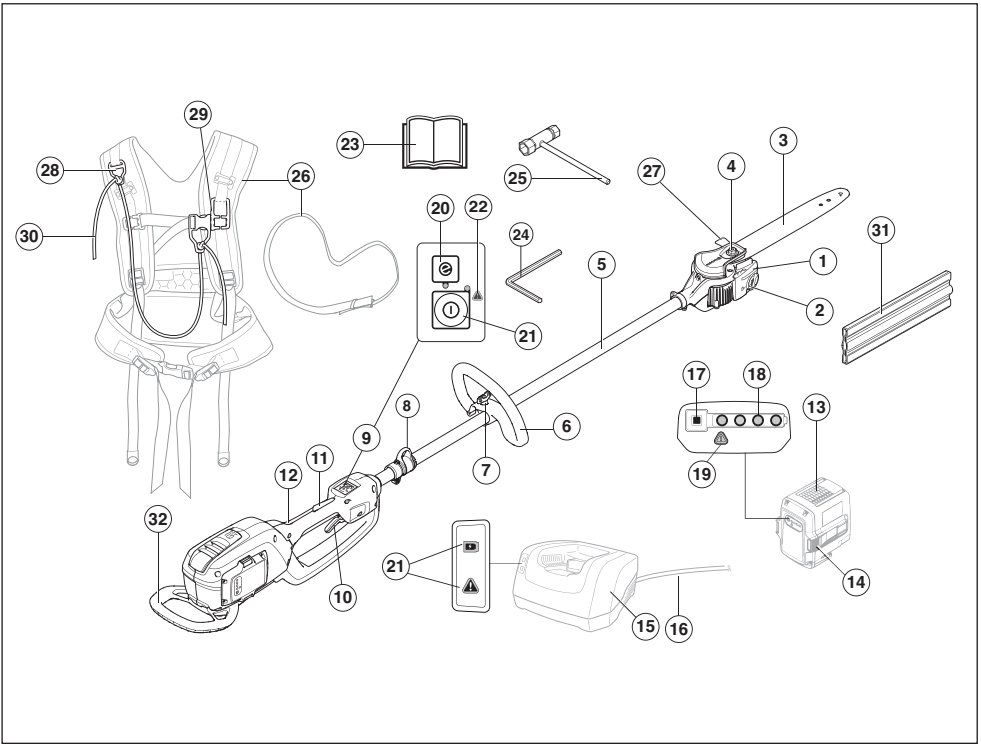
We are convinced that you will appreciate with great satisfaction the quality and performance of our product for a very long time to come. The purchase of one of our products gives you access to professional help with repairs and service whenever this may be necessary. If the retailer who sells your machine is not one of our authorised dealers, ask for the address of your nearest service workshop.

It is our wish that you will be satisfied with your product and that it will be your companion for a long time. Think of this operator's manual as a valuable document. By following its content (usage, service, maintenance, etc), the life span and the second-hand value of the machine can be extended. If you sell this machine, make sure that the operator's manual is passed on to the buyer.

Thank you for using a Husqvarna product.

Husqvarna AB has a policy of continuous product development and therefore reserves the right to modify the design and appearance of products without prior notice.

WHAT IS WHAT?



What is what?

- | | |
|--------------------------------|---|
| 1 Saw head | 17 Battery indicator button |
| 2 Chain oil tank | 18 Battery status |
| 3 Guide bar | 19 Warning indicator (ERROR LED) |
| 4 Bar nut | 20 SavE button |
| 5 Shaft | 21 Activate and deactivate button |
| 6 Loop handle | 22 Power on and warning indicator (ERROR LED) |
| 7 Handle adjustment | 23 Operator's manual |
| 8 Harness support hook | 24 4 mm hex key |
| 9 Keypad | 25 Combination spanner |
| 10 Power trigger | 26 Harness (Accessory) |
| 11 Power trigger lockout | 27 Branch hook |
| 12 Rear handle | 28 Attachment eye, carrying strap |
| 13 Battery (Accessory) | 29 Attachment eye, chest strap |
| 14 Battery release buttons | 30 Elastic cord |
| 15 Battery charger (Accessory) | 31 Transport guard, bar |
| 16 Cord | 32 Impact guard |

GENERAL SAFETY PRECAUTIONS

General power tool safety warnings

Please read the operator's manual carefully and make sure you understand the instructions before using the machine.

The machine is only designed for cutting branches and twigs.

Always remove the battery to prevent the machine being started by accident.



WARNING! Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

IMPORTANT!

Save all warnings and instructions for future reference. The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

Work area safety

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

Personal safety

- **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools 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 tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- **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.

- **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- **Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves 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.
- The vibration emission during actual use of the power tool can differ from the declared total value depending on the ways in which the tool 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 tool is switched off and when it is running idle in addition to the trigger).

Power tool use and care

- **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.
- **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- **Disconnect the plug from the power source and/or the battery pack 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.
- **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.
- **Maintain power tools. 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 caused by poorly maintained power tools.
- **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- **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.

GENERAL SAFETY PRECAUTIONS

Battery tool 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 power tools 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.

Service

- **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.

Brush chainsaw safety warnings - personal safety

- **Keep all body parts away from the saw chain when using the brush saw. Before starting the brush saw, make sure the saw chain is not touching anything.** Just one moment of carelessness when in use can lead to your clothes and parts of your body becoming entangled in the saw chain.
- **Always hold the brush saw in your right hand on the rear handle and your left hand on the front handle.** Holding the brush saw with the opposite hand configuration increases the risk of personal injury and is forbidden.
- **Hold the power tool by insulated gripping surface only, because the saw chain may contact hidden wiring or its own cord.** Saw chain contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
- **Do not use the brush saw in trees.** Using the brush saw while in a tree may result in personal injury.
- **Wear safety glasses and hearing protection. Further protective equipment for head, hands, legs and feet is recommended.** Adequate protective clothing will reduce personal injury by flying debris or accidental contact with the saw chain.
- **Always stand in a stable position and use the brush saw only when standing on solid, safe and even surfaces.** Slippery or instable surfaces such as ladders can make you lose balance or control of the brush saw.

- **Look out for spring back when cutting branches that are under tension.** Once the tension in the wood fibers is released, the branch can hit the operator and/or throw the brush saw out of control.
- **Use extreme caution when cutting brush and saplings.** The slender material may catch the saw chain and be whipped forward toward you or pull you off balance.
- **Carry the brush saw by the front handle and with the saw shut down and turned away from your body. Always fit the bar guard during transport and storage of the brush saw.** Correct handling of the brush saw reduces the risk of inadvertent contact with the saw chain.
- **Follow instruction for lubricating, chain tensioning and changing accessories.** Improperly tensioned or lubricated saw chain may either brake or increase the chance of kickback.
- **Keep handles dry, clean and free from oil and grease.** Greasy, oily handles are slippery causing loss of control.
- **Saw only in wood. Do not use the brush saw for anything it is not intended for. For example, do not use the brush saw to saw in plastic, brick or building materials not made of wood.** Using the brush saw for anything it is not intended for can result in dangerous situations.

Causes and operator prevention of kickback

Kickback can occur when the nose or tip of the bar touches an object, or when the wood comes close and jams the saw chain when sawing. Contact with the guide bar tip can in some cases cause a sudden reverse reaction and kickback of the guide bar towards the operator. Jamming the saw chain along the top of the guide bar can press it rapidly back towards the operator. These reactions can make you lose control of the brush saw that may result in serious personal injury. Do not rely only on the safety functions that are integrated in the brush saw. As a brush saw operator, you should take several steps to maintain your saw job free from accidents and injuries. Kickback is the result of incorrect use of the tool and/or incorrect operator procedures and can be avoided by taking the correct safety measure as described below.

- **Maintain a firm grip, with thumbs and fingers around the brush saw handle, with both hands on the handles. Position your body and your arms so that you can stand against any kickbacks.** The power of kickbacks can be controlled by the operator if the correct precautions are taken. Do not let go of the brush saw.
- **Do not stretch too far and do not saw above shoulder height.** This will help to prevent inadvertent tip contact and give better control of the brush saw in unexpected situations.

GENERAL SAFETY PRECAUTIONS

- **Only use replacement bars and chains specified by the manufacturer.** Incorrect replacement bars and chains may cause chain breakage and/or kickback.
- **Follow the manufacturer's sharpening and maintenance instructions for the saw chain.** Decreasing the depth gauge height can lead to increased kickback.

IMPORTANT!

Always remove the battery before any maintenance on the machine.

National or local regulations may regulate the use. Comply to given regulations.

Children should be supervised to ensure that they do not play with the appliance.

Store the machine out of reach of children. Never allow children or other persons not trained in the use of the machine and/or the battery to use or service it. Local laws may regulate the age of the user.

Never use a machine that has been modified in any way from its original specification.

Wear personal protective equipment. See instructions under the "Personal protective equipment" heading.

The operator of the machine must ensure, while working, that no persons or animals come closer than 15 meters.

Never use the machine in bad weather, for instance in fog, in rain, strong winds, intense cold, etc. Extremely hot weather may cause overheating of the machine.

Never use a machine that is faulty. Carry out the safety checks, maintenance and service instructions described in this manual. Some maintenance and service measures must be carried out by trained and qualified specialists. See instructions under the Maintenance heading.

Carry out an overall inspection of the machine before use. See the maintenance schedule.



WARNING! This machine produces an electromagnetic field during operation. This field may under some circumstances interfere with active or passive medical implants. To reduce the risk of serious or fatal injury, we recommend persons with medical implants to consult their physician and the medical implant manufacturer before operating this machine.



WARNING! Never allow children to use or be in the vicinity of the machine. Since the machine 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. Therefore disconnect the battery when the machine is not under close supervision.

Personal protective equipment

IMPORTANT!

A pole saw is a dangerous tool if used carelessly or incorrectly and can cause serious, even fatal injuries. It is extremely important that you read and understand the contents of this Operator's Manual.

You must use approved personal protective equipment whenever you use the machine. Personal protective equipment cannot eliminate the risk of injury but it will reduce the degree of injury if an accident does happen. Ask your dealer for help in choosing the right equipment.



WARNING! Listen out for warning signals or shouts when you are wearing hearing protection. Always remove your hearing protection as soon as the engine stops.

PROTECTIVE HELMET AND VISOR

Wear a protective helmet where there is a risk of falling objects



HEARING PROTECTION

Wear hearing protection that provides adequate noise reduction.



EYE PROTECTION

Always wear approved eye protection. If you use a visor then you must also wear approved protective goggles. Approved protective goggles must comply with the ANSI Z87.1 standard in the USA or EN 166 in EU countries.



GENERAL SAFETY PRECAUTIONS

GLOVES

Gloves should be worn when necessary, e.g. when fitting cutting attachments.



BOOTS

Wear sturdy, non-slip boots or shoes.



TROUSERS

Use trousers with saw protection.



CLOTHING

Wear clothes made of a strong fabric and avoid loose clothing that can catch on twigs and branches. Always wear heavy, long pants. Do not wear jewellery, shorts sandals or go barefoot. Secure hair so it is above shoulder level.

FIRST AID KIT

Always have a first aid kit nearby.



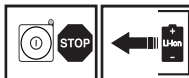
Battery and battery charger

This section describes the battery and battery charger safety for your battery product.

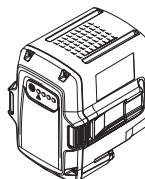
Only use Husqvarna original batteries for Husqvarna products and only charge them in an original battery QC charger from Husqvarna. The batteries are software encrypted.

Use only a Husqvarna original BLi battery in your machine.

Battery safety



The rechargeable Husqvarna batteries, BLi, are exclusively used as a power supply for the relevant Husqvarna cordless appliances. To avoid injury, the battery must not be used as a power source for other devices.



WARNING! Protect the battery from direct sunlight, heat or open flame. There is a risk the battery may explode if it is thrown into an open fire. There is a risk of burns and/or chemical burns.



WARNING! Avoid all skin contact with battery acid. Battery acid may cause skin irritation, burns or corrosive injuries. If you get acid in your eyes, do not rub but flush your eyes with plenty of water for at least 15 minutes. See a doctor. You must wash any exposed skin with copious amounts of water and soap in case of incidental contact.



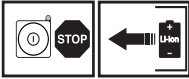
WARNING! Never connect the battery terminals to keys, coins, screws or other metal as this may short-circuit the battery. Never insert objects into the battery's air vents.

Unused batteries must be kept away from metal objects such as nails, coins, jewellery. Do not try to disassemble or crush the battery

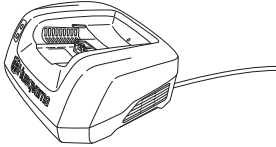
- Use the battery in surroundings where temperatures are between -10°C and 40°C .
- Do not expose the battery to microwaves or high pressure.
- Never clean the battery or the battery charger with water. See instructions under the Maintenance heading.
- Store the battery out of reach of children.
- Protect the battery from rain and wet conditions.

GENERAL SAFETY PRECAUTIONS

Battery charger safety



Only use Chargers, Husqvarna QC, for charging the Husqvarna replacement batteries, BLi.



WARNING! Minimise the risk of electric shock or short circuit as follows:

Never insert any object into the charger's cooling slots.

Do not try to dismantle the battery charger.

Never connect the charger terminals to metal objects as this can short circuit the battery charger.

Use approved and intact wall sockets.

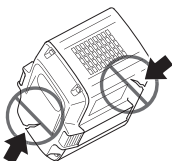


WARNING! Do not use the battery charger close to corrosive or flammable materials. Do not cover the battery charger. Pull out the plug to the battery charger in the event of smoke or fire. Remember the risk of fire.

- Regularly check that the battery charger connection wire is intact and that there are no cracks in it.
- Never carry the battery charger using the cord and never pull out the plug by pulling the cord.
- Keep all cables and extension leads away from water, oil and sharp edges. Make sure the cable is not jammed in doors, fences or the like. Otherwise it can cause the charger to become live. Inspect extensions cords periodically and replace if damaged.

Do not use:

- a faulty or damaged battery charger or never use a faulty, damaged or deformed battery.



Do not charge:

- non-rechargeable batteries in the battery charger or use them in the machine.
- the battery in the battery charger outdoors.
- the battery in the rain or in wet conditions.
- the battery in direct sunlight.

Use the battery charger only when the surrounding temperature is between 5 °C and 40 °C. Use the charger in an environment which is well ventilated, dry and free from dust.

Machine's safety equipment

This section describes the machine's safety equipment, its purpose, and how checks and maintenance should be carried out to ensure that it operates correctly. See the "What is what?" section to locate where this equipment is positioned on your machine.

The life span or the runtime of the machine can be reduced and the risk of accidents can increase if machine maintenance is not carried out correctly and if service and/or repairs are not carried out professionally. If you need further information please contact your nearest service workshop.

IMPORTANT!

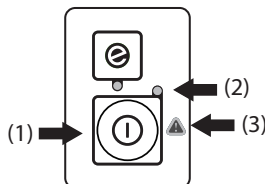
All servicing and repair work on the machine requires special training. This is especially true of the machine's safety equipment. If your machine fails any of the checks described below you must contact your service agent. When you buy any of our products we guarantee the availability of professional repairs and service. If the retailer who sells your machine is not a servicing dealer, ask him for the address of your nearest service agent.



WARNING! Never use a machine with faulty safety equipment. The machine's safety equipment must be checked and maintained as described in this section. If your machine fails any of these checks contact your service agent to get it repaired.

Control panel

Make sure the machine is switched on or off when the activate/deactivate button (1) is pressed and held (>1 sec.). The green LED (2) is lit or turned off.



GENERAL SAFETY PRECAUTIONS

Flashing warning indicator (3) and green LED (2) is lit could indicate that:

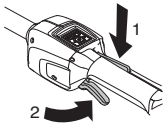
- it is not possible to apply full power and, at the same time, activate the machine. Release the power trigger and the machine is active.
- the machine is blocked. Deactivate the machine. Remove the battery from the machine. Pull the pole saw away from the kerf while lifting the branch.
- the machine is overloaded due to heavy trimming. Release the power trigger and the machine is active.

If the warning symbol (3) flashes, it indicates that the machine is too hot and the machine deactivates. When the machine is restored to normal temperature it is again ready to run and you can activate the machine.

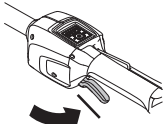
Solid red warning light (3) indicates service.

Power trigger lockout

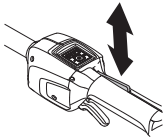
The power trigger lockout is designed to prevent accidental operation of the power trigger. When you press the lock (1) (i.e. when you grasp the handle) it releases the power trigger (2). When you release the handle the power trigger and the power trigger lockout both move back to their original positions. This movement is controlled by two independent return springs.



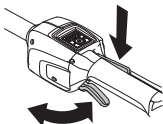
Make sure the power trigger is locked when the power trigger lock is in its original position.



Press the power trigger and make sure it returns to its original position when you release it.



Check that the power trigger and the power trigger lockout move freely and that the return spring works properly.

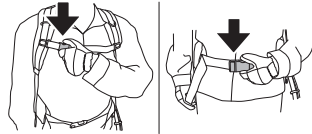


See instructions under the heading Start. Start the machine and apply full power. Release the power trigger and check that the cutting attachment stops and remain at a standstill.

Harness, quick release

Check that the harness is not damaged.

In an emergency situation, release yourself from machine and harness according to the following method.



Cutting attachment guard

Always use the recommended guard for the cutting attachment you are using. See chapter on Technical data.



WARNING! Never use a cutting attachment without an approved guard. See the chapter on Technical data. If an incorrect or faulty guard is fitted this can cause serious personal injury.



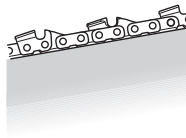
WARNING! This machine is renowned for its low vibration load. Overexposure to vibration can lead to circulatory damage or nerve damage in people who have impaired circulation. Contact your doctor if you experience symptoms of overexposure to vibration. These symptoms include numbness, loss of feeling, tingling, pricking, pain, loss of strength, changes in skin colour or condition. These symptoms normally appear in the fingers, hands or wrists.

Cutting equipment



This section describes how you can achieve maximum clearing capacity and extend the life of the cutting attachment through correct maintenance and using the right type of cutting attachment.

- **Only use cutting equipment recommended by us!**

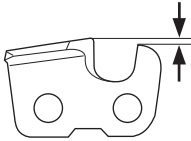


- **Keep the chain's cutting teeth properly sharpened! Follow our instructions and use the recommended file gauge.** A damaged or badly sharpened chain increases the risk of accidents.



GENERAL SAFETY PRECAUTIONS

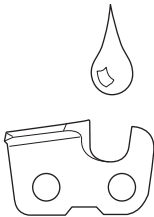
- **Maintain the correct raker clearance! Follow our instructions and use the recommended raker gauge.** Too large a clearance increases the risk of kickback.



- **Keep the chain properly tensioned!** If the chain is slack it is more likely to jump off and lead to increased wear on the bar, chain and drive sprocket.



- **Keep cutting equipment well lubricated and properly maintained!** A poorly lubricated chain is more likely to break and lead to increased wear on the bar, chain and drive sprocket.



WARNING! Never use a machine with faulty safety equipment. The machine's safety equipment must be checked and maintained as described in this section. If your machine fails any of these checks contact your service agent to get it repaired.



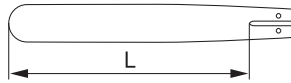
WARNING! Always remove the battery to prevent the machine being started by accident. Make sure that the cutting attachment has stopped completely before you start to do any work on the machine.

Specification of bar and saw chain

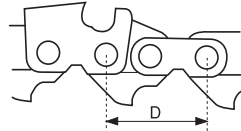
When the cutting attachment supplied with your machine has to be replaced, because it is worn out or damaged, you must only fit the types of bar and saw chain recommended by us.

Guide bar

- Length (inches/cm)

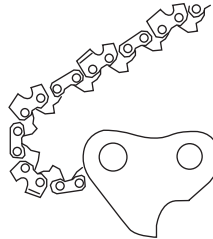


- Chain pitch (inches). The spacing between the drive links of the chain must match the spacing of the teeth on the bar tip sprocket and drive sprocket.

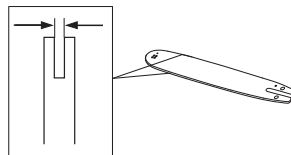


$$\text{PITCH} = \frac{D}{2}$$

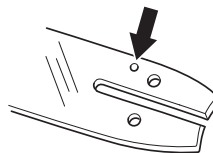
- Number of drive links. The number of drive links is determined by the length of the bar, the chain pitch and the number of teeth on the bar tip sprocket.



- Bar groove width (inches/mm). The groove in the bar must match the width of the chain drive links.



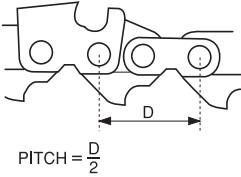
- Lubrication hole and hole for the chain tensioner.



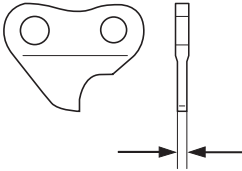
GENERAL SAFETY PRECAUTIONS

Saw chain

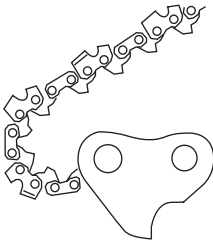
- Saw chain pitch (inches). (The distance between three drive links, divided by two.)



- Drive link width (mm/inches)



- Number of drive links.



Sharpening your chain and adjusting raker clearance



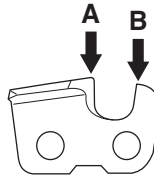
WARNING! The risk of kickback is increased with a badly sharpened chain!

General information on sharpening cutting teeth



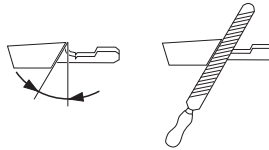
- Never use a blunt chain. When the chain is blunt you have to exert more pressure to force the bar through the wood and the cuttings will be very small. If the chain is very blunt it will not produce any cuttings at all. Wood powder would be the only result.
- A sharp chain eats its way through the wood and produces long, thick cuttings.
- The cutting part of the chain is called the cutting link and this consists of a cutting tooth (A) and the raker lip

(B). The cutting depth is determined by the difference in height between the two.

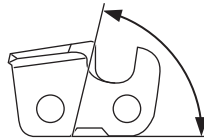


- When you sharpen a cutting tooth there are four important factors to remember.

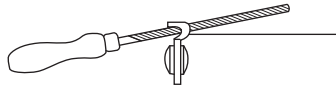
- Filing angle



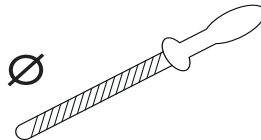
- Cutting angle



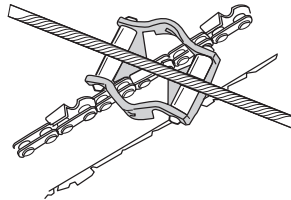
- File position



- Round file diameter



It is very difficult to sharpen a chain correctly without the right equipment. We recommend that you use our file gauge. This will help you obtain the maximum kickback reduction and cutting performance from your chain.



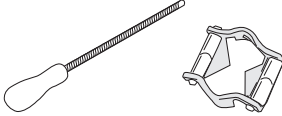
WARNING! Departure from the sharpening instructions considerably increases the risk of kickback.

GENERAL SAFETY PRECAUTIONS

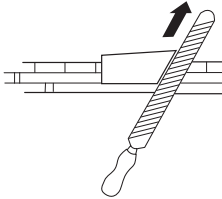
Sharpening cutting teeth



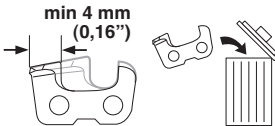
To sharpen cutting teeth you will need a round file and a file gauge.



- Check that the chain is correctly tensioned. A slack chain will move sideways, making it more difficult to sharpen correctly.
- Always file cutting teeth from the inside face outwards. Reduce the pressure on the return stroke. File all the teeth on one side of the bar first. Then turn the saw over and file the remaining teeth from the other side.



- File all the teeth to the same length. When the length of the cutting teeth is reduced to 4 mm (5/32") the chain is worn out and should be replaced.



General advice on setting raker clearance

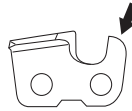


- When you sharpen the cutting teeth you reduce the raker clearance (=cutting depth). To maintain optimal cutting performance you must file back the raker lip to the recommended height.

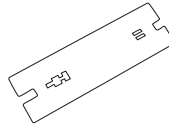


- On a low-kickback cutting link the front edge of the raker lip is rounded. It is very important that you

maintain this radius or bevel when you adjust the raker clearance.

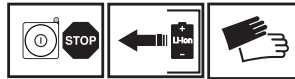


- We recommend that you use our raker gauge to achieve the correct clearance and bevel on the raker lip.



WARNING! The risk of kickback is increased if the raker clearance is too large!

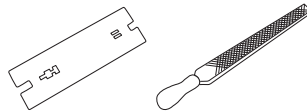
Setting the raker clearance



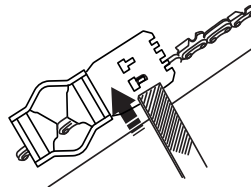
- Before setting the raker clearance the cutting teeth should be newly sharpened.

We recommend that you adjust the raker clearance every third time you sharpen the chain. NOTE! This recommendation assumes that the length of the cutting teeth is not reduced excessively.

- To adjust the raker clearance you will need a flat file and a raker gauge.

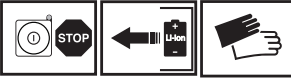


- Place the gauge over the raker lip.
- Place the file over the part of the lip that protrudes through the gauge and file off the excess. The clearance is correct when you no longer feel any resistance as you draw the file over the gauge.



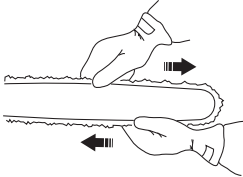
GENERAL SAFETY PRECAUTIONS

Tensioning the chain

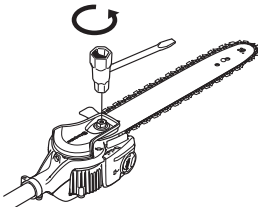


WARNING! A slack chain may jump off and cause serious or even fatal injury.

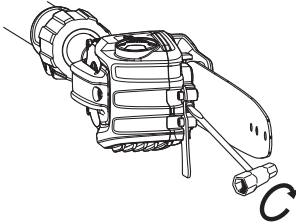
- The more you use a chain the longer it becomes. It is therefore important to adjust the chain regularly to take up the slack.
- Check the chain tension every time you refuel. **NOTE!** A new chain has a running-in period during which you should check the tension more frequently.
- Tension the chain as tightly as possible, but not so tight that you cannot pull it round freely by hand.



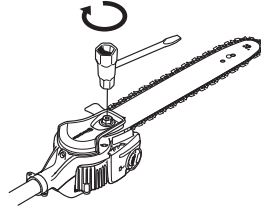
- Undo the bar nut.



- Tension the chain by turning the chain tensioning screw clockwise using the combination spanner. The chain should be tensioned until it does not sag from the underside of the bar.



- Tighten the bar nut using the combination spanner. Check that the chain can be pulled round easily by hand.



Lubricating cutting equipment



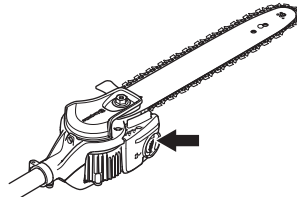
WARNING! Poor lubrication of cutting equipment may cause the chain to snap, which could lead to serious, even fatal injuries.

Chain oil

- 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.
- As a chain saw manufacturer 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 minimise 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.

Filling with chain oil

Fill with oil once an hour or when the battery is dead.

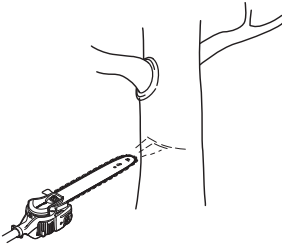


Checking chain lubrication

- 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 3/4

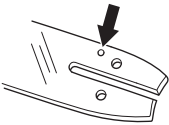
GENERAL SAFETY PRECAUTIONS

throttle you should see a distinct line of oil on the light surface.

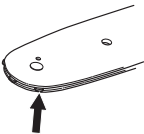


What to do if lubrication does not work:

- Check that the oil channels in the bar are not obstructed. Clean if necessary.

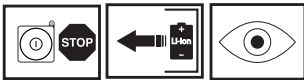


- Check that the oil channel in the gear housing is clean. Clean if necessary.
- Check that the bar tip sprocket turns freely. If the chain lubrication system is still not working after carrying out the above checks you should contact your service workshop.



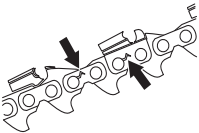
Checking wear on cutting equipment

Saw chain



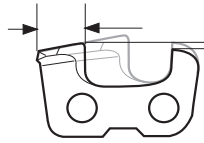
Check the chain daily for:

- Visible cracks in rivets and links.
- Whether the chain is stiff.
- Whether rivets and links are badly worn.

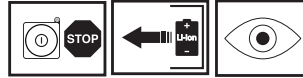


We recommend you compare the existing chain with a new chain to decide how badly the existing chain is worn.

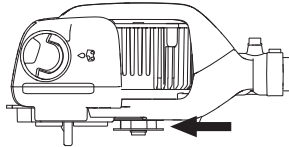
When the length of the cutting teeth has worn down to only 4 mm the chain must be replaced.



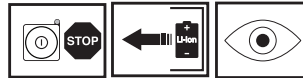
Chain drive sprocket



Regularly check the degree of wear on the drive sprocket. Replace if wear is excessive.

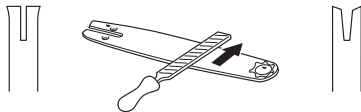


Guide bar

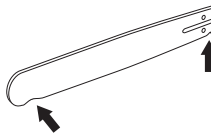


Check regularly:

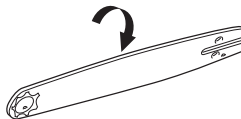
- Whether there are burrs on the edges of the bar. Remove these with a file if necessary.



- If the guide bar is abnormally worn or can be turned an abnormal amount back and forth on the shaft. Replace the bar if necessary.
- Whether the tip of the bar is uneven or badly worn. If a hollow forms on the underside of the bar tip this is due to running with a slack chain.



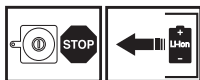
- To prolong the life of the bar you should turn it over daily.



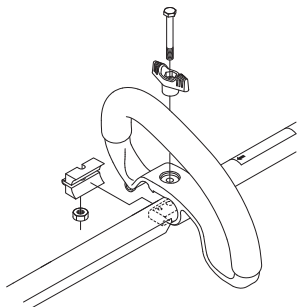
WARNING! A faulty cutting attachment may increase the risk of accidents.

ASSEMBLY

Fitting the loop handle



- Clip the loop handle onto the shaft. Note that the loop handle must be fitted between the arrows on the shaft.

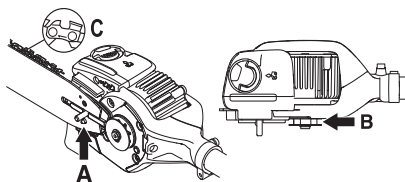


- Slide the spacer into the slot in the loop handle.
- Fit the nut, knob and screw. Do not overtighten.
- Now adjust the chain clearing saw to give a comfortable working position. Tighten the bolt/knob.

Fitting the bar and chain

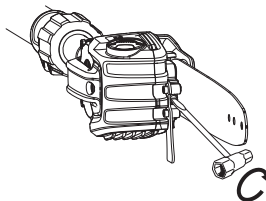


- Unscrew the bar nut and remove the protective cover.
- Fit the bar over the bar bolt. Place the bar in its rearmost position. Place the chain over the drive sprocket and in the groove on the bar. Begin on the top side of the bar.
- Make sure that the edges of the cutting links are facing forward on the top edge of the bar.
- Fit the cover and locate the chain adjuster pin (A) in the hole in the bar. Check that the drive links of the chain fit correctly on the drive sprocket (B) and that the chain is in the groove in the bar (C). Tighten the bar nut finger-tight.

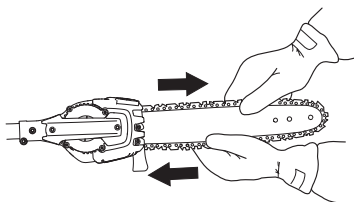


- Tension the chain by turning the chain tensioning screw clockwise using the combination spanner. The

chain should be tensioned until it does not sag from the underside of the bar.



- The chain is correctly tensioned when there is no slack on the underside of the bar, and it can still be turned easily by hand. Tighten the bar nut with the combination spanner while holding up the tip of the bar.

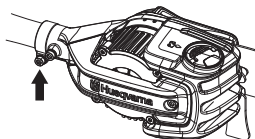


When fitting a new chain, the chain tension has to be checked frequently until the chain is run-in. Check the chain tension regularly. A correctly tensioned chain ensures good cutting performance and long life.

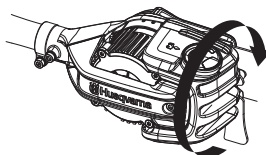
Rotating the saw head



- Loosen the lock screw.



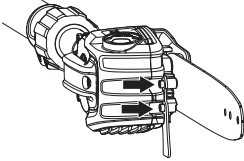
- Turn the saw head 90° and secure the head with the screw.



ASSEMBLY

Assembling the branch hook

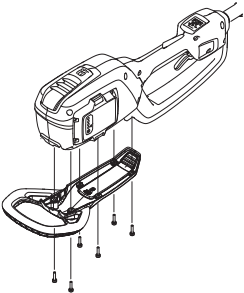
Assemble the twig guard with the two screws.



Dismantling the shock guard

(Dismantle if necessary)

- Dismantle the shock guard by unscrewing the screws.



- Assemble the shock guard using the screws.

Harness (Accessory)

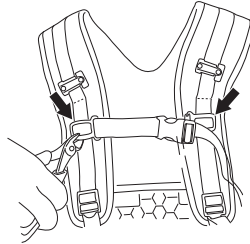
Single harness

- Adjust the length of the harness so that the support hook is roughly level with your right hip.

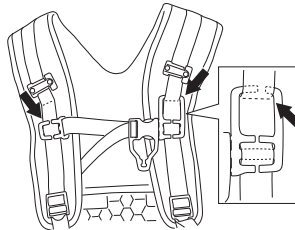


Assembling the harness to the backpack battery

- Remove the breast strap attachments to the harness with a pair of nippers or the like.



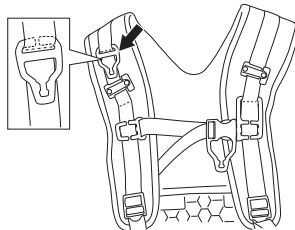
- Insert the new breast strap into the harness carry strap. Start with the lower part first and then the upper part of the attachment.



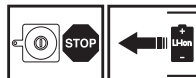
NOTE!

Make sure the breast strap attachment is above the seam on the carry strap.

- Continue with the attachment eye on the carry strap.



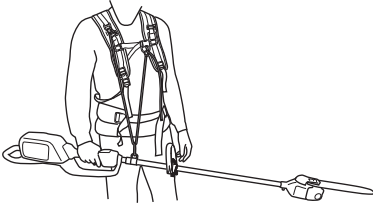
Adjusting the harness



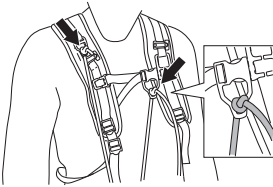
You should always use the harness with the machine to give maximum control over the machine and reduce the risk of fatigue in your arms and back. The product, including battery and cutting equipment, with harness is correctly balanced when your arm is lightly bent and the

ASSEMBLY

rig with the saw head is inclined slightly forward and somewhat towards the ground.



- Put on the harness.
- Tie a knot in the elastic cord and fasten it to the attachment eye on the carry strap.
- Tie a knot in the elastic cord to find the correct balance and fasten the cord to the attachment on the breast strap.



- Hook the harness onto the suspension loop.
- Cut off the elastic cord. Be sure to maintain a certain adjustment length on the elastic cord. Melt together the cord.



WARNING! Take great care. Heat can cause burn injuries and material damage.

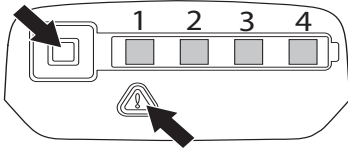
Make sure the battery cable is fastened with Velcro® strip in the shock guard in order to avoid getting the cable fastening on twigs.



BATTERY HANDLING

Battery

The display shows the battery capacity and if there are any problems with the battery. The battery capacity is displayed for 5 seconds after the machine is switched off or the battery indicator button is pressed. The warning symbol on the battery is lit when an error has occurred. See fault codes.



LED lights	Battery status
All LEDs are lit	Fully charged (75-100%).
LED 1, LED 2, LED 3 are lit.	The battery is 50%-75% charged.
LED 1, LED 2 are lit.	The battery is 25%-50% charged.
LED 1 is lit.	The battery is 0%-25% charged.
LED 1 flashes.	The battery is empty. Charge the battery.

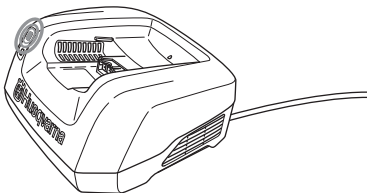
Battery charger



WARNING! Risk of electric shock and short circuiting. Use approved and intact wall sockets. Make sure that the cable is not damaged. Replace cable if it appears to be damaged in any way.

Connect the battery charger

- Connect the battery charger to the voltage and frequency specified on the rating plate. Put the electric plug in a earthed socket-outlet. The LED on the battery charger flashes green once.



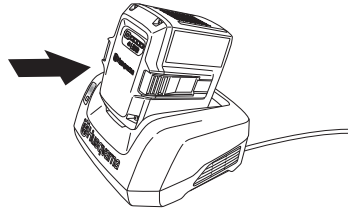
- The battery will not be charged if the battery temperature is over 50 °C. In that case the battery charger will actively cool down the battery.

Connect the battery to the battery charger.

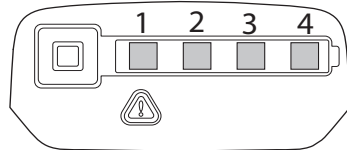
Regularly check that the battery charger and the battery are intact. See instructions under the Maintenance heading.

The battery must be charged before using it the first time. The battery is only 30% charged when delivered.

- Put the battery in the battery charger. Make sure that the battery is connected to the battery charger.



- The green charging light on the charger is lit when the battery is connected to the battery charger.
- When all LEDs are lit the battery is fully charged.



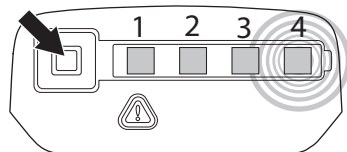
- Pull out the plug. Never jerk the power supply cable to disconnect it from the wall socket.
- Remove the battery from the battery charger.

See separate manual for instructions on how to charge the backpack battery.

Charging status

Lithium-ion batteries can be charged at whatever charging level. The charging process can be cancelled or started whatever the battery's charge level is. The battery is not damaged. A fully charged battery will not lose its charge even when the battery is left in the charger.

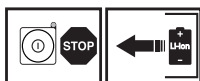
The battery will not be charged if the battery temperature is over 50 °C.



BATTERY HANDLING

LED display	Charging status
LED 1 flashes.	The battery is 0%-25% charged.
LED 1 is lit, LED 2 flashes.	The battery is 25%-50% charged.
LED 1, LED 2 are lit, LED 3 flashes.	The battery is 50%-75% charged.
LED 1, LED 2, LED 3 are lit, LED 4 flashes.	Battery is 75%-100% charged
LED 1, LED 2, LED 3, LED 4 are lit.	When all the LEDs are lit on the battery, it is fully charged.

Transport and storage



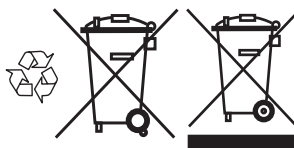
- The contained lithium-ion batteries are subject to the Dangerous Goods Legislation requirements.
- For commercial transports e.g. by third parties, forwarding agents, special requirement on packing and labeling must be observed.
- For preparation of the item being shipped, consulting an expert for hazardous material is required. Please also observe possibly more detailed national regulations.
- Tape or mask off open contacts and pack up the battery in such a manner that it cannot move around in the packing.
- Secure the machine during transport.
- Always remove the battery for storage or transport.
- Store the battery and the battery charger in a dry, moisture-free and frost-free space.
- To prevent accidents, ensure that your battery is not connected to the machine when stored.
- Do not store the battery in places where static electricity can occur. Never store the battery in a metal box.
- Store the battery where the temperature is between 5 °C and 25 °C and never in direct sunlight.
- Store the battery charger where the temperature is between 5 °C and 45 °C and never in direct sunlight.
- Make sure the battery is charged to 30% - 50% before storing for long periods.
- Store the battery charger only in an enclosed and dry space.
- Be sure to store the battery separate from the battery charger. Store the equipment in a lockable area so that it is out of reach of children and unauthorized persons.

- Ensure the machine is cleaned and that a complete service is carried out before long-term storage.
- Transport guard must always be used for storage and transport.

Disposal of the battery, battery charger and machine

Symbols on the product or its packaging indicate that this product cannot be handled as domestic waste. It must instead be submitted to an appropriate recycling station for the recovery of electrical and electronic equipment.

By ensuring that this product is taken care of correctly, you can help to counteract the potential negative impact on the environment and people that can otherwise result through the incorrect waste management of this product. For more detailed information about recycling this product, contact your municipality, your domestic waste service or the shop from where you purchased the product.



STARTING AND STOPPING

Check before starting



- Check the motor for dirt and cracks. Clean off grass and leaves from the engine using a brush. Gloves should be worn when necessary.
- Check that the saw head is completely attached to the shaft.
- Check that the machine is in perfect working order. Check that all nuts and screws are tight.
- Ensure that saw head is undamaged and is not cracked. Replace the saw head if it has been exposed to impact or is cracked.
- Never use the machine without a guard nor with a defective guard.
- All covers must be correctly fitted and undamaged before you start the machine.
- Only use the machine for the purpose it was intended for.

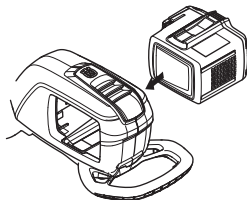
Connect battery to the machine

NOTE!

When using Husqvarna BLi batteries and depending on the battery capacity, there may be differences in cutting performance.

Make sure to use fully charged batteries. Use only a Husqvarna original battery in your machine. See technical data.

- Insert the battery in the machine. The battery should slide easily into the battery holder on the machine. If the battery does not slide in easily, it is not being inserted correctly. The battery will lock itself into place when you hear a click. Make sure the battery is fitted correctly to the machine.



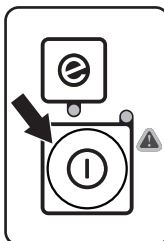
Starting and stopping



WARNING! Make sure no unauthorised persons are in the working area. Otherwise there is a risk of serious personal injury. The safety distance is 15 meters.

Starting

Turn on the machine. Press and hold the start button (>1 sec.) until the green LED is lit.



Use the power trigger to control the speed.

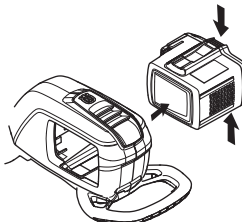
NOTE!

Start the pole saw and apply full throttle. Release the throttle control and check that the chain stops and remains stationary.

Stopping

Stop the machine by releasing the power trigger or the power trigger lockout and deactivate the machine.

Remove the battery from the machine by pressing the two release buttons and pulling out the battery.



IMPORTANT! Always remove the battery to prevent the machine being started by accident.

WORKING TECHNIQUES

General working instructions

IMPORTANT!

This section takes up the basic safety rules for working with a chain clearing saw.

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.



WARNING! The machine can cause serious personal injury. Read the safety instructions carefully. Learn how to use the machine.



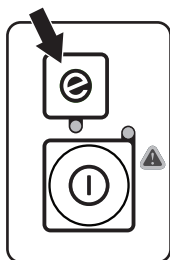
WARNING! Cutting tool. Do not touch the tool without first switching off the engine.



WARNING! The machines can be thrown violently to the side when the tip of the guide bar comes into contact with a fixed object. This is called kickback. A kickback can be violent enough to cause the machine and/or operator to be propelled in any direction, and possibly lose control of the machine. Avoid cutting with the guide bar tip.

Save mode

The machine has an energy-saving function (savE). This function is activated by pressing the savE key on the keypad. With the savE function activated, the machine running time is extended as the speed of the saw chain and the motor output is reduced.



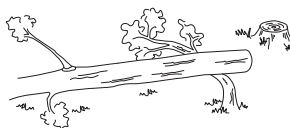
Use the SaveE function as often as possible in order to extend the running time.

Avoid using the throttle between cuts. This will save battery capacity.

Basic safety rules



- 1 Look around you:
 - To ensure that people, animals or other things cannot affect your control of the machine.
 - To ensure that people, animals, etc., do not come into contact with the cutting attachment or loose objects that are thrown out by the cutting attachment.
 - CAUTION! Do not use the machine unless you are able to call for help in the event of an accident.
- 2 Do not use the machine in bad weather, such as dense fog, heavy rain, strong wind, intense cold, etc. Working in bad weather is tiring and often brings added risks, such as icy ground, unpredictable felling direction, etc.
- 3 Never use the machine if you are tired, if you are ill, if you have consumed alcohol, or if you are taking other drugs or medication that can affect your vision, judgement or co-ordination.
- 4 Inspect the working area. Remove all loose objects, such as stones, broken glass, nails, steel wire, string, etc. that could be thrown out or become wrapped around the cutting attachment.
- 5 Make sure you can move and stand safely. Check the area around you for possible obstacles (roots, rocks, branches, ditches, etc.) in case you have to move suddenly. Take great care when working on sloping ground.
- 6 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 machine and cause you to lose control. Both situations can cause serious personal injury.



- 7 Keep a good balance and a firm foothold.

WORKING TECHNIQUES

- 8 Always hold the machine with both hands. Hold the machine on the right side of your body.



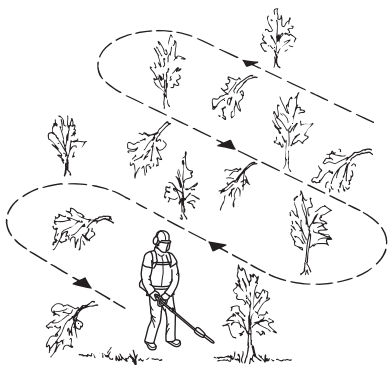
- 9 Switch off the engine before moving to another area. Fit the transport guard before carrying or transporting the equipment any distance.
- 10 Never put the machine down with the engine running unless you have it in clear sight.



WARNING! Keep unauthorised persons at a distance. Children, animals, onlookers and helpers should be kept outside the safety zone of 15 metres. Stop the machine immediately if anyone approaches. Never swing the machine around without first checking behind you to make sure no-one is within the safety zone.

Forestry clearing

- Before you start clearing, check the clearing area, the type of terrain, the slope of the ground, whether there are stones, hollows etc.
- Start at whichever end of the area is easiest, and clear an open space from which to work.
- Work systematically to and fro across the area, clearing a width of around 4-5 m 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.



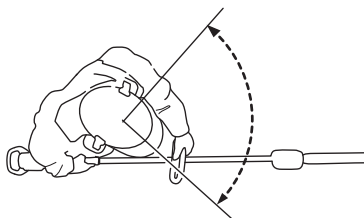
- On sloping ground you should work along the slope. It is much easier to work along a slope than it is to work up and down it.
- You should plan the strip so that you avoid going over ditches or other obstacles on the ground. You should also orient the strip to take advantage of wind conditions, so that cleared stems fall in the cleared area of the stand.
- If the stems are tightly packed, adapt your walking pace to suit.
- Extend the operating time by not giving gas between cuts.
- 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.

Tree felling technique



WARNING! Never saw off a branch above waist height. A higher stump may cause uncontrolled felling direction.

- 1 Never fell trees into uncleared areas.
- 2 When cutting, work in the 9 to 12 o' clock sector.



- 3 Position your body to comply with point 1 and 2 above.
- 4 Recommended max. diameter on trees to be cut is 15 cm.
- 5 A higher stump up to waist height increases the possibility to make the tree fall in the desired direction.
- 6 Cutting on the push stroke and pressure makes the tree fall backwards in relation the bar.
- 7 Cutting on the pull stroke makes the tree fall forwards in relation to the bar.
- 8 Use the bar to steer the tree into the desired direction of fall. For bigger trees, use the push- and pull hook positioned behind the bar.
- 9 Make sure that the tree falls after the trunk has been cut through and before moving the machine.

WORKING TECHNIQUES

Stem limbing



WARNING! Never stand directly underneath a branch that is being cut. This could lead to serious or even fatal personal injury.

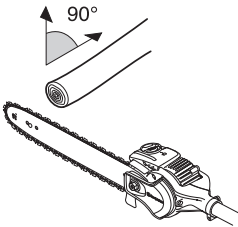


WARNING! Observe the applicable safety regulations for work in the vicinity of overhead power lines.

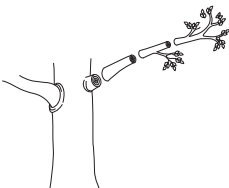


WARNING! This machine is not electrically insulated. If the machine touches or comes close to high-voltage power lines it could lead to death or serious bodily injury. Electricity can jump from one point to another by arcing. The higher the voltage, the greater the distance electricity can jump. Electricity can also travel through branches and other objects, especially if they are wet. Always keep a distance of at least 10 m between the machine and high-voltage power lines and/or any objects that are touching them. If 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.

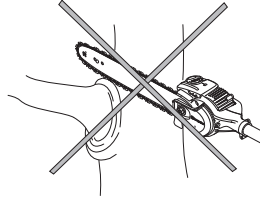
- Observe great care when working close to overhead power lines. Falling branches can result in short-circuiting.
- Whenever possible position yourself so that you can make the cut at right angles to the branch.



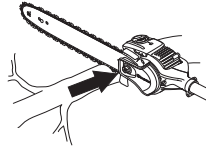
- Cut large branches in sections so that you have better control over where they fall. You should also pay attention to the fact that falling branches can bounce in the direction of the user after hitting the ground.



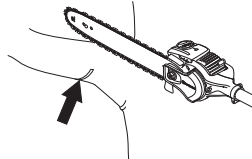
- Never cut through the swelling at the root of the branch as this will slow down healing and increase the risk of fungal attack!



- 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.



- 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.



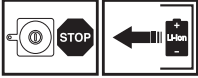
- Make sure you have a firm footing and that you can work without being hampered by branches, stones and trees.



WARNING! Never activate the throttle without having the cutting attachment in full view.

MAINTENANCE

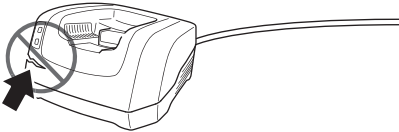
Inspection and maintenance



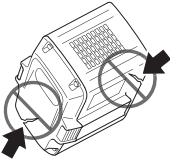
WARNING! Always remove the battery before any maintenance on the machine.

IMPORTANT! Never clean the battery or the battery charger with water. Strong cleaning agents can damage the plastic.

All servicing and repair work on the machine requires special training. This is especially true of the machine's safety equipment. If your machine fails any of the checks described below you must contact your service agent. When you buy any of our products we guarantee the availability of professional repairs and service. If the retailer who sells your machine is not a servicing dealer, ask him for the address of your nearest service agent. Only use original spare parts.



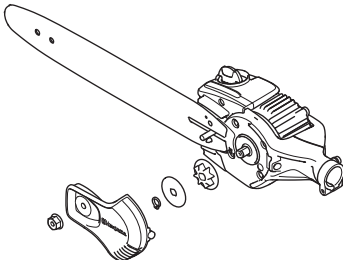
Regularly check that the battery charger and the battery are intact.



Changing chain drive gear

If you are the least unsure of how to change the drive gear, you must first contact your retailer for help.

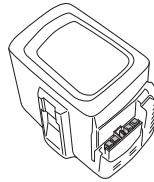
- Dismantle the nut for the chip guard and remove the guard.



- Dismantle the clip holding the washer and the chain drive gear.
- Remove the washer.
- Remove the chain drive gear and replace it with a new one.

Cleaning

- Clean the machine after use.
- Clean the oil tank vent with a brush.
- Clean under the chip guard with a brush.
- If the battery connector on the machine is dirty, clean it by blowing them with compressed air or use a soft brush.
- Make sure the battery and battery charger are clean and that the terminals on the battery and the battery charger are always clean and dry before the battery is placed in the battery charger.



- Keep the battery guide tracks clean.
- Clean plastic parts with a clean and dry cloth.

MAINTENANCE

Troubleshooting schedule

Keypad

Troubleshooting takes place from the keypad.

Control panel	Possible faults	Possible action
Green activate LED flashing.	Low battery voltage.	Charging the battery
Error LED flashes.	The power trigger and the activate button are pressed at the same time.	Release the power trigger and the machine is active.
	Overload.	Chain jammed. Remove the battery from the machine. Release the chain.
	Temperature deviation.	Allow the machine to cool down.
The machine does not start	Dirt in battery connectors.	Clean with compressed air or a soft brush.
Error LED is lit with red light.	Service	Contact your service agent.

Troubleshooting the battery and/or the battery charger during charging.

Battery

LED display	Possible faults	Possible action
Green activate LED flashing.	Low battery voltage.	Charge the battery.
Error LED flashing	The battery is discharged.	Charge the battery.
	Temperature deviation.	Use the battery in surroundings where temperatures are between -10 °C and 40 °C.
	Over voltage.	Check that the mains voltage corresponds with that stated on the rating plate on the machine. Remove the battery from the battery charger.
Error LED is lit	Cell difference too much (1V).	Contact your service agent.

Battery charger

LED display	Possible faults	Possible action
Error LED flashing	Temperature deviation.	Use the battery charger only when the surrounding temperature is between 5 °C and 40 °C.
Error LED is lit		Contact your service agent.

MAINTENANCE

Maintenance schedule



WARNING! Always remove the battery before any maintenance on the machine.

The following is a list of the maintenance steps that must be performed on the machine. Most of the items are described in the Maintenance section. The user must only carry out the maintenance and service work described in this Operator's Manual. More extensive work must be carried out by an authorized service workshop.

Maintenance	Daily maintenance	Weekly maintenance	Monthly maintenance
Clean the outside of the machine with a clean and dry cloth. Never use water.	X		
Keep handles dry, clean and free from oil and grease.	X		
Make sure that the activate and deactivate button works correctly and is not damaged.	X		
Check that all controls are undamaged and in working order.	X		
Make sure that the power trigger lock and the power trigger function works correctly from a safety point of view.	X		
Ensure that the chip guard is undamaged and is not cracked. Replace the guard if it has been exposed to impact or is cracked.	X		
Check that nuts and screws are tight.	X		
Check that the battery is intact.	X		
Check the battery's charge.	X		
Check that the release buttons on the battery works and locks the battery into the machine.	X		
Check that the battery charger is intact and functional.	X		
Clean the oil tank vent	X		
Check that all couplings, connections and cables are intact and free from dirt.		X	
Clean the chip guard		X	
Check the connections between the battery and the machine and also check the connection between battery and the battery charger.			X
Check that the saw head is not damaged. Replace the saw head if it is damaged.	All service on the saw head must be carried out by an authorized Husqvarna dealer.		
Check condition of Drive Sprocket.	Replace the chain drive gear after approx.: 100 hours use or if there is significant play on the shaft.		

TECHNICAL DATA

Technical data

536LiPX

Motor

Motor type BLDC (brushless) 36V

Chain speed, m/sec

3/8 20

Oil tank capacity, litre/cm³ 0,15

Weight

Weight without battery, kg 3,1

Weight with battery, kg 4,4

BLi150

Battery runtime

Battery time, min., (up to) with SavE function activated. BLi150 60

BLi150

Battery time, min., (up to) with SavE function activated. BLi940x approx. 6 hours

BLi940x

Noise levels

(see note 1)

Equivalent sound pressure level at the operator's ear, measured according to EN ISO 22868, dB(A), min./max.: 96

Vibration levels

(see note 2)

Vibration levels at handles, measured according to ISO 22867, m/s²

Equipped with chain clearance saw, left/right 1,2/2,6

Driving time and temperature are measured without load according to the operating cycle of 3 seconds operating and 15 seconds of idling.

Use only a Husqvarna original BLi battery in your machine.

Approved chargers for the specified batteries, BLi.		
Battery charger	QC330	QC80
Mains Voltage, V	100-240	100-240
Frequency, Hz	50-60	50-60
Power,W	330	100

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

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


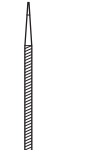

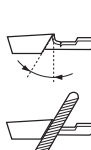
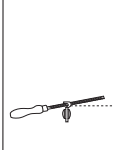
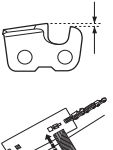
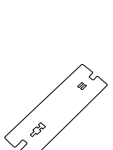
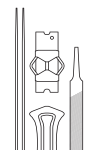
TECHNICAL DATA

Guide bar and saw chain combinations

The following cutting attachments are approved for the model Husqvarna 536LiPX. Use only the A318 bar for the 536LiPX.

The following combinations are CE approved.				
Guide bar			Saw chain	
Length, inch	Pitch, inch	Gauge, mm	Type	Length, drive links (no.)
10	3/8	1,3	Husqvarna H37 (low kick)	40
12	3/8	1,3	Husqvarna H37 (mini)	44

Saw chain filing and file gauges

							
37	inch/mm 5/32 / 4.0	80°	30°	0°	inch/mm 0.025/0.65	—————	5796536-01

EC Declaration of Conformity (Applies to Europe only)

Husqvarna AB, SE-561 82 Huskvarna, Sweden, tel +46-36-146500 declares that the battery-operated chain clearing saw **Husqvarna 536LiPX** with serial numbers dating 2016 and onwards (the year is clearly stated on the rating plate, followed by the serial number) comply with the requirements of the COUNCIL'S DIRECTIVE:

- of May 17, 2006 "relating to machinery" **2006/42/EC**.
- of February 26, 2014 "relating to electromagnetic compatibility" **2014/30/EU**.
- of June 8, 2011 on the "restriction of use of certain hazardous substances" **2011/65/EU**.

The following standards have been applied:

EN ISO 22868:2011, EN ISO 22867:2011, EN 60335-2-29, EN 62133:2011, EN 60745-1

SMP Svensk Maskinprovning AB, Box 7035, SE-750 07 Uppsala, Sweden, has carried out EC type examination in accordance with the machinery directive's (2006/42/EC) article 12, point 3b.

SP, Box 857, SE-501 15 Borås, Sweden has issued a voluntary type approval for Husqvarna AB

Husqvarna January 10, 2017



Lars Roos, Development manager (Authorized representative for Husqvarna AB and responsible for technical documentation.)

1157547-26



2017-03-15