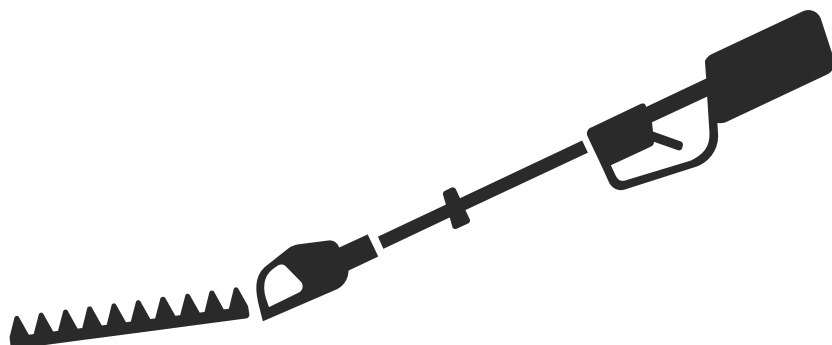




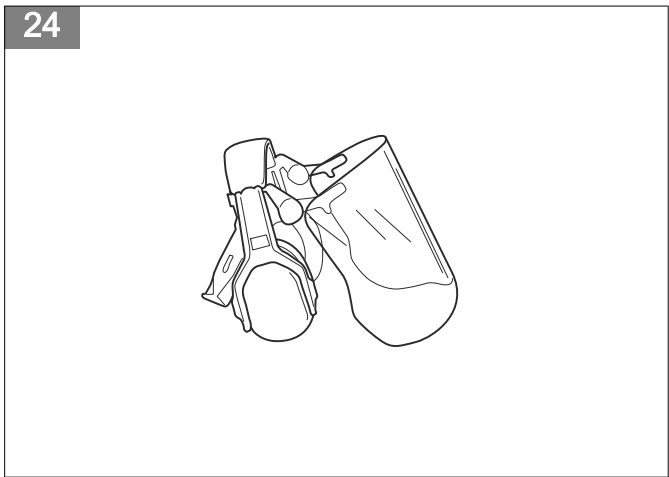
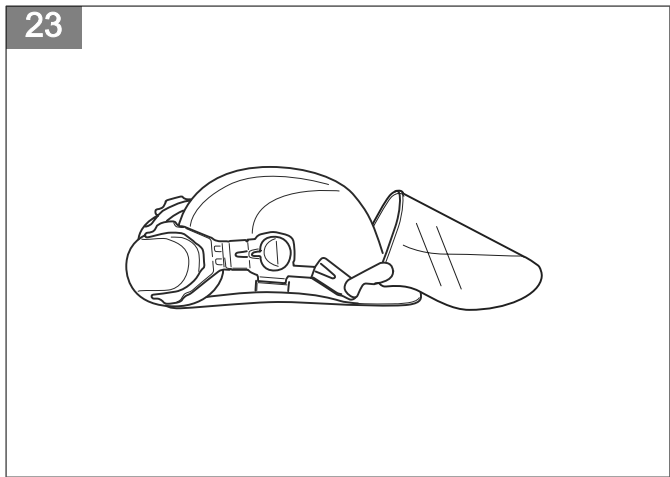
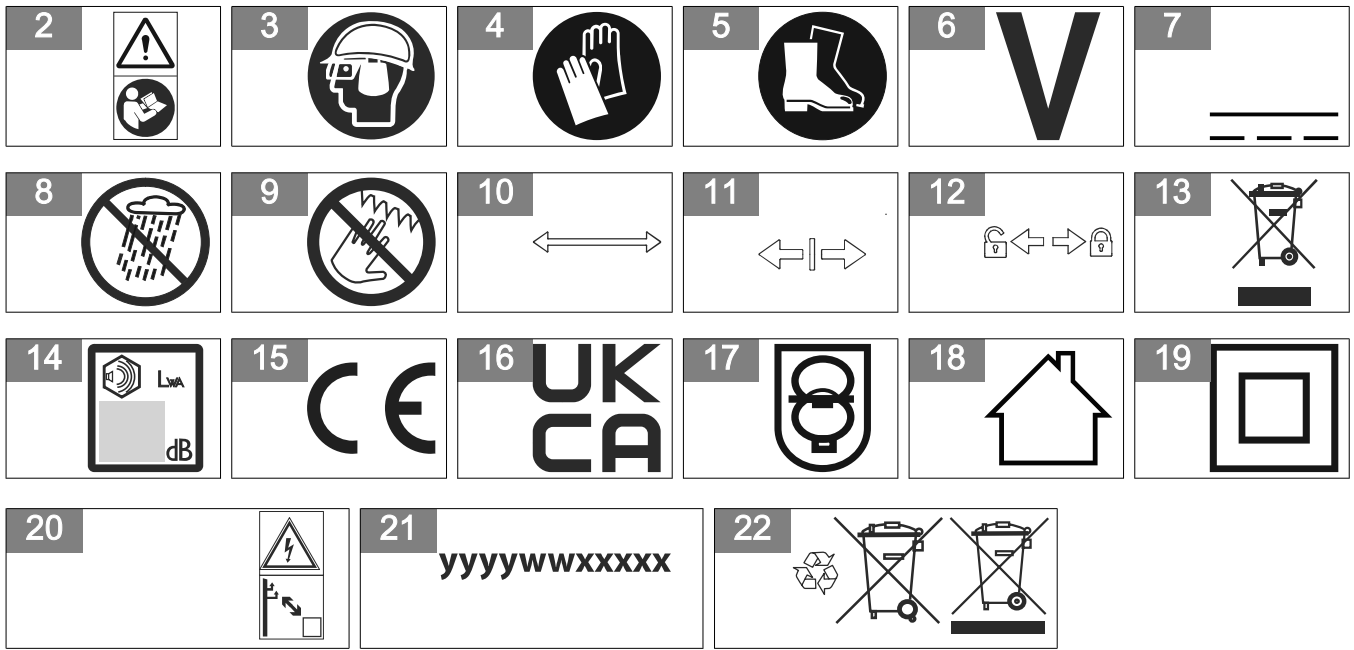
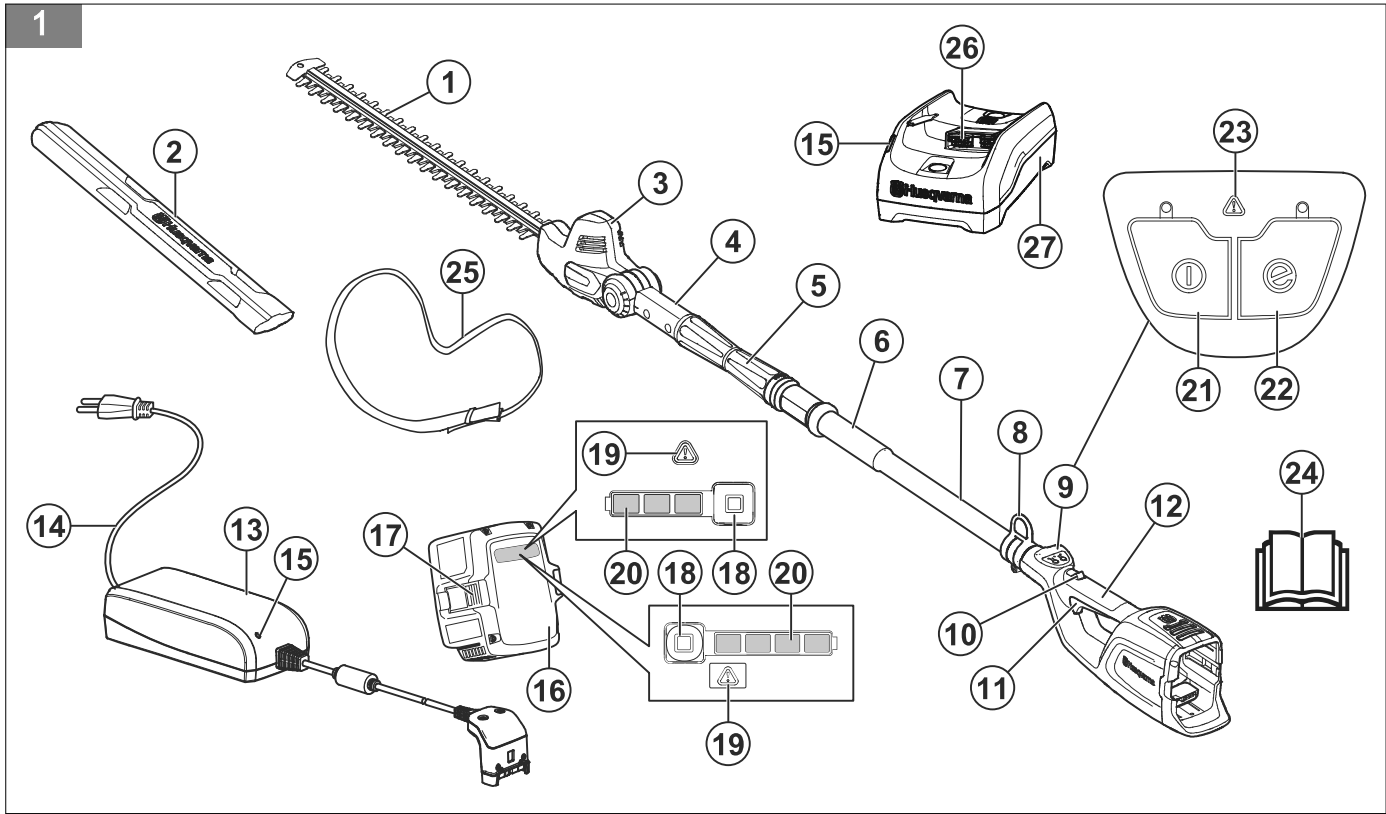
# Husqvarna®



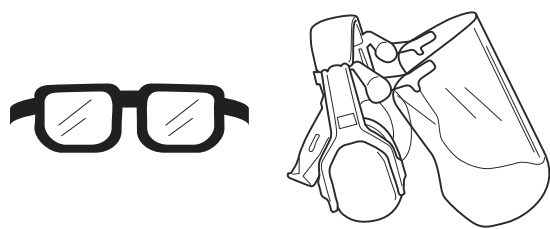
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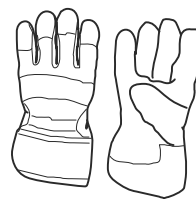
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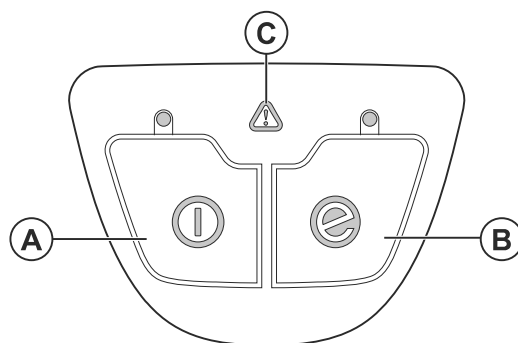
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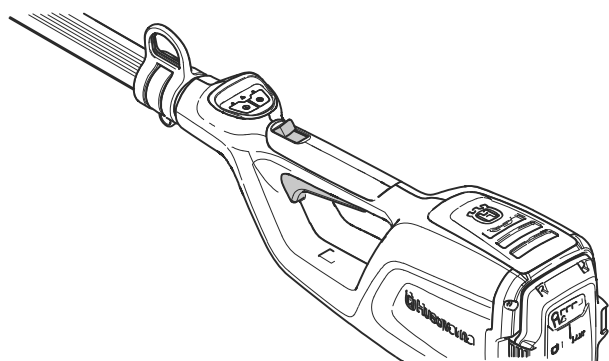
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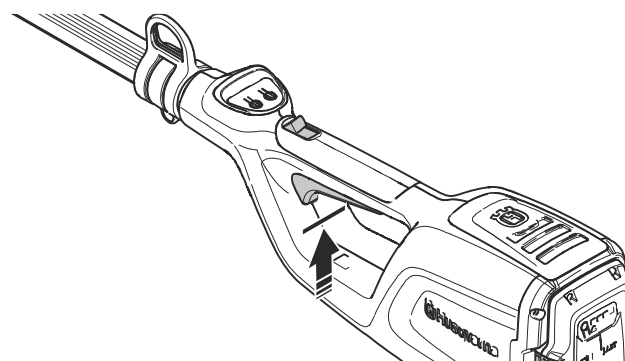
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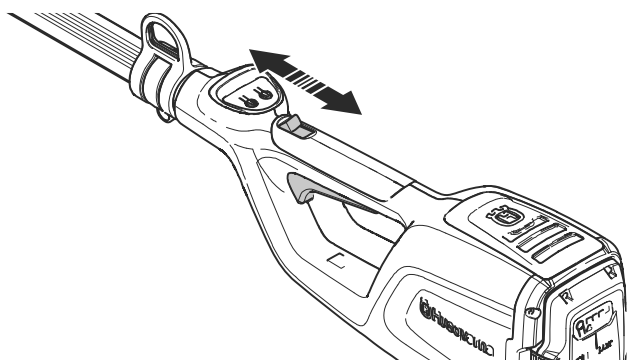
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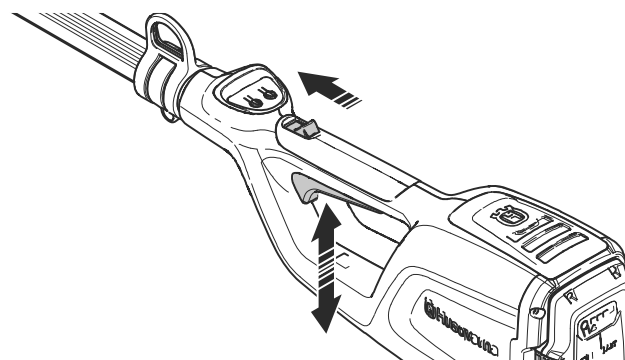
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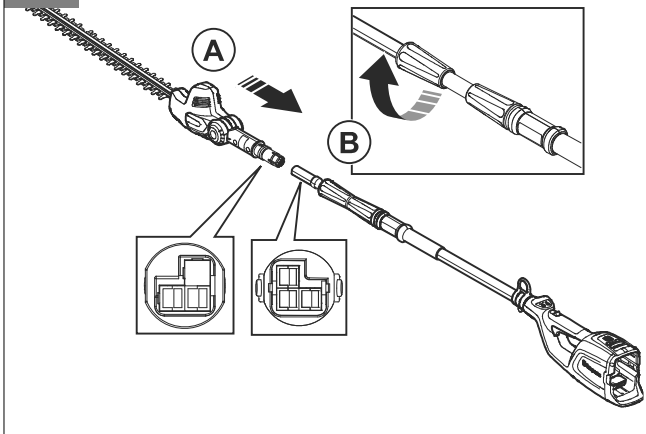
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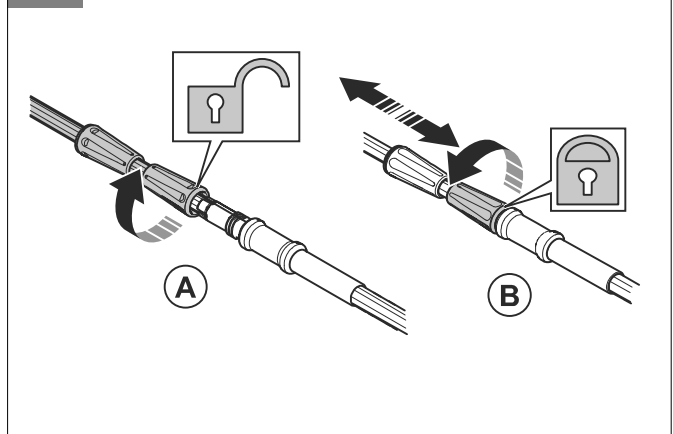
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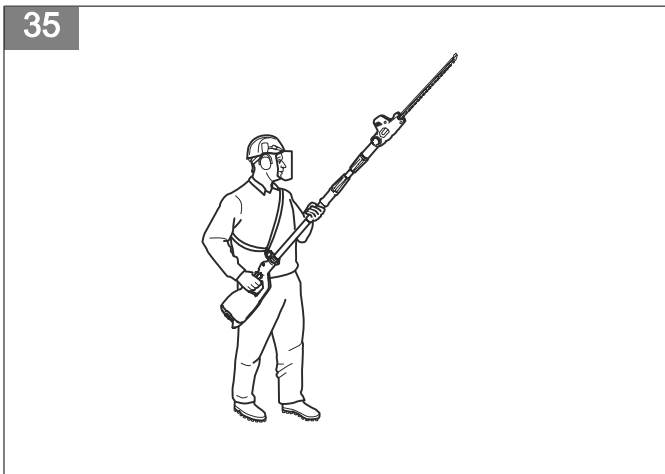
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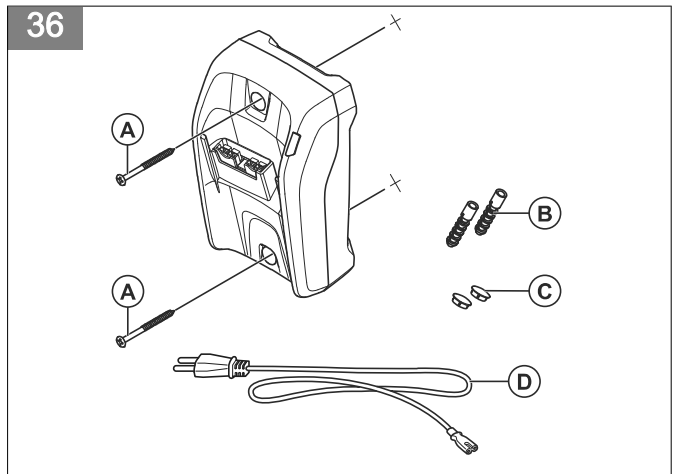
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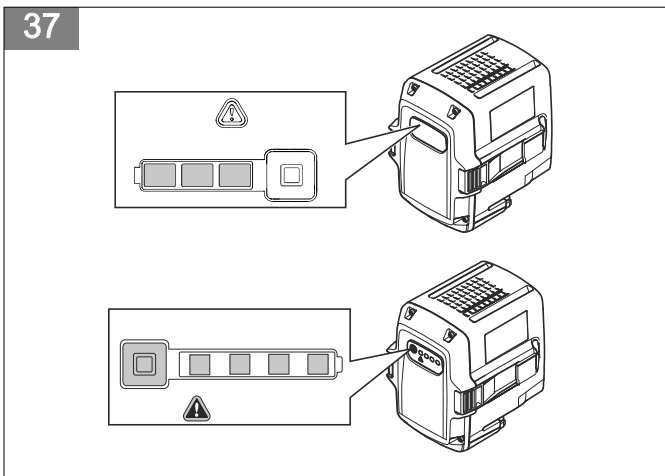
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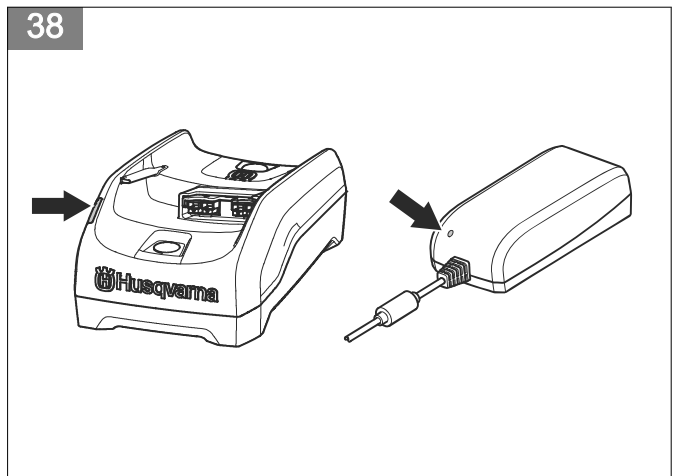
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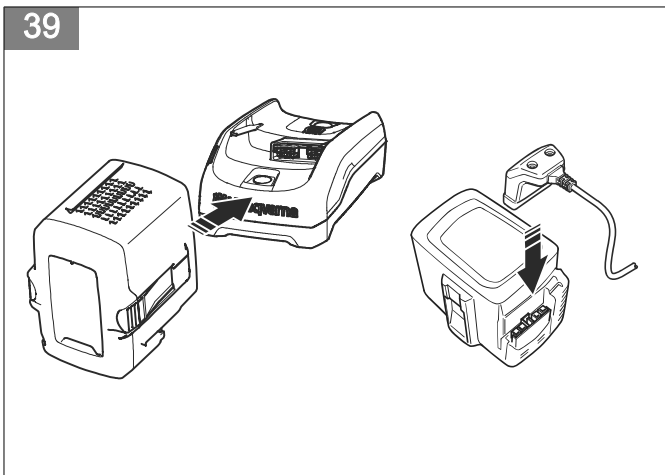
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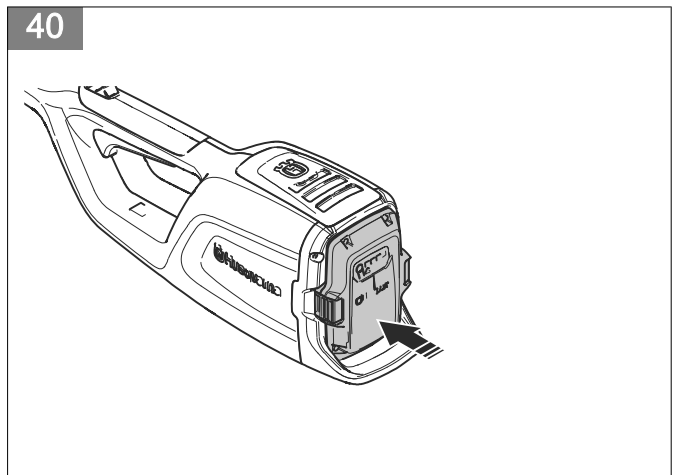
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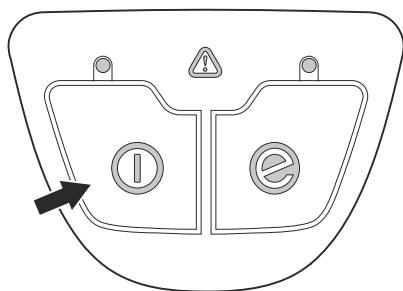
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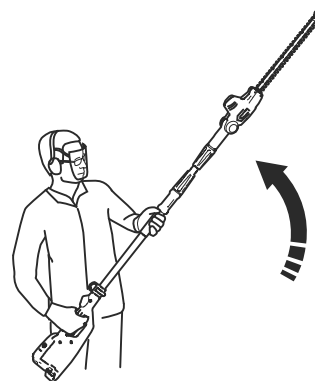
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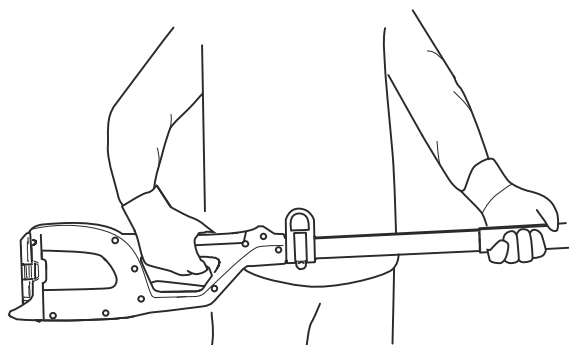
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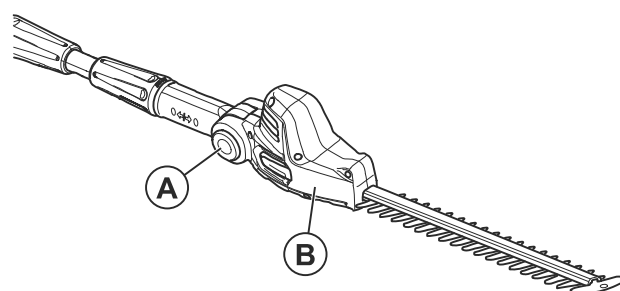
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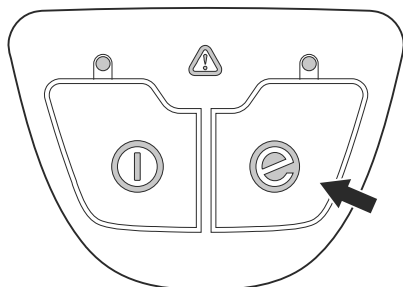
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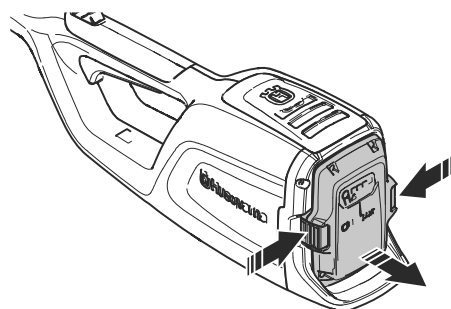
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## Introduction

### Product description

Husqvarna 120iTK4-H is a battery telescopic pole hedge trimmer.

Work is constantly in progress to increase your safety and efficiency during operation. Speak to your servicing dealer for more information.

### Intended use

Use the product to cut branches and twigs. Do not use the product for other tasks.

### Product overview

(Fig. 1)

1. Blade
2. Transport guard
3. Housing
4. Position split handle
5. Telescopic function
6. Front handle
7. Shaft
8. Harness support hook
9. Keypad
10. Power trigger lockout
11. Power trigger
12. Rear handle
13. Battery charger QC80
14. Power Cord
15. Power on and warning indicator
16. Battery
17. Battery release buttons
18. Battery indicator button
19. Warning LED
20. Battery indicator LED
21. Start/Stop button
22. SavE button
23. Warning LED
24. Operator's manual
25. Harness
26. Connector
27. Battery charger 40-C80

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 safety footwear. (Only applicable to pole saw.)

(Fig. 6) Rated voltage, V

(Fig. 7) Direct current.

(Fig. 8) Do not expose to rain.

(Fig. 9) Keep hands away from blade.

(Fig. 10) Telescopic function.

(Fig. 11) Split function.

(Fig. 12) Turn left to loose the knob, turn right to tighten the knob.

### 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

(Fig. 13) Environmental mark. The product or package of the product is not domestic waste. Recycle it at an approved disposal

location for electrical and electronic equipment.

of the product is specified in *Technical data on page 18* and on the label.

(Fig. 14) Noise emission to the environment label as per EU and UK directives and regulations, and New South Wales legislation "Protection of the Environment Operations (Noise Control) Regulation 2017". The guaranteed sound power level

(Fig. 15) The product agrees with the applicable EC directives.

(Fig. 16) This product conforms to the applicable UK regulations.

(Fig. 20) Keep sufficient distance away from electrical power lines.

(Fig. 21) The rating plate shows serial number. **yyyy** is the production year, **ww** is the production week and **xxxxx** is the serial number.

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

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

(Fig. 22) Recycle this product at a recycling station for electrical and electronic equipment. (Applies to Europe only)

(Fig. 17) Fail-safe transformer.

(Fig. 18) Use and keep the battery charger indoors only.

(Fig. 19) Double insulation.

## 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.

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# Safety

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## 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.

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

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## General machine safety warnings



**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.

**Save all warnings and instructions for future reference.** 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 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' operation. If damaged, have the machine repaired before use.** Many accidents are caused by poorly maintained machines.
- **Keep cutting machine 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.

## Hedge trimmer safety warnings

- **Do not use the hedge trimmer in bad weather conditions, especially when there is a risk of lightning.** This decreases the risk of being struck by lightning.
- **Keep all power cords and cables away from cutting area.** Power cords or cables may be hidden in hedges or bushes and can be accidentally cut by the blade.
- **Wear ear protection.** Adequate protective equipment will reduce the risk of hearing loss.
- **Hold the hedge trimmer by insulated gripping surfaces only, because the blade may contact hidden wiring.** Blades contacting a "live" wire may make exposed metal parts of the hedge trimmer "live" and could give the operator an electric shock.
- **Keep all parts of the body away from the blade. Do not remove cut material or hold material to be cut when blades are moving.** Blades continue to move after the switch is turned off. A moment of inattention while operating the hedge trimmer may result in serious personal injury.
- **When clearing jammed material or servicing the hedge trimmer, make sure all power switches are off and the battery pack is removed or disconnected.** Unexpected actuation of the hedge trimmer while clearing jammed material or servicing may result in serious personal injury.

- **Carry the hedge trimmer by the handle with the blade stopped and taking care not to operate any power switch.** Proper carrying of the hedge trimmer will decrease the risk of inadvertent starting and resultant personal injury from the blades.
- **When transporting or storing the hedge trimmer, always use the blade cover.** Proper handling of the hedge trimmer will decrease the risk of personal injury from the blades.

## Extended-reach hedge trimmer safety warnings

- **Always use head protection when operating the extended-reach hedge trimmer overhead.** Falling debris can result in serious personal injury.
- **Always use two hands when operating the extended-reach hedge trimmer.** Hold the extended-reach hedge trimmer with both hands to avoid loss of control.
- **To reduce the risk of electrocution, never use the extended-reach hedge trimmer near any electrical power lines.** Contact with or use near power lines may cause serious injury or electric shock resulting in death.

## 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 11* and *Maintenance on page 15*. 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.

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

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## Safety instructions for operation

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

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- 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.
- 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.
- 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.
- Faulty cutting attachment can increase the risk of accidents.
- 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 no people or animals come closer than 15 meters while you work. When several operators are working in the same area the safety distance should be at least 15 meters. 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.
- 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. However, do not use the product unless you are able to call for help in the event of an accident.
- 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.
- 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.
- Keep a good balance and a firm foothold at all times. Do not overreach.
- Deactivate the product before you move to another area. Attach the transport guard when the product is not in use.
- Never put the product down unless you have deactivated it. Do not leave the product unsupervised when it is switched on.
- Remove the battery before you pass the product to another person.
- Make sure that no clothes or parts of the body come in contact with the cutting attachment when the product is activated.
- If anything jams in the cutting attachment while you operate the product, stop and deactivate the product. Make sure that the cutting attachment stops completely. Remove the battery before you clean, inspect or repair the product and/or the cutting equipment.
- Keep your hands and feet away from the cutting attachment until it has stopped completely when the product is deactivated.
- Watch out for stumps of branches that can be thrown out when you cut. Do not cut too close to the ground where stones and other objects can be thrown out.
- Watch out for thrown objects. Always wear approved eye protection. Never lean over the cutting attachment guard. Stones, rubbish, etc., can be thrown up into the eyes which can cause blindness or serious injury.
- Listen out for warning signals or shouts when you wear hearing protection. Always remove your hearing protection as soon as the product stops.
- Never work from a ladder, stool or any other raised position that is not fully secured.
- 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.
- Always hold the product with both hands. Hold the product on the right side of your body.
- Always stop the product, remove the battery and make sure that the cutting equipment does not rotate before you remove material that is wound around the blade shaft or caught between the guard and the cutting attachment.
- The electromagnetic field during operation can interfere with the active or passive medical implants. The persons with medical implants speak to your physician and the medical implant manufacturer before operating this product.
- Hold the weight of the product with the harness to make it easy to operate.

- Long-term exposure to noise can result in permanent hearing impairment. Husqvarna recommends that operators use approved hearing protection.
- Never use a product that has been modified in any way from its original specification.
- Never use a product 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 product before use. See the maintenance schedule.
- Never allow anyone else to use the machine without first ensuring that they have read and understood the contents of the operator's manual.
- Check the working area for foreign objects such as electricity cables and animals, etc, or other objects that could damage the cutting attachment, such as metal items.
- Faulty blades can 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.

(Fig. 23)

- 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.

(Fig. 24)



**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.

(Fig. 25)

- Use gloves when necessary, for example when you attach, examine or clean the cutting equipment.

(Fig. 26)

- 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.
- Keep first aid equipment close at hand.

(Fig. 27)

### Safety devices on the product



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

In this section the product's safety features, its purpose and how checks and maintenance should be carried out to ensure that it operates correctly. See instructions under the heading *Product overview on page 6* to find where these parts are located on your product.

The life span of the product can be reduced and the risk of accidents can increase if product 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 servicing dealer.



**WARNING:** Never use a product with damaged safety components. The product's safety equipment must be inspected and maintained as described in this section. If your product fails any of these checks, contact your service agent to get it repaired.



**CAUTION:** 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.

### To do a check of the keypad

1. Push and hold the start/stop button (A). (Fig. 28)
  - a) The product is on when the LED is on.
  - b) The product is off when the LED is off.
2. Refer to *To start the SavE function on page 15* for the function of the SavE button (B).
3. Refer to *Troubleshooting on page 16* if the warning indicator (C) is on or flashes.

## To do a check of the power trigger lockout

The power trigger lockout prevents accidental operation. When you release the handle, the power trigger and the power trigger lockout move back to their initial position.

(Fig. 29)

1. Make sure that the power trigger is locked when the lockout is in its initial position. (Fig. 30)
2. Pull and release the lockout and make sure that it moves back to its initial position. (Fig. 31)
3. Make sure that the power trigger and the lockout move freely and that the return spring operates correctly. (Fig. 32)
4. Start the product, see *To start the product on page 14*.
5. Apply full speed.
6. Release the power trigger and make sure that the cutting attachment stops fully.

## Battery safety



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

- Only use the BLi series and 40-B series battery. For details, refer to *Technical data on page 18*. The battery is software encrypted.
- Use the BLi series and 40-B series battery that is rechargeable 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 (114 °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 16*.
- Do not use a damaged battery.

- Keep batteries in storage away from metal objects such as nails, screws or jewelry.
- Keep the battery away from children.

## 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. The recommended charger is QC80 / 40-C80 when you charge the BLi series and 40-B series battery.
- Do not try to disassemble the battery charger.
- Do not use a damaged battery charger.
- 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.
- 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.

## Safety instructions for maintenance



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

- 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.

- Keep the teeth of the blade correctly sharpened. Obey our recommendations. Also refer to the instructions on the blade package.
- Only use original spare parts.
- Always use heavy duty gloves when you repair the cutting attachment. The blades are very sharp and can easily cause injuries.

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## Assembly

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### Introduction



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

### To assemble the shaft

1. Make sure that the electrical plugs are aligned. (Fig. 33)
2. Connect the ends of the shaft (A) fully.
3. Tighten the screw handle on the hedge trimmer head side of the shaft (B).

### To adjust the length of the shaft

1. Loosen the screw handle at the battery housing side of the shaft (A). (Fig. 34)
2. Adjust the shaft to an applicable length.
3. Tighten the screw handle (B).

### To adjust the harness

Always use the harness when you operate the product. The harness gives maximum control during operation of

the product. The harness decreases the risk of tiredness in your arms and back.

1. Put on the harness.
2. Attach the product to the harness support hook.
3. Adjust the length of the harness until the support hook is roughly level with your right hip. (Fig. 35)

### To install the battery charger 40-C80 on the wall



**CAUTION:** Do not use an electric screwdriver to install the battery charger to the wall. An electric screwdriver can cause damage to the battery charger.

1. Install the battery charger on the wall with the 2 screws (A). Use wall plugs (B) if it is necessary. (Fig. 36)
2. Install the 2 screw hole plugs (C).
3. Connect the power cord (D) to the battery charger and a mains socket.

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## Operation

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### Introduction



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

### To do before you start the product

1. Examine the work area. Remove objects that can be thrown out.
2. Examine the cutting attachment. Make sure that the blades are sharp, and have no cracks and damages.
3. Make sure that the product works correctly. Examine that all nuts and screws are tight.

4. Make sure that the handle and safety devices are not damaged and are attached correctly. Do not operate a product with missing parts or is changed from its initial specification. Use protective gloves when it is necessary.
5. Make sure that the covers are not damaged and are attached correctly, before you operate the product.

### Battery



**WARNING:** Read and understand the safety chapter before you use the battery. Read and understand the operator's manual for the battery and the battery charger.

Keep the battery and the battery charger in the correct ambient temperatures.

	Ambient temperature
Operation of the product	-5 °C-40 °C / 23 °F-104 °F
Charging of the battery	5 °C-40 °C / 41 °F-104 °F

## Battery status

The display shows the state of charge and if there are problems with the battery.

(Fig. 37)

LED indicator	Battery status (state of charge)	
	BLi10	40-B70
4 LED lights are on	N/A	The battery is 76% - 100% charged.
3 LED lights are on	The battery is 76% - 100% charged.	The battery is 51% - 75% charged.
2 LED lights are on	The battery is 51% - 75% charged.	The battery is 26% - 50% charged.
1 LED light is on	The battery is 26% - 50% charged.	The battery is 6% - 25% charged.
1 LED light flashes	The battery is 0% - 25% charged.	The battery is 0% - 5% charged.

## To charge the battery

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



**CAUTION:** Connect the battery charger to a power outlet with the voltage and frequency that is specified on the rating plate.

The battery does not charge if the battery temperature is more than 50 °C/122 °F.

1. Connect the power cord to the battery charger.
2. Connect the battery charger to a grounded power outlet. The charging LED flashes one time. (Fig. 38)
3. Connect the battery to the battery charger. The charging LED comes on. Charge the battery for maximum 24 hours. (Fig. 39)
4. Push the battery indicator button, if all the LED indicators come on, the battery is fully charged.
5. Pull the power plug to disconnect the battery charger from the power outlet. Do not pull the power cord.
6. Remove the battery from the battery charger.

## To connect the battery to the product



**WARNING:** Only use Husqvarna original batteries in the product.

1. Make sure that the battery is fully charged.
2. Put the battery into the battery holder of the product. The battery must move into the holder easily, if not, it is not installed correctly. (Fig. 40)

3. Push the lower part of the battery and push it in fully into the battery holder. The battery locks into position when you hear a click.
4. Make sure that the latches lock in position correctly.

## To start the product

1. Push and hold the start/stop button until the green LED comes on. (Fig. 41)
2. Pull the power trigger lockout rearward and hold the power trigger.

## To operate the product

- Start near the ground and move the product up along the hedge when you cut the sides. (Fig. 42)
- Hold the product near your body for a stable work position. (Fig. 43)
- Make sure that the tip of the cutting equipment does not touch the ground.
- Be careful and work slowly until all the branches are correctly cut.

## To adjust the angle of the cutting attachment

The cutting attachment can be adjusted in 7 different positions.

1. Stop the product and remove the battery. (Fig. 44)
2. Hold the housing (B) tight.
3. Push and hold the lock buttons (A) at the 2 sides of the housing (B).
4. Move the cutting attachment to the correct angle.
5. Release the lock buttons (A) at the 2 sides.
6. Move the housing (B) up and down until the cutting attachment locks in position.

## To start the SavE function

The product has a SavE function. The SavE function gives the longest operation time from the battery.

1. Push the SavE button. The LED comes on to show that the function is on. (Fig. 45)
2. Push the SavE button again to stop the SavE function.

## Automatic shutdown function

The product has an automatic shutdown function that stops the product if it is not used. The green LED for

start/stop indication goes off and the product stops after 60 seconds.

## To stop the product

1. Release the power trigger.
2. Push and hold the start/stop button until the green LED goes off.
3. Remove the battery from the product. Push the 2 release buttons and pull out the battery. (Fig. 46)

# Maintenance

## Introduction



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



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

## Maintenance schedule

The following is a list of the maintenance steps that you must do on the product.

Maintenance	Before use	Weekly	Monthly
Clean the external parts of the product.	X		
Examine that the start and stop switch works correctly and is 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		
Make sure that the cutter blade and cutter guard have no cracks and that they are not damaged. Replace the cutter blade or the cutter guard if they have cracks or if they have been exposed to impact.	X		
Replace the cutter blade if it is bent or damaged.	X		
Make sure that the screws and nuts are tight.	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		
Make sure that the screws that hold the cutter blades together are correctly tightened.		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

## 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 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 the battery is put in the battery charger or the product.

## To examine the blade

1. Clean the blade from unwanted materials with an anti corrosion cleaning agent before and after you use the product.
2. Examine the edges of the blade for damages and deformation.

3. Use a file to remove burrs on the blade.
4. Make sure that the blades move freely.

## To clean and lubricate the blades

1. Clean the blades from unwanted materials before and after you use the product.
2. Lubricate the blades before long periods of storage.

**Note:** Speak to your servicing dealer for more information about recommended cleaning agents and lubricants.

## To lubricate the gear

Apply grease to the gear housing if the gear has been disassembled by an approved servicing dealer.

- Use Husqvarna special grease. Speak to your servicing dealer for more information about recommended grease.
- Only use a small quantity of a special high quality grease.



**CAUTION:** Do not fill the gear housing fully.

# Troubleshooting

## Keypad

Problem	Possible faults	Possible solution
Green activate LED flashing	Low battery voltage.	Charge the battery.
The warning indicator flashes.	Overload.	The cutting attachment cannot move freely. Release the cutting attachment.
	Temperature deviation.	Let the product become cool.
	The power trigger and the start button are pushed at the same time.	Release the power trigger and push the start button.
The product does not start.	Dirt in the battery connectors.	Clean the battery connectors with compressed air or a soft brush.
The warning indicator is on.	It is necessary to do servicing on the product.	Speak to your servicing dealer.



## Battery

Problem	Possible faults	Possible solution
Green LED flashes.	Low battery voltage.	Charge the battery.
Error LED flashes.	The battery is empty.	Charge the battery.
	Temperature deviation.	Use the battery in temperatures between -10°C (14°F) and 40°C (104°F).
	Overvoltage.	Remove the battery from the battery charger.
Error LED comes on.	Cell difference is too much (1V).	Speak to your servicing dealer.

## Battery charger

Condition	Possible faults	Possible procedure
The charging LED is red.	Permanent battery charger error.	Speak to your dealer.
The charging LED flashes green.	Temperature deviation, the battery is too cold or too hot to use or charge.	Let the battery cool down or warm it up. When the battery has the correct temperature, it can be used or charged again. Use the battery charger in ambient temperatures between 5 °C (41 °F) and 40 °C (104 °F).
The charging LED flashes red.	Faulty battery	Speak to your dealer.

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## Transportation, storage and disposal

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### Transportation and 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.
- 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.
- Use the battery charger only when the surrounding temperature is between 5°C/41°F and 40°C/104°F.
- 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.
- Clean the product and do a full servicing before you put the product in storage for a long time.
- 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 of the battery, battery charger and product

Symbols on the product or the package of the product means that the product is not domestic waste. Recycle it at a recycling station for electrical and electronic

equipment. This helps to prevent damage to the environment and to persons.

Get in touch with your local authorities, domestic waste service or your dealer for more information about how to recycle your product.

## Technical data

### Technical data

	120iTK4-H
<b>Motor</b>	
Motor type	PMDC 36V
<b>Weight</b>	
Weight without battery and transport guard, kg	4.5
<b>Noise emissions <sup>1</sup></b>	
Sound power level, measured dB(A)	91.32
Sound power level, guaranteed L <sub>WA</sub> dB(A)	94
<b>Sound levels <sup>2</sup></b>	
Sound pressure level at the operator's ear, measured according to EN 62841-1 and EN 62841-4-2, dB(A)	81.3
<b>Vibration levels <sup>3</sup></b>	
Vibration levels (a <sub>h</sub> ) at front/rear handles, m/s <sup>2</sup> . Refer to EN 62841-1 and EN 62841-4-2.	1.223/0.816
<b>Cutting equipment</b>	
Type	Double sided
Blade length, mm	500
Blade speed cuts/min in the SavE mode	2250
Blade speed cuts/min not in the SavE mode	2800

<sup>1</sup> Noise emissions in the environment measured as sound power (L<sub>WA</sub>) in conformity with EC directive 2000/14/EC. The difference between guaranteed and measured sound power is that guaranteed sound power also includes dispersion in the measurement result and the variations between different products of the same model refer to Directive 2000/14/EC.

<sup>2</sup> Typical statistical dispersion for equivalent sound pressure level is a standard deviation of 3 dB (A).

<sup>3</sup> Reported data for vibration level has a typical statistical dispersion (standard deviation) of 1.5 m/s<sup>2</sup>.

The declared vibration total value has been measured in accordance with a standard test method and may be used for comparing on tool with another.

The declared vibration total value may also be used in a preliminary assessment of exposure.

## Approved battery chargers

Battery charger	QC80	40-C80
Input voltage, V	100-240	100-240
Frequency, Hz	50-60	50-60
Power, W	100	72
Output voltage, V DC/A	36/2	43/1.6

## Approved batteries for the product

Battery	BLi10	40-B70
Type	Lithium-ion	Lithium-ion
Battery capacity, Ah	Refer to battery rating decal	Refer to battery rating decal
Nominal voltage, V	36	36
Weight, kg	0.7	0.8

# Declaration of Conformity

## EU Declaration of Conformity

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

<b>Description</b>	Battery telescopic pole hedge trimmer
<b>Brand</b>	Husqvarna
<b>Type / Model</b>	120iTK4-H
<b>Identification</b>	Serial number dating 2024 and onwards

complies fully with the following EU directives and  
regulations:

<b>Regulation</b>	<b>Description</b>
2006/42/EC	"relating to machinery"
2014/30/EU	"relating to electromagnetic compatibility"
2000/14/EC	"relating to outdoor noise"
2011/65/EU	"restriction of use of certain hazardous substances"

The following standards have been applied:

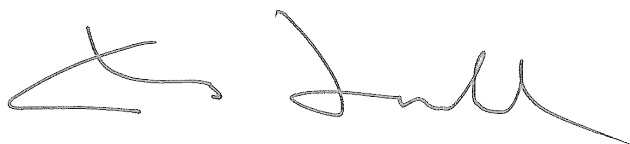
EN 62841-4-2:2019+A1:2022+A11:2022, EN  
62841-1:2015+A11:2022, EN IEC 55014-1:2021, EN  
IEC 55014-2:2021, EN IEC 63000:2018.

TÜV Rheinland LGA Products GmbH, Tillystrasse 2,  
D-90431 Nuernberg, Germany, has performed voluntary  
type examination on behalf of Husqvarna AB.

The certificate has the number: AM 50615424.

In accordance with directive 2000/14/EC, Annex V, refer  
to *Technical data on page 18* for the declared sound  
values.

Huskvarna, 2024-01-19



Claes Losdal, R&D Manager, Husqvarna AB

Responsible for technical documentation



# UK 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 telescopic pole hedge trimmer
Brand	Husqvarna
Type / Model	120iTK4-H
Identification	Serial number dating 2024 and onwards

complies fully with the following UK regulations:

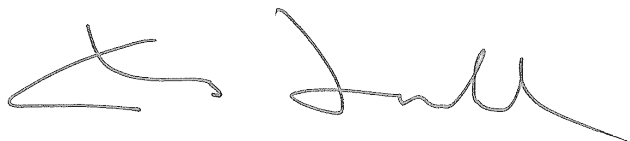
Description
The Supply of Machinery (Safety) Regulations 2008
Electromagnetic Compatibility Regulations 2016
The Noise Emission in the Environment by Equipment for use Outdoors Regulations 2001
The Restriction of the use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

and that the following standards and/or technical  
specifications are applied:

EN 62841-4-2:2019+A1:2022+A11:2022, EN  
62841-1:2015+A11:2022, EN IEC 55014-1:2021, EN  
IEC 55014-2:2021, EN IEC 63000:2018.

In accordance with S.I.2001/1701, schedule 8, refer  
to *Technical data on page 18* for the declared sound  
values.

Huskvarna, 2024-01-19



Claes Losdal, R&D Manager, Husqvarna AB

Responsible for technical documentation

**UK  
CA**

UK Importer:  
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Preston Road, Co. Durham  
DL5 6UP