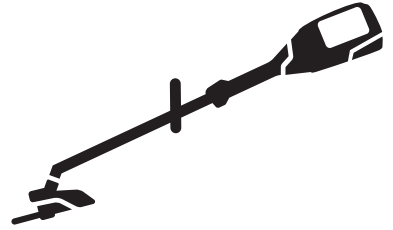




**Husqvarna**<sup>®</sup>



Attachment kit J-handle 520iLX

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## Introduction

### Product description

We have a policy of continuous product development and therefore reserve the right to modify the design and appearance of the products without prior notice.

**Note:** This manual covers battery operated power units.

### Intended use

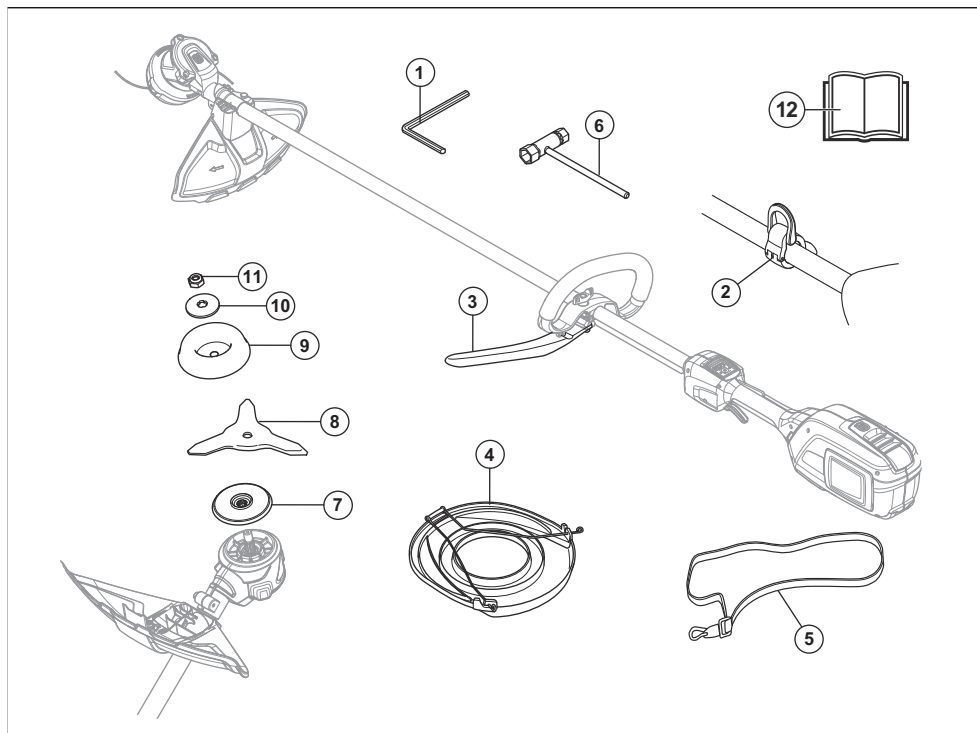


**WARNING:** The J-handle and cutting attachment must only be used together with compatible products. Refer to the operator's manual of the product.

The cutting attachment is used to cut grass.

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

### Attachment overview



1. Hex key
2. Suspension ring
3. J-handle
4. Transport guard

5. Single harness
6. Socket wrench
7. Drive disc
8. Grass blade
9. Support cup
10. Support flange
11. Locknut
12. Operator's manual

- 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.

## Product damage

We are not responsible for damages to our product if:

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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.

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

### General safety instructions



**WARNING:** Read the safety instructions that follow before you use the attachment.

- Please read the operator's manual carefully and make sure you understand the instructions before using the attachment.
- These instructions supplement the instructions that were included with the product. For other procedures, please refer to the operating instructions for the product.
- Under no circumstances may the design of the attachment be modified without the permission of the manufacturer. Do not use an attachment that appears to have been modified by others and always use original accessories. Non-authorized modifications and/or accessories can result in serious personal injury or the death of the operator or others.

### Safety instructions for assembly

#### Assembly of trimmer heads



**WARNING:** When you install the cutting attachment it is very important that the raised section on the drive disc/support flange engages correctly in the centre hole of the cutting attachment. If the cutting attachment is install incorrectly it can result in serious and/or fatal personal injury.



**WARNING:** Never use a cutting attachment without an approved guard. See the chapter on Technical data. If an incorrect or faulty guard, or the J-handle is missing when using metallic cutting attachment, is fitted this can cause serious personal injury.

### Blade thrust causes and related warnings

Blade thrust is a sudden sideways, forward or backward motion of the machine, which may occur when the blade jams or catches on an object such as a sapling or a tree stump. It can be violent enough to cause the machine and/or operator to be propelled in any direction, and possibly loose control of the machine. Blade thrust and its related hazards can be avoided by taking proper precautions as given below.

- **Maintain a firm grip with both hands on the machine and position your arms to resist blade thrust. Position your body to the left side of the machine.** Blade thrust can increase the risk of injury due to the machine moving unexpectedly. Blade thrust can be controlled by the operator if proper precautions are taken.
- **If the blade binds, or when interrupting a cut for any reason, switch the machine off and hold the machine motionless in the material until the blade comes to a complete stop. While the blade is binding, never attempt to remove the machine from the material or pull the machine backward while the**

**blade is in motion, otherwise blade thrust may occur.**

Investigate and take corrective actions to eliminate the cause of blade binding.

- **Do not use blunt or damaged blades.** Blunt or damaged blades increase the risk of jamming or catching on an object, resulting in blade thrust.
- **Always maintain good visibility of the material being cut.** Blade thrust is more likely to occur in areas where it is difficult to see the material being cut.
- **If you are approached by another person while operating the machine, switch the machine off.** There is an increased risk of injury to other persons being struck by the moving blade in the event of blade thrust.

## Safety instructions for operation



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

- 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.
- Never use the product in bad weather, for instance in fog, in rain, strong winds, intense cold, etc. Extremely hot weather may cause overheating of the product.
- 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 metres while you work. When several operators are working in the same area the safety distance should be at least 15 metres. 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. Keep the product below waist level.
- 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.
- If any unwanted vibrations occur, tap out new line to give the line the correct length to stop the vibrations.
- Overexposure to vibration can lead to circulatory damage or nerve damage in persons who have poor circulation. Speak to your physician if you experience symptoms of overexposure to vibration. Such symptoms include numbness, loss of feeling, tingling, pricking, pain, loss of strength, changes in skin colour or condition. These symptoms usually show in the fingers, hands or wrists.
- Always hold the product with both hands. Hold the product on the right side of your body.
- Do not remove the cut material, or let other persons remove cut material, while the product is on or the cutting equipment rotates, as this can result in serious injury.

- 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.

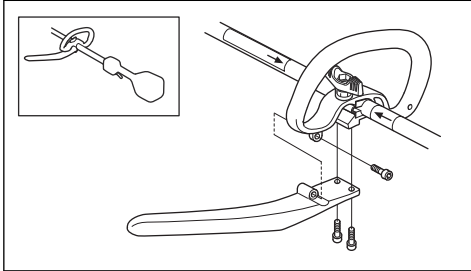
## Assembly

### To assemble the J-handle

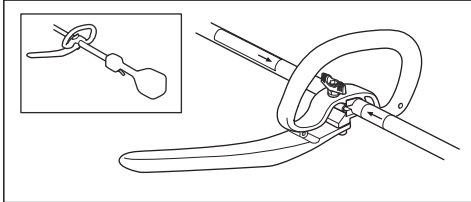


**WARNING:** Use the J-handle with grass blades/grass cutters or trimmer heads/plastic blades. Do not use saw blades or clearing blades with the J-handle.

1. Attach the J-handle to the loop handle with 3 screws.

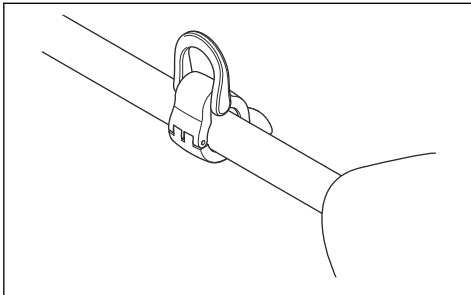


2. Adjust the product to an applicable work position.
3. Tighten the screws.



### To install the suspension ring

1. Install the suspension ring to the shaft between the rear handle and the loop handle.

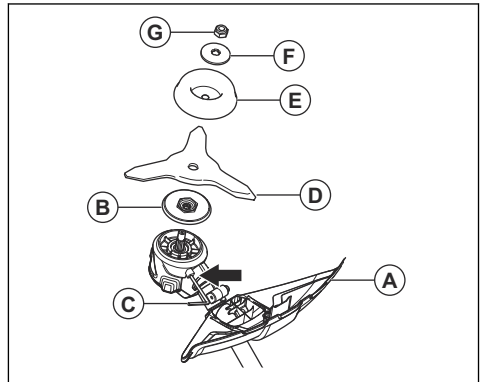


2. Adjust the ring and the single harness to make the product balanced and easy to use.

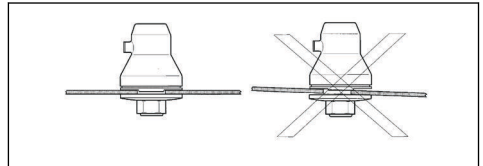
3. Attach the single harness to the suspension ring. Use the single harness when you operate the product.
4. Make sure that the single harness is easy to remove from the shoulder.

### To attach the grass blade

1. Put the gear of the product on a flat surface to make sure that the blade is assembled correctly.
2. Turn the output shaft to align one of the holes in the drive disc (B) with the related hole in the gear housing.
3. Put the locking pin (C) in the hole to lock the shaft.
4. Put the grass blade (D), the support cup (E) and the support flange (F) on the output shaft.

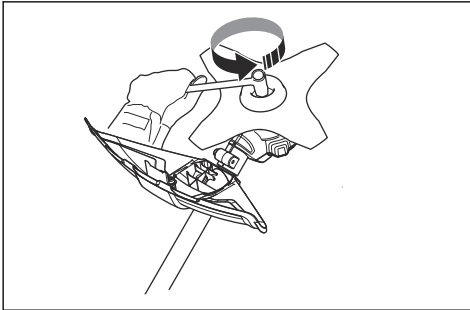


5. Make sure that the drive disc and support flange engages correctly in the center hole of the grass blade.



6. Attach the locknut (G).

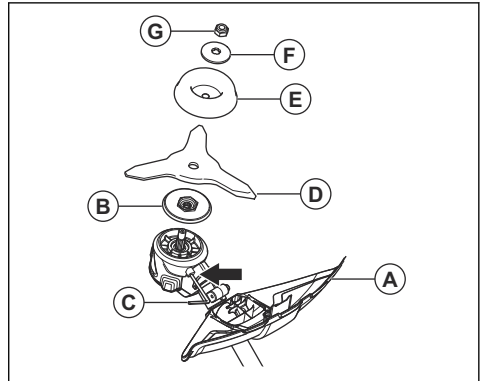
- Tighten the locknut with the socket wrench. Hold the shaft of the socket wrench near the blade guard. Tighten in the opposite direction to how the cutting attachment rotates. Tighten it to a torque of 35-50 Nm.



### To remove the grass blade

- Put the gear of the product on a flat surface to make sure that the blade is removed correctly.

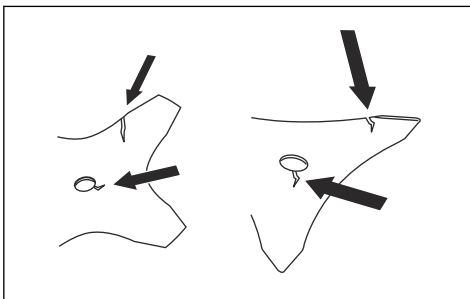
- Put the locking pin (C) into the hole on the shaft to lock the shaft.
- Remove the nut (G).
- Remove the support flange (F), the support cup (E) and the grass blade (D) from the output shaft.



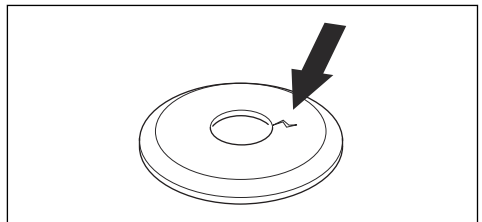
## Operation

### Before you operate the product

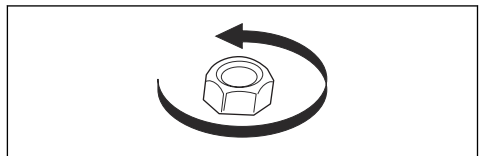
- Examine the work area to make sure that you know the type of terrain. Examine the slope of the ground and if there are obstacles such as stones, branches and ditches.
- Do an overhaul inspection of the product.
- Do the safety inspections, maintenance and servicing that are given in this manual.
- Make sure that all covers, guards, handles and the cutting equipment are correctly attached and not damaged before you start the product.
- Make sure that there are no cracks at the bottom, teeth or the center hole of the blade. Cracks most usually occurs because sharp corners are shaped at the bottom of the teeth while you sharpen the blades. Cracks can also occur if you use the blade with blunt teeth. Replace the blade if it is damaged.



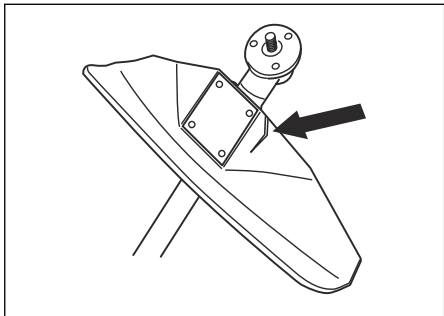
- Examine the support flange for cracks. Replace the support flange if it is damaged.



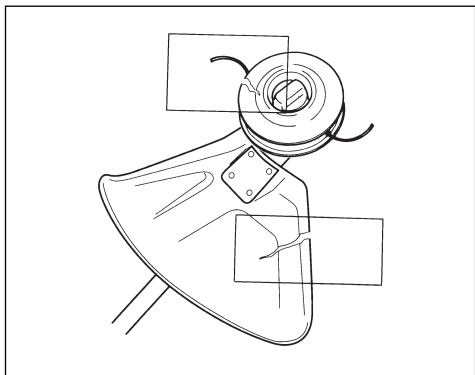
- Make sure that the locking force on the locknut is not decreased. The nut lock must have a locking force at a minimum of 1.5 Nm. The tightening torque of the locknut must be between 35-50 Nm.



- Examine the blade guard for damages or cracks. Replace the blade guard if it has been hit or if it has cracks.



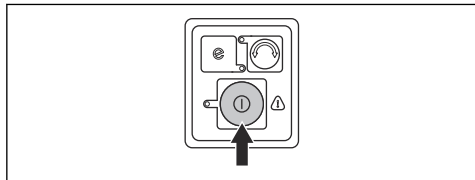
- Examine the trimmer head and cutting attachment guard for damages or cracks. Replace the trimmer head and cutting attachment guard if they have been hit or if they have cracks.



## To start the product

**Note:** The product identifies the cutting attachment when the cutting attachment is changed, is started and the throttle is pressed. The product stops and the LED flashes until the throttle is released and moves back to its initial position. The cutting attachment is at this time identified and prepared for operation.

- Press and hold the start button until the green LED is lit.

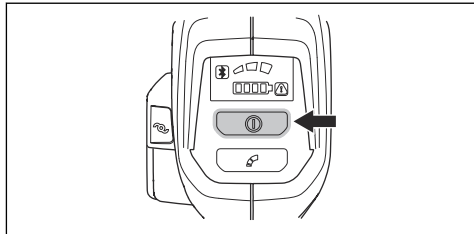


- Use the power trigger to control the speed.

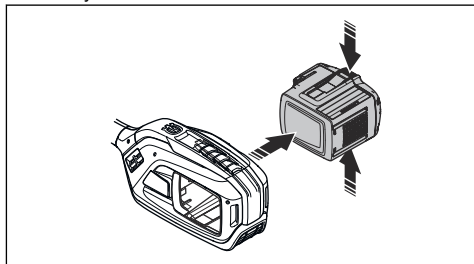
## To stop the product

- Release the power trigger or the power trigger lockout.

- Press the stop button.



- Push the release buttons on the battery and pull the battery out.

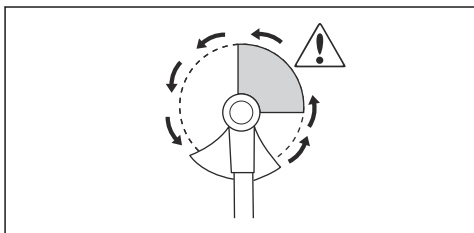


## Blade thrust

A blade thrust is when the product moves to the side quickly and with force. A blade thrust occurs when the grass blade hits or catches on an object that cannot be cut. A blade thrust can eject the product or operator in all directions. There is a risk of injury to the operator and bystanders.

The risk increases in areas where it is not easy to see the material that should be cut.

Do not cut with the area of the blade that is shown in grey in the illustration. The speed and movement of the blade can cause blade thrust. The risk increases with the thickness of the stem that is cut.



## To clear grass with a grass blade

- Grass blades and grass cutters must not be used on woody stems.
- A grass blade is used for all types of tall or coarse grass.

3. The grass is cut down with a sideways, swinging movement, where the movement from right-to-left is the clearing stroke and the movement from left-to-right is the return stroke. Let the left-hand side of the blade (between 8 and 12 o'clock) do the cutting.
4. If the blade is angled to the left when clearing grass, the grass will collect in a line, which makes it easier to collect, e.g. by raking.
5. Try to work rhythmically. Stand firmly with your feet apart. Move forward after the return stroke and stand firmly again.
6. Let the support cup rest lightly against the ground. It is used to protect the blade from hitting the ground.
7. Reduce the risk of material wrapping around the blade by always work at full speed and avoid the previously cut material during the return stroke.
8. Stop the motor, unclip the harness and place the machine on the ground before you start to collect the cut material.

## Maintenance

### Introduction



**WARNING:** Before you do any maintenance work you must read and understand the safety chapter.

### Maintenance schedule

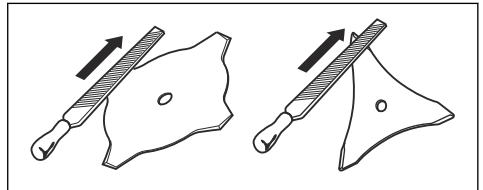
Refer to the operator's manual of the end product for maintenance schedule.

### To sharpen the grass knife and grass blade



**WARNING:** Stop the motor. Use protective gloves.

- To sharpen the grass knife or grass blade correctly, refer to the instructions that come with the cutting attachment.
- Sharpen all edges equally to keep the balance.
- Use a single-cut flat file.



**WARNING:** Always discard a blade that is damaged. Do not try to make a bent or twisted blade straight and use it again.

## Transportation, storage and disposal

### Transportation and storage

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

For more information, refer to the operator's manual of the end product.

## Technical data

### Technical data

<b>Approved accessories</b>		
Output shaft thread M10		
Center hole in blades/cutters, Ø 25.4 mm		
<b>Terms</b>	<b>Type</b>	<b>Cutting attachment guard</b>
Grass blade/grass cutter	Grass blade 255-4 (Ø 255 4 teeth)	577 01 83-05
Trimmer head	T25B (Ø 2.0 mm - Ø 2.4 mm Whisper line)	577 01 83-05
Support cup	Fixed	–
<b>Noise levels</b>		



Equivalent sound pressure level at the operator's ear, measured according to EN 62841-4-4 and ISO 22868, dB (A)	77
<b>Vibration levels</b> <sup>1</sup>	
Vibration levels at handles, measured according to EN 62841-4-4, m/s <sup>2</sup>	
Equipped with Grassblad 255-4, left/right	0.7/1.8

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<sup>1</sup> Reported data for vibration level has a typical statistical dispersion (standard deviation) of 2 m/s<sup>2</sup>.

# Declaration of Conformity

## EU Declaration of conformity

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

<b>Description</b>	Battery-operated Grass Trimmer
<b>Brand</b>	Husqvarna
<b>Type / Model</b>	Attachment kit J-handle 520iLX
<b>Identification</b>	Serial numbers dating from 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/EMC	"relating to electromagnetic compatibility"
2011/65/EU	"relating to restriction of hazardous substances"
2000/14/EC	"relating to outdoor noise"

and that the following standards and/or technical specifications are applied: EN 62841-1:2015+A11:2022, EN ISO 11806-1: 2022, EN ISO 12100: 2010, IEC 62841-4-4:2020, EN 55014-1:2017+A11:2020 (Emission), EN 55014-2:1997+A1:2001+A2:2008 (Immunity), EN IEC 63000:2018.



SMP Svensk Maskinprovning AB, Box 4053, SE-904 03 Umeå, Sweden has performed a voluntary type examination according to annex IX of 2006/42/EC. Certificate No: SEC/24/2592.

Notified body: SMP Svensk Maskinprovning AB has also verified agreement with annex V of the council's directive 2000/14/EC.

For information relating to noise emissions, refer to *Technical data on page 8*.

Huskvarna, 2024-06-01

Two handwritten signatures in black ink. The first signature is 'Stefan Holmberg' and the second is 'Johan...'. The signatures are written in a cursive, stylized font.

Mr. Stefan Holmberg, R&D Director, Technology Management, Husqvarna AB, SWEDEN

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:

<b>Description</b>	Battery-operated Grass Trimmer
<b>Brand</b>	Husqvarna
<b>Type / Model</b>	Attachment kit J-handle 520iLX
<b>Identification</b>	Serial numbers dating from 2024 and onwards

complies fully with the following UK regulations:

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

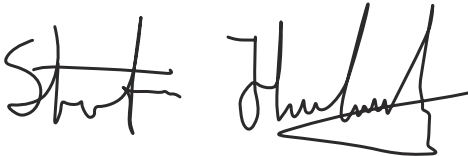
and that the following standards and/or technical specifications are applied: EN 62841-1:2015+A11:2022, EN ISO 11806-1: 2022, EN ISO 12100: 2010, IEC 62841-4-4:2020, EN 55014-1:2017+A11:2020 (Emission), EN 55014-2:1997+A1:2001+A2:2008 (Immunity), EN IEC 63000:2018.

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

Approved body: SMP Svensk Maskinprovning AB, Box 4053, SE-904 03 Umeå, Sweden has certified conformity with the Outdoor Noise Regulations of 2001, conformity assessment procedure: Schedule 9.

For information relating to noise emissions, refer to *Technical data on page 8*.

Husqvarna, 2024-06-01



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

Responsible for technical documentation

**UK  
CA**

# Husqvarna®

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

Original instructions



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2024-06-07