



Husqvarna®



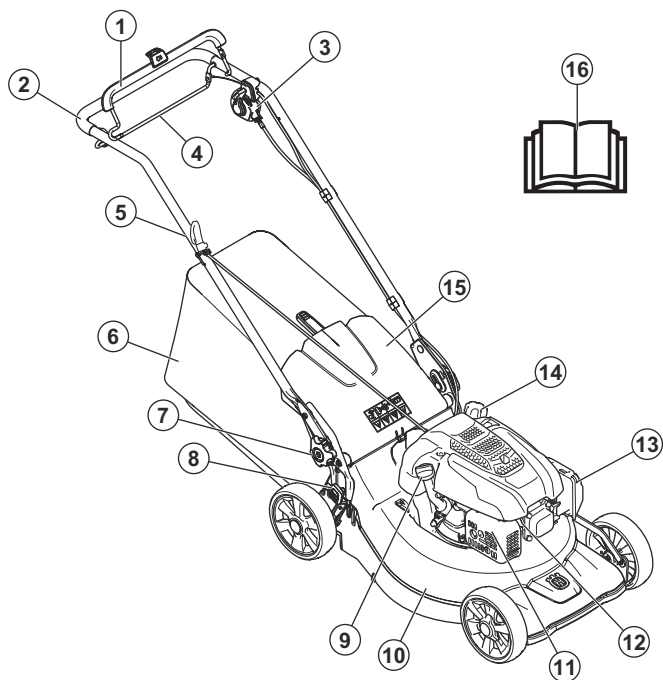
LC 551SP, LC 551VBP, LC 551VQ



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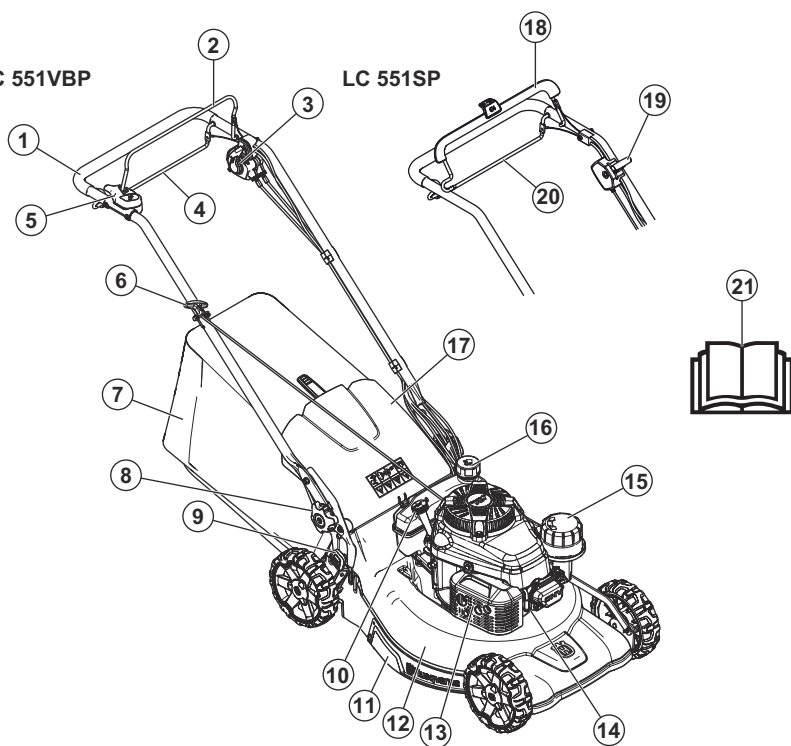
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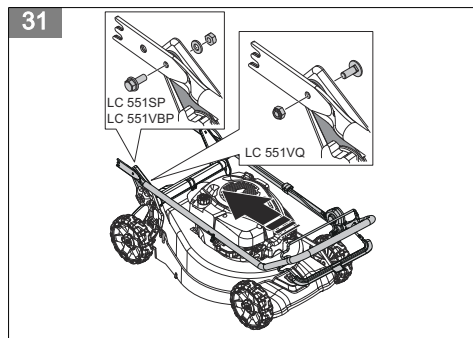
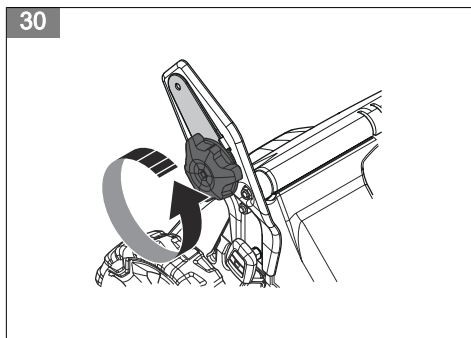
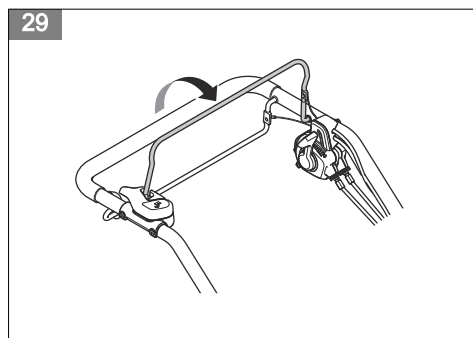
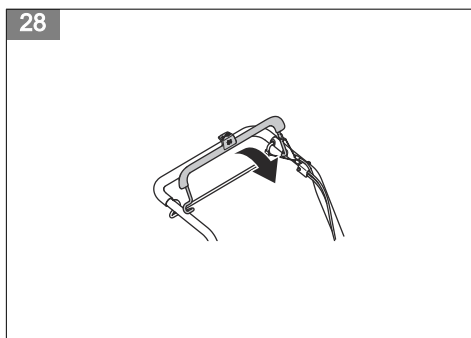
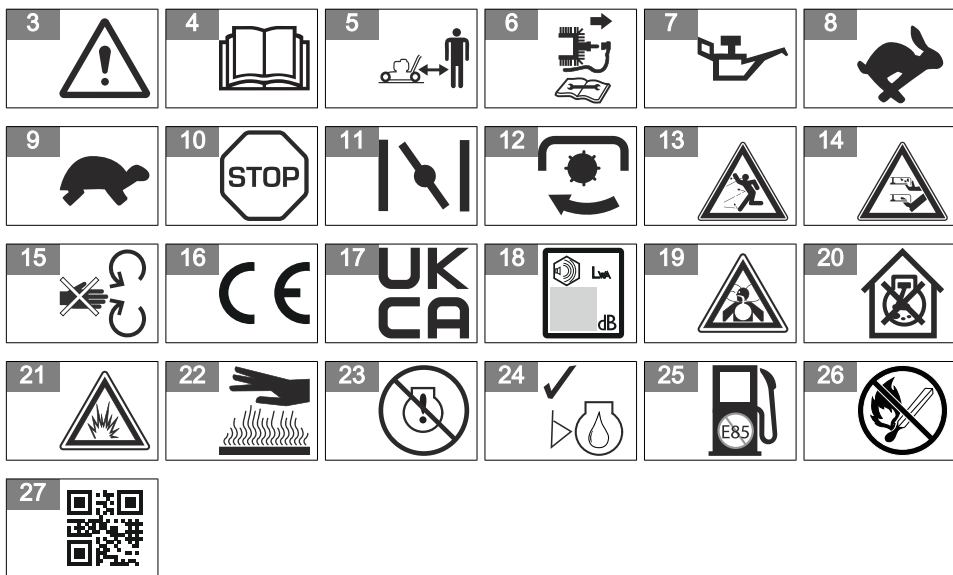


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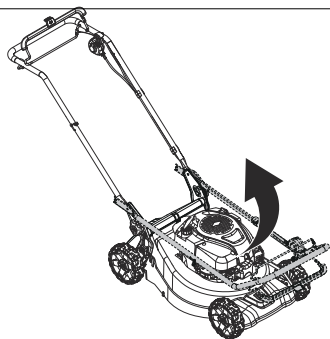
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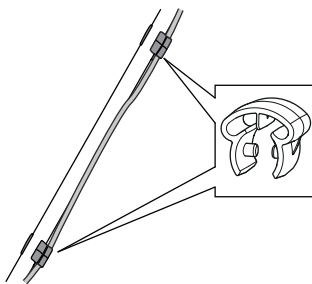




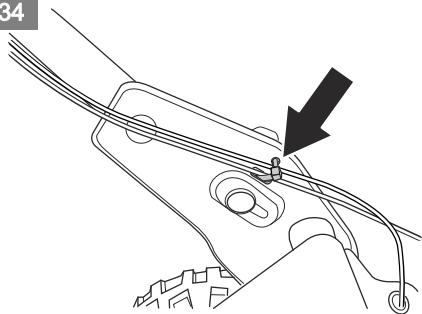
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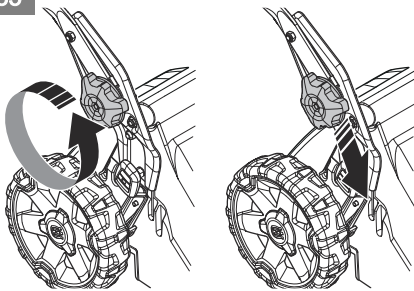
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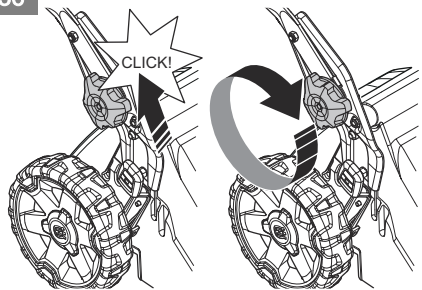
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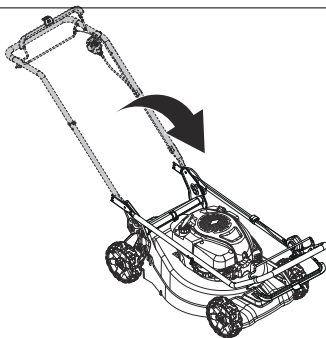
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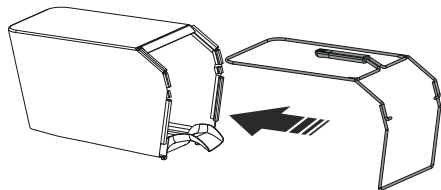
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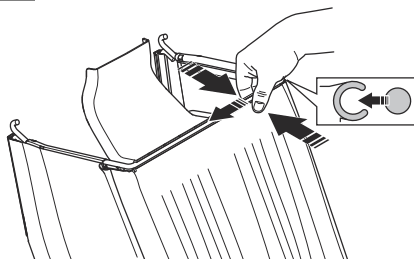
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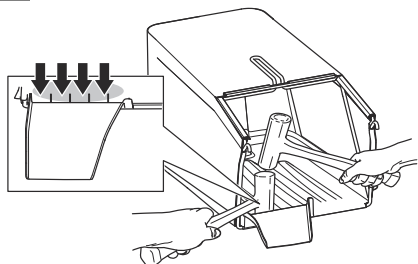
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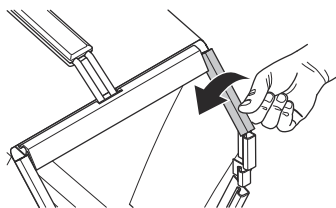
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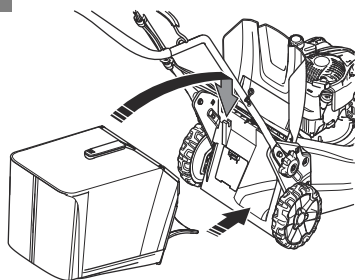
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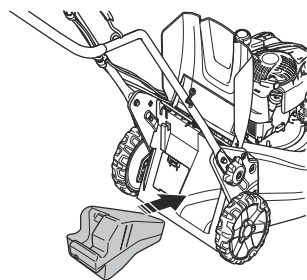
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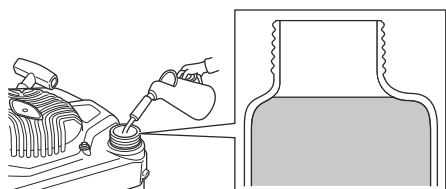
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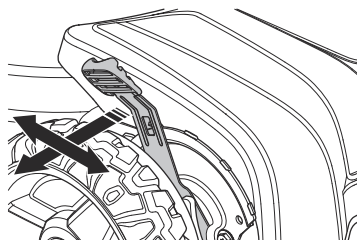
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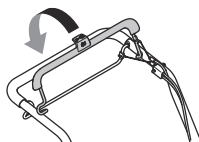
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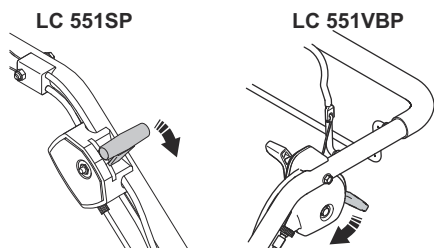
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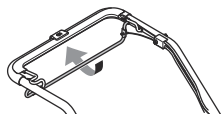
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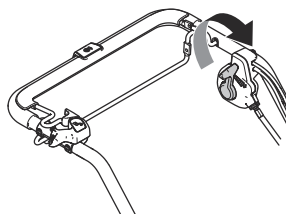
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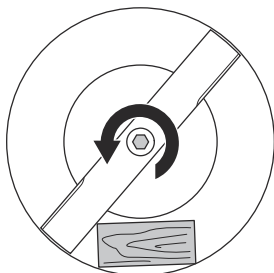
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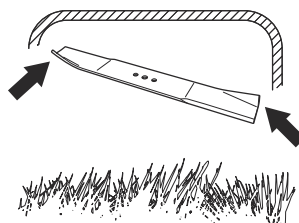
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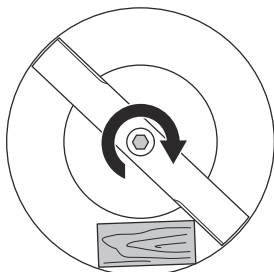
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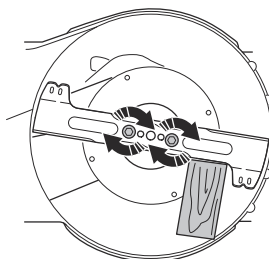
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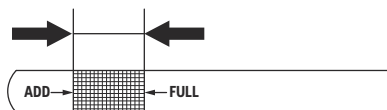
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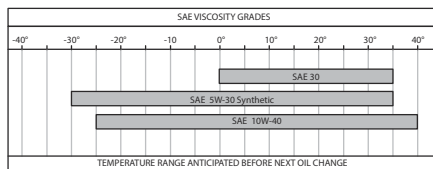
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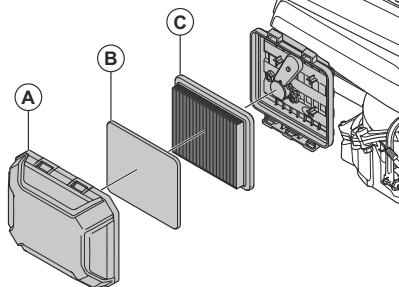
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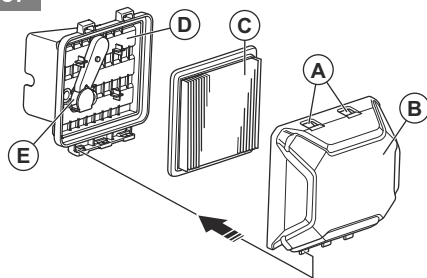
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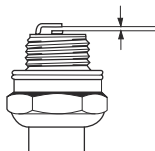
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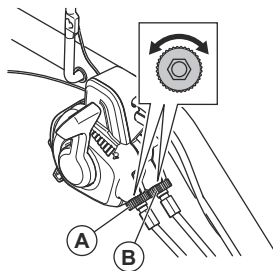
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Introduction

Product description

The product is a pedestrian-controlled rotary lawn mower. The grass is collected in a grass catcher. Remove the grass catcher to get rear discharge of the grass. Attach a mulch kit (accessory) to cut the grass into fertilizer.

Product overview

(Fig. 1)

1. Engine brake handle
2. Handle / handlebar
3. Speed control
4. Drive bail
5. Starter rope handle
6. Grass catcher
7. Handle height adjustment
8. Cutting height control

Product overview

(Fig. 2)

1. Handle / handlebar
2. Blade brake control (LC 551VBP)
3. Speed control / throttle control (LC 551VBP)
4. Drive bail (LC 551VBP)
5. Start inhibitor (LC 551VBP)
6. Starter rope handle
7. Grass catcher
8. Handle height adjustment
9. Cutting height control
10. Dipstick / oil tank
11. Side bumper (LC 551VBP)
12. Cutting cover
13. Muffler
14. Spark plug
15. Air filter
16. Fuel tank
17. Rear cover
18. Engine brake handle (LC 551SP)
19. Throttle control (LC 551SP)
20. Drive bail (LC 551SP)
21. Operator's manual

Intended use

Use the product to cut grass. Do not use the product for other tasks.

9. Dipstick / oil tank
10. Cutting cover
11. Muffler
12. Spark plug
13. Air filter
14. Fuel tank
15. Rear cover
16. Operator's manual

Symbols on the product

- (Fig. 3) Not careful or incorrect use can result in injury or death to the operator or bystanders.
- (Fig. 4) Read the operator's manual carefully and make sure that you understand the instructions before use.
- (Fig. 5) Keep persons and animals at a safe distance from the work area.
- (Fig. 6) Stop the engine and remove the ignition cable before repairs or maintenance.
- (Fig. 7) Oil
- (Fig. 8) Fast
- (Fig. 9) Slow
- (Fig. 10) Stop the engine
- (Fig. 11) Choke

(Fig. 12)	Blade clutch	(Fig. 22)	Hot surface
(Fig. 13)	Look out for thrown objects and ricochets.	(Fig. 23)	The engine is supplied without oil.
(Fig. 14)	Keep hands and feet away from the rotating blade.	(Fig. 24)	Fill with oil before you use the product.
(Fig. 15)	Keep hands and feet away from the rotating parts.	(Fig. 25)	Do not use E85 fuel.
(Fig. 16)	This product is in accordance with applicable EU directives.	(Fig. 26)	Keep the product away from open flames.
(Fig. 17)	This product conforms to applicable UK regulations.	(Fig. 27)	Scannable code.
(Fig. 18)	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 of the product is specified in <i>Technical data on page 18</i> and on the label		
(Fig. 19)	The exhaust fumes from the engine contain carbon monoxide, an odourless, poisonous and very dangerous gas. Do not run the product indoors or in closed spaces.		
(Fig. 20)	Do not run the product indoors or in closed spaces.		
(Fig. 21)	Risk of explosion.		

Note: Other symbols/decals on the product refer to market specific legal requirements.

Euro V Emissions



WARNING: Tampering with the engine voids the EU type-approval of this product.

Product damage

We are not responsible for damages to our product if:

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

Safety

Safety definitions

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



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



CAUTION: Used if there is a risk of damage to the product, other materials or the adjacent area if the instructions in the manual are not obeyed.

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

General safety instructions



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

- This product is dangerous if used incorrectly or if you are not careful. Injury or death can occur if you do not obey the safety instructions.
- This product 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 product.
- Always be careful and use your common sense. If you are not sure how to operate the product in a

special situation, stop and speak to your Husqvarna dealer before you continue.

- Keep in mind that the operator will be held responsible for accidents that involve other persons or their property.
- Keep the product clean. Make sure that you can clearly read signs and decals.
- Do not let a person use the product unless you make sure that they read and understand the contents of the operator's manual.
- Do not let a child operate the product.
- Keep children away from the work area. A responsible adult must be there at all times.
- Do not let a person, without knowledge of the instructions, operate the product.
- Always monitor a person, with decreased physical capacity or mental capacity, that uses the product. A responsible adult must be there at all times.
- Do not use the product if you are tired, ill, or under the influence of alcohol, drugs or medicine. This has a negative effect on your vision, alertness, coordination and judgment.
- Do not use a product that is damaged or does not operate correctly.
- Do not change this product or use it if it is possible that it has been changed by others.
- Do not change the adjustment for the engine speed control.

Work area safety



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

- Remove objects such as branches, twigs and stones from the work area before you use the product.
- Objects that hit against the cutting equipment can eject and cause damage to persons and objects. Keep bystanders and animals at a safe distance from the product.
- Never use the product in bad weather such as fog, rain, strong winds, intense cold and risk of lightning. To use the product in bad weather or in moist or wet locations is tiring. Bad weather can cause dangerous conditions, such as slippery surfaces.
- Look out for persons, objects and situations that can prevent safe operation of the product.
- Look out for obstacles, such as roots, stones, twigs, pits and ditches. Long grass can hide obstacles.
- To cut grass on slopes can be dangerous. Do not use the product on ground that slopes more than 15°.
- Operate the product across the face of slopes. Do not move up and down.
- Be careful when you go near hidden corners and objects that prevent a clear view.

Work safety



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

- Use this product to cut grass lawns only. It is not permitted to use it for other tasks.
- Use personal protective equipment. Refer to *Personal protective equipment on page 11*.
- Make sure that you know how to stop the engine quickly in an emergency.
- Never start the engine in a closed space or near flammable material. The exhaust fumes from the engine are hot and can contain sparks which can start a fire.
- Do not operate the product unless the blade and all covers are attached correctly. An incorrectly attached blade can come loose and cause personal injury.
- Make sure that the blade does not hit objects such as stones and roots. This can do damage to the blade and bend the engine shaft. A bent axle causes heavy vibration and a very high risk that the blade becomes loose.
- If the blade hits an object or if vibrations occur, stop the product immediately. Disconnect the ignition cable from the spark plug. Examine the product for damages. Repair damages or let an authorised service agent do the repair.
- Never attach the engine brake handle permanently to the handle when the engine is started.
- Put the product on a stable, flat surface and start it. Make sure that the blade does not hit the ground or other objects.
- Always stay behind the product when you operate it.
- Let all the wheels stay on the ground and keep 2 hands on the handle when you operate the product. Keep your hands and feet away from the rotating blades.
- Do not tilt the product when the engine is started.
- Be careful when you pull the product rearward.
- Never lift up the product when the engine is started. If you must lift the product, first stop the engine and disconnect the ignition cable from the spark plug.
- Do not walk rearward when you operate the product.
- Stop the engine when you move across areas without grass, for example paths made of gravel, stone and asphalt.
- Do not run with the product when the engine is started. Always walk when you operate the product.
- Stop the engine before you change the cutting height. Never make adjustments with the engine started.
- Never let the product stay out of view with the engine started. Stop the engine and make sure that the cutting equipment does not rotate.

Safety instructions for operation

Personal protective equipment



WARNING: Read the warning instructions that follow before 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 hearing protection if the noise level is higher than 85 dB.
- Use heavy-duty slip-resistant boots or shoes. Do not use open shoes or go with bare feet.
- Use heavy, long pants.
- Use protective gloves when necessary, for example when you attach, examine or clean the cutting equipment.

Safety devices on the product



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

- Do not use a product with safety devices that are damaged or do not operate correctly.
- Do a check of the safety devices regularly. If the safety devices are damaged or do not operate correctly, speak to your Husqvarna service agent.
- Do not make modifications to safety devices.

To do a check of the cutting cover

The cutting cover decreases vibrations in the product and decreases the risk of injury from the blade.

- Examine the cutting cover to make sure that there are no damages such as cracks.

To do a check of the engine brake handle (LC 551SP, LC 551VQ)

The engine brake handle stops the engine. When the engine brake handle is released, the engine stops.

- Start the engine and then release the engine brake handle. If the engine does not stop in 3 seconds, let an approved Husqvarna service agent adjust the engine brake. (Fig. 28)

To do a check of the blade brake control and the start inhibitor (LC 551VBP)

The blade brake control stops the blade only and not the engine. When the blade brake control is released, the blade stops.

1. Start the engine.

2. Push the blade brake control in the direction of the handlebar. The start inhibitor stops the movement.
3. Push the start inhibitor out.
4. Push the blade brake control in the direction of the handlebar. The blade starts to rotate.
5. Release the blade brake control. If the blade does not stop in 3 seconds, let an approved Husqvarna service agent adjust the blade brake. (Fig. 29)
6. Make sure that the start inhibitor goes back to its initial position.

Muffler

The muffler keeps the noise levels to a minimum and sends the exhaust fumes away from the operator.

Do not use the product if the muffler is missing or damaged. A damaged muffler increases the noise level and the risk of fire.



WARNING: The muffler becomes very hot during and after use and when the engine operates at idle speed. Be careful near flammable materials and/or fumes to prevent fire.

To do a check of the muffler

- Examine the muffler regularly to make sure that it is attached correctly and not damaged.

Fuel safety



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

- Do not start the product if there is fuel or engine oil on the product. Remove the unwanted fuel/oil and let the product dry.
- If you spill fuel on your clothing, change clothing immediately.
- Do not get fuel on your body, it can cause injury. If you get fuel on your body, use soap and water to remove the fuel.
- Do not start the product if the engine has a leak. Examine the engine for leaks regularly.
- Be careful with fuel. Fuel is flammable and the fumes are explosive and can cause injuries or death.
- Do not breathe in the fuel fumes, it can cause injury. Make sure that there is a sufficient airflow.
- Do not smoke near the fuel or the engine.
- Do not put warm objects near the fuel or the engine.
- Do not add the fuel when the engine is on.
- Make sure that the engine is cool before you refuel.
- Before you refuel, open the fuel tank cap slowly and release the pressure carefully.

- Do not add fuel to the engine in an indoor area. Not sufficient airflow can cause injury or death because of asphyxiation or carbon monoxide.
- Tighten the fuel tank cap fully. If the fuel tank cap is not tightened, there is a risk of fire.
- Move the product a minimum of 3 m / 10 ft from the position where you filled the tank before a start.
- Do not fill the fuel tank fully. Heat causes the fuel to expand. Keep a space at the top of the fuel tank.
- Never store the product with fuel in the fuel tank inside a building where ignition sources are present such as hot water heaters, space heaters or clothes dryers. Allow the engine to cool Before storing in any enclosure.

Safety instructions for maintenance



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

- The exhaust fumes from the engine contain carbon monoxide, an odourless, poisonous and very

dangerous gas. Do not start the engine indoors or in closed spaces.

- Before you do the maintenance on the product, stop the engine and remove the ignition cable from the spark plug.
- Use protective gloves when you do maintenance on the cutting equipment. The blade is very sharp and cuts can easily occur.
- Accessories and changes to the product that are not approved by the manufacturer, can cause serious injury or death. Do not change the product. Always use accessories that are approved by the manufacturer.
- If the maintenance is not done correctly and regularly, the risk of injury and damage to the product increases.
- Only do the maintenance as given in this owner's manual. All other servicing must be done by an approved Husqvarna service agent.
- Let an approved Husqvarna service agent do servicing on the product regularly.
- Replace damaged, worn or broken parts.

Assembly

Introduction



WARNING: Before you assemble the product, you must read and understand the safety chapter.



WARNING: Remove the spark plug cable from the spark plug before you assemble the product.

To assemble the handle

1. Loosen the lower knobs on the left and the right side of the product. Make sure that the plastic washer is in the recess in the handle bracket. (Fig. 30)
2. Install the handle folded forward as shown in the illustration. (Fig. 31)
 - a) Make sure that the plastic washer is between the handle and the handle bracket.
 - b) Attach the handle to the handle bracket.
3. Lift the handle up. (Fig. 32)
4. Tighten the knobs fully. To adjust the handle height, refer to *To adjust the handle height on page 12*.
5. Put the wires in the cable brackets. Make sure that the wires are not twisted. Attach the cable brackets to the handle. (Fig. 33)
6. Use a cable tie to attach the cables to the handle bracket. (Fig. 34)

To adjust the handle height

1. Loosen the lower knobs.
2. Move the knobs to the lower end of the grooves on the left and the right side of the product. (Fig. 35)
3. Set the handle height in 1 of the 2 available positions.
4. Move the knobs up in the direction of the handlebar until they stop and you hear a click. (Fig. 36)
5. Tighten the knobs fully.

To set the product in transport position

1. Remove the grass catcher.
2. Loosen the lower knobs.
3. Move the knobs to the lower end of the grooves on the left and the right side of the product. (Fig. 35)
4. Fold the handle forward. (Fig. 37)

To set the product in operation position

1. Lift the handlebar up. (Fig. 32)
2. Move the knobs up in the direction of the handlebar until they stop and you hear a click. (Fig. 36)
3. Tighten the knobs fully.

To assemble the grass catcher

1. Attach the grass catcher frame to the grass bag with the rigid part of the bag on the bottom. Keep the handle of the frame on top of the grass bag. (Fig. 38)

2. Attach the bottom of the grass catcher frame to the bottom of the grass bag. (Fig. 39)
 - a) Push the grass catcher frame into the groove. Start at the right side as shown in the illustration and move gradually to the left.
3. If the grass catcher frame is not easy to attach, hit the grass catcher frame carefully with a rubber mallet. Hit the grass catcher frame between the reinforcements. (Fig. 40)
4. Attach the grass bag to the grass catcher frame with the clips. (Fig. 41)
5. Lift the rear cover.
6. Attach the grass catcher to the top edge of the chassis.
7. Put the lower part of the grass catcher into the grass discharge channel. (Fig. 42)

To assemble the mulch plug (accessory)

1. Lift up the rear cover and remove the grass catcher.

2. Put the mulch plug into the discharge channel. (Fig. 43)
3. Replace the blade with the mulch blade that is supplied with the mulch kit. Refer to *To replace the blade on page 15*.

To cut grass without a grass catcher or mulch plug attached

- Lift up the rear cover and remove the grass catcher.
- If a mulch plug and a mulch blade are attached, remove them.
- Close the rear cover before you operate the product.

When you operate the product, the cut grass discharges below the rear cover.

Operation

Introduction



WARNING: Before you operate the product, you must read and understand the safety chapter.

Husqvarna Connect

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

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

To start to use Husqvarna Connect

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

Before you operate the product

1. Read the operator's manual carefully and make sure that you understand the instructions.
2. Examine the cutting equipment to make sure that it is correctly attached and adjusted. See *To examine the cutting equipment on page 15*.
3. Fill the fuel tank. See *To fill fuel on page 13*.
4. Fill the oil tank and do a check of the oil level. See *To do a check of the oil level on page 16*.

To fill fuel

If available, use low-emission/alkylate gasoline. If low-emission/alkylate gasoline is not available, use good quality unleaded gasoline or leaded gasoline with octane number not less than 90.



CAUTION: Do not use gasoline with an octane number less than 90 RON (87 AKI). This can cause damage to the product.

1. Open the fuel tank cap slowly to release the pressure.
2. Fill slowly with a fuel can. If you spill fuel, remove it with a cloth and let remaining fuel dry off. (Fig. 44)
3. Clean the area around the fuel tank cap.
4. Tighten the fuel tank cap fully. If the fuel tank cap is not tightened, there is a risk of fire.
5. Move the product a minimum of 3 m (10 ft) from the position where you filled the tank before a start.

To set the cutting height

The cutting height can be adjusted in 6 levels.

1. Push the cutting height control in the direction of the wheel and then rearward to increase the cutting height.
2. Push the cutting height control in the direction of the wheel and then forward to decrease the cutting height. (Fig. 45)



CAUTION: Do not set the cutting height too low. The blades can hit the ground if the surface of the lawn is not level.

To start the product (LC 551VQ)

1. Make sure that the ignition cable is connected to the spark plug.
2. Stay behind the product.
3. Hold the engine brake handle against the handlebar. (Fig. 46)
4. Hold the starter rope handle with your right hand.
5. Slowly pull out the starter rope until you feel some resistance.
6. Pull with force to start the engine.

To start the product (LC 551SP, LC 551VBP)

1. Make sure that the ignition cable is connected to the spark plug.
2. Stay behind the product.
3. Adjust the throttle control.
 - a) If the engine is cold, set the throttle control to the choke position. (Fig. 47)
 - b) If the engine is warm, do not set the throttle control to the choke position.
4. On model LC 551SP, hold the engine brake handle against the handlebar. (Fig. 46)
5. Hold the starter rope handle with your right hand.
6. Slowly pull out the starter rope until you feel some resistance.
7. Pull with force to start the engine.
8. Set the throttle control to full throttle.
9. On model LC 551VBP:
 - a) Release the start inhibitor.
 - b) Push the blade brake control in the direction of the handlebar to start the blades.

To use the drive on the wheels

- Pull the drive bail in the direction of the handlebar. (Fig. 48)
- For model LC 551VQ and model LC 551VBP: Adjust the drive speed with the speed control on the left side of the handle. Move the speed control forward to increase the speed and rearward to decrease the speed. (Fig. 49)
- Before you pull the product rearward, disengage the drive and push the product forward approximately 10 cm.
- Release the drive bail to disengage the drive, for example when you go near an obstacle.

To stop the product (LC 551SP, LC 551VQ)

- To stop the drive only, release the drive bail.
- To stop the engine, release the engine brake handle.

To stop the product (LC 551VBP)

- To stop the drive only, release the drive bail.
- To stop the engine, move the throttle control to the stop position.

To get a good result

- Always use a sharp blade. A blunt blade gives an irregular result and the cut surface of the grass becomes yellow. A sharp blade also uses less energy than a blunt blade.
- Do not cut more than $\frac{1}{3}$ of the length of the grass. Cut first with the cutting height set high. Examine the result and lower the cutting height to an applicable level. If the grass is very long, drive slowly and cut 2 times if necessary.
- Cut in different directions each time to prevent stripes in the lawn.
- Keep the cutting cover clean. Buildup from grass and dirt on the inner side of the cutting cover can decrease the cutting result. Refer to *To clean the inner surface of the cutting cover on page 15*.

Maintenance

Introduction



WARNING: Before you do maintenance, you must read and understand the safety chapter.

For all servicing and repair work on the product, special training is necessary. We guarantee the availability of professional repairs and servicing. If your dealer is not a service agent, speak to them for information about the nearest service agent.

For more detailed information, refer to www.husqvarna.com.

Maintenance schedule



CAUTION: Make sure that the air filter is up and not against the ground when you tilt the product. Risk of engine damage.

The maintenance intervals are calculated from daily use of the product. The intervals change if the product is not used daily.

For maintenance identified with * refer to instructions in *Safety devices on the product on page 11.*

Maintenance	Daily	Weekly	Monthly
Do a general inspection	X		
Examine the oil level	X		
Clean the product	X		
Examine the cutting equipment	X		
Examine the cutting cover *	X		
Examine the engine brake handle * LC 551SP, LC 551VQ	X		
Examine the blade brake control * LC 551VBP	X		
Examine the muffler *		X	
Examine the spark plug		X	
Replace the oil (the first time after 5 h use, then after each 50 h use and yearly) LC 551SP, LC 551VBP			X
Replace the oil (first time after 5 h use, then after each 100 h use and yearly) LC 551VQ			X
Clean or replace the air filter			X
Examine the fuel system			X

To do a general inspection

- Make sure that all nuts and screws on the product are tightened correctly.

To clean the product

- Clean plastic parts with a clean and dry cloth.
- Do not use water to clean the product. Water can enter the battery or the motor and cause short circuit or damage to the product.
- Do not use a high pressure washer to clean the product.
- Do not flush water directly on the motor.
- Use a brush to remove leaves, grass and dirt.
- Remove the clutch cover, use a brush to remove grass below the clutch cover. (LC 551VBP)

To clean the inner surface of the cutting cover

1. Empty the fuel tank.
2. Put the product on its side with the muffler down.



CAUTION: If the product is put with the air filter down, the engine can become damaged.

3. Hose down the inner surface of the cutting cover with water.

To examine the cutting equipment



WARNING: To prevent accidental start remove the ignition cable from the spark plug.



WARNING: Use protective gloves when you do maintenance on the cutting equipment. The blade is very sharp and cuts can easily occur.

1. Examine the cutting equipment for damage or cracks. Always replace a damaged cutting equipment.
2. Look at the blade to see if it is damaged or blunt.

Note: It is necessary to balance the blade after it is sharpened. Let a service center sharpen, replace and balance the blade. If you hit an obstacle that causes the product to stop, replace the damaged blade. Let the service center estimate if the blade can be sharpened or must be replaced.

To replace the blade

1. Lock the blade with a block of wood. (Fig. 50)
2. Remove the blade bolt.
3. Remove the blade.

4. Examine the blade support and blade bolt for damage.
5. Examine the engine shaft to make sure that it is not bent.
6. When you attach the new blade, point the angles of the blade in the direction of the cutting cover. (Fig. 51)
7. Make sure that the blade is aligned with the center of the engine shaft.
8. Lock the blade with a block of wood. (Fig. 52)
9. Attach the blade.
 - a) On model LC 551SP, LC 551VQ, attach the spring washer and tighten the bolt and washer with a torque of 70 Nm.
 - b) On model LC 551VBP, tighten the bolts with a torque of 50 Nm. (Fig. 53)
10. Pull the blade around by hand and make sure that it turns freely.



WARNING: Use heavy duty gloves. The blade is very sharp and injuries can easily occur.

11. Start the product to do a test of the blade. If the blade is not correctly attached, there is vibration in the product or the cutting result is unsatisfactory.

To do a check of the oil level



CAUTION: A too low oil level can do damage to the engine. Do a check of the oil level before you start the product.

1. Put the product on level ground.
2. Remove the oil tank cap and the attached dipstick.
3. Clean the oil from the dipstick.
4. Push the dipstick fully into the oil tank.
 - a) Do not attach the oil tank cap on LC 551SP, LC 551VBP.
 - b) Attach the oil tank cap on LC 551VQ.
5. Remove the oil tank cap and the dipstick.
6. Examine the oil level on the attached dipstick.
7. If the oil level is low, fill with engine oil and do a check of the oil level again. (Fig. 54)

Note: Use a funnel to prevent spill.

8. Install the oil tank cap when the oil level is correct.

To replace the engine oil



WARNING: Engine oil is very hot directly after the engine is stopped. Let the engine become cool before you drain the

engine oil. If you spill engine oil on your skin, clean with soap and water.

(Fig. 55)

1. Remove the ignition cable from the spark plug.
2. Remove the oil tank cap.
3. Drain the engine oil.
 - a) For models with an oil drain plug: Put a container below the oil drain plug, to collect the engine oil in.
 - b) For models without an oil drain plug or if it is not possible to put a container below the oil drain plug: Use an oil pump (accessory) to drain the engine oil from the oil tank.
4. Fill with new engine oil of the type recommended in *Technical data on page 18*.
5. Do a check of the oil level. Refer to *To do a check of the oil level on page 16*.

To fill and replace the engine oil

- For information on how to fill and replace the engine oil, refer to the operator's manual for the engine.

To clean and replace the air filter (LC 551SP, LC 551VBP)

- For information on how to clean and replace the air filter, refer to the operator's manual for the engine.

To remove and install the air filter (LC 551VQ)



WARNING: Use protective gloves.

1. Push the clips on the air filter cover.
2. Carefully remove the air filter cover (A) from the engine.
3. Remove the air filter (B) and the foam filter (C). (Fig. 56)
4. Examine the air filter for damages. Replace a damaged air filter.
5. Clean and examine the air filter. Refer to *To clean the air filter (LC 551VQ) on page 16*.
6. Install in the opposite sequence.

To clean the air filter (LC 551VQ)



CAUTION: Do not operate the engine without an air filter attached or if the air filter is dirty.



CAUTION: Replace the air filter if it cannot be fully cleaned or if it is damaged. A damaged air filter causes damage to the engine.

1. Push the latch tabs (A), remove the air filter cover (B) and remove the air filter (C). (Fig. 57)
2. Hit the air filter against a hard surface or blow compressed air through the air filter from the clean side of the air filter.



CAUTION: Do not use a brush to remove dirt as this pushes the dirt into the air filter.

3. Clean the air filter holder (D) and the air filter cover with a moist cloth.



CAUTION: Make sure that no dirt goes into the air duct (E).

4. Install the air filter. Make sure that the air filter fully seals against the air filter holder.
5. Install the air filter cover with the bottom tabs first.

To do a check of the spark plug



CAUTION: Always use the recommended spark plug type. Incorrect spark plug type can cause damage to the product.

- Do a check of the spark plug if the engine is low on power, is not easy to start or does not operate correctly at idle speed.

- To decrease the risk of unwanted material on the spark plug electrodes, obey these instructions:
 - a) Make sure that the idle speed is correctly adjusted.
 - b) Make sure that the fuel mixture is correct.
 - c) Make sure that the air filter is clean.
- If the spark plug is dirty, clean it and make sure that the electrode gap is correct, refer to *Technical data on page 18*. (Fig. 58)
- Replace the spark plug if it is necessary.

To examine the fuel system

- Examine the fuel tank cap and the seal for the fuel tank cap to make sure that there are no damages.
- Examine the fuel hose to make sure that there are no leaks. If the fuel hose is damaged, let a service agent replace it.

To adjust the speed control and throttle control

The speed control adjusts the drive speed. The throttle control adjusts the engine speed.



CAUTION: Do not adjust the speed control when the engine is on.

1. To adjust the drive speed, turn the adjuster screw (A) to adjust the length of the cable sheath. Make the cable sheath shorter to increase the drive speed.
2. If the choke position or stop position cannot be engaged, adjust the engine speed. Turn the adjuster screw (B). (Fig. 59)

Transportation, storage and disposal

Transportation and storage

- For storage and transportation of the product and fuel, make sure that there are no leaks or fumes. Sparks or open flames, for example from electrical devices or boilers, can start a fire.
- Always use approved containers for storage and transportation of fuel.
- Empty the fuel tank before you put the product in storage for a long period of time. Discard the fuel at an applicable disposal location
- Safely attach the product during transportation to prevent damage and accidents.

- Keep the product in a locked area to prevent access for children or persons that are not approved.
- Keep the product in a dry and frost free area.

Disposal

- Obey the local recycling requirements and applicable regulations.
- Discard all chemicals, such as engine oil or fuel, at a service center or at an applicable disposal location.
- When the product is no longer in use, send it to a Husqvarna dealer or discard it at a recycling location.

Technical data

Technical data

	LC 551SP	LC 551VBP	LC 551VQ
Engine			
Brand	Kawasaki	Kawasaki	Husqvarna
Model	FJ180V	FJ180V	HS 166AP
Engine type	Single cylinder, 4-Stroke, Forced Air Cooling, OHV	Single cylinder, 4-Stroke, Forced Air Cooling, OHV	Single cylinder, 4-Stroke, Forced Air Cooling, OHV
Displacement, cm ³	179	179	166
Speed, rpm	2800	2800	2800
Nominal engine output, kW ¹	2.9	2.9	2.7
Ignition system			
Spark plug	NGK BPR5ES	NGK BPR5ES	Husqvarna HQT-7
Electrode gap, mm	0.6–0.8	0.6–0.8	0.7-0.8
Fuel and lubrication system			
Engine lubrication type	Pressure with Oilfilter	Pressure with Oilfilter	Splash
Fuel tank capacity, l	1.9	1.9	1.5
Oil tank capacity, l	0.7	0.7	0.5
Engine oil ²	Husqvarna SAE30, Husqvarna SAE 5W-30 Synthetic, Husqvarna SAE 10W-40	Husqvarna SAE30, Husqvarna SAE 5W-30 Synthetic, Husqvarna SAE 10W-40	Husqvarna SAE30, Husqvarna SAE 5W-30 Synthetic, Husqvarna SAE 10W-40
Weight			
With empty tanks, kg	48.5	52.5	51.0
Noise emissions ³			
Sound power level, measured dB (A)	97	96	97
Sound power level, guaranteed L _{WA} dB (A)	98	98	98

¹ The power rating of the engine indicated is the average net output (at specified rpm) of a typical production engine for the engine model measured to SAE standard J1349/ISO1585. Mass production engines may differ from this value. Actual power output for the engine installed on the final product will depend on the operating speed, environmental conditions and other values.

² Use engine oil of quality SF, SG, SH, SJ or higher. If SAE-30 oil is used at temperature lower than +5 °C, there is a risk that it does not lubricate the engine sufficiently. This can cause engine damage. Refer to *To replace the engine oil on page 16* for the correct oil for low temperatures. Refer to the viscosity chart in the engine manual (if included) and select the best viscosity based on the expected outside temperature.

³ Noise emissions in the environment measured as sound power (L_{WA}) in conformity with EC directive 2000/14/EC.

	LC 551SP	LC 551VBP	LC 551VQ
Sound levels ⁴			
Sound pressure level at the operator's ear, dB (A)	87	84	86
Vibration levels ⁵			
Handle, m/s ²	4.5	4.5	3.2
Cutting equipment			
Cutting height, mm	26–74	26–74	26–74
Cutting width, mm	510	510	510
Blade	Collect	Collect	Collect
Article number	5875908-10	5821494-10	5875908-10
Grass catcher capacity, l	65	65	65
Drive			
Speed, km/h	4.1	2.8–5	2.8-5

⁴ Noise pressure level according to ISO 5395. Reported data for noise pressure level has a typical statistical dispersion (standard deviation) of 1.2 dB (A).

⁵ Vibration level according to ISO 5395. Reported data for vibration level has a typical statistical dispersion (standard deviation) of 0.2 m/s².

Declaration of Conformity

EU Declaration of Conformity

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

Description	Lawn Mower
Brand	Husqvarna
Type / Model	LC 551SP, LC 551VBP, LC 551VQ
Identification	Serial numbers dating from 2022 and onwards

complies fully with the following EU directives and regulations:

Regulation	Description
2006/42/EC	"relating to machinery"
2014/30/EU	"relating to electromagnetic compatibility"
2000/14/EC	"relating to the noise emissions in the environment"
2011/65/EU	"on the restriction of the use of certain hazardous substances in electrical and electronic equipment"

and that the following standards and/or technical specifications are applied: EN ISO 5395-1:2013/ A1:2018, EN ISO 5395-2:2013/A1:2016/A2:2017, EN ISO 14982:2009, EN IEC 63000:2018

Notified Body: 0404, RISE SMP Svensk Maskinprovning AB, Box 4053, SE-904 03 Umeå, Sweden has certified conformity with the council's directive 2000/14/EC, conformity assessment procedure: Annex VI.

For information relating to noise emissions, refer to *Technical data on page 18*.

Huskvarna, 2022-09-29



Claes Losdal, Development Manager/Garden Products
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	Lawn Mower
Brand	Husqvarna
Type / Model	LC 551SP, LC 551VBP, LC 551VQ
Identification	Serial numbers dating from 2022 and onwards

complies fully with the following UK regulations:

Description
The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012
The Supply of Machinery (Safety) Regulations 2008
The Noise Emission in the Environment by Equipment for use Outdoors Regulations 2001, schedule 9
Electromagnetic Compatibility Regulations 2016

and that the following standards and/or technical specifications are applied: EN ISO 5395-1:2013/ A1:2018, EN ISO 5395-2:2013/A1:2016/A2:2017, EN ISO 14982:2009, EN IEC 63000:2018

Approved Body: 0888, HORIBA MIRA Certification Ltd. Watling Street, Nuneaton, Warwickshire, CV10 0TU, UK, has carried out certified conformity according to the Outdoor Noise Regulations of 2001, conformity assessment procedure: Schedule 9.

For information relating to noise emissions, refer to *Technical data on page 18*.

Husqvarna, 2023-06-30



Claes Losdal, Development Manager/Garden Products
Husqvarna AB

Responsible for technical documentation



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