



Husqvarna[®]



LC 219, LC 419

EN	Operator's manual
ZH	操作手册

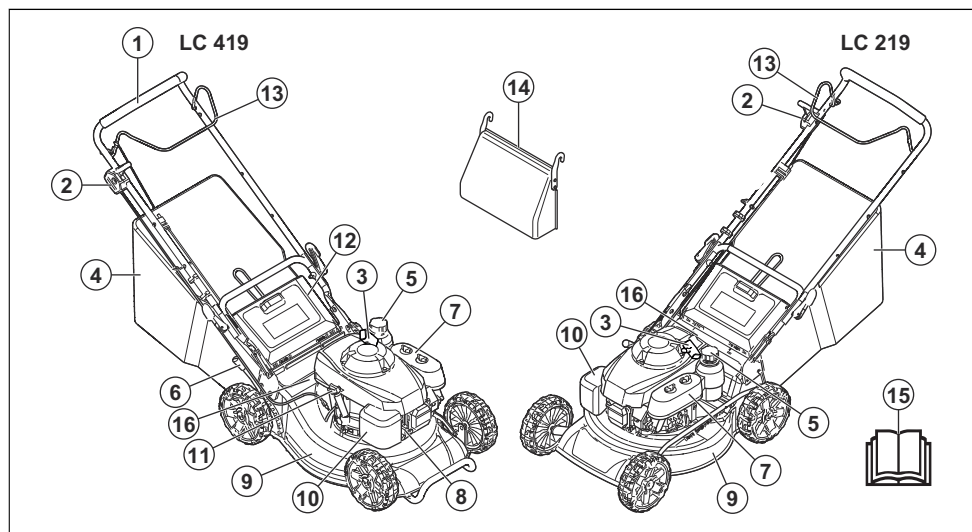
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Contents

Introduction.....	2	Maintenance.....	8
Safety.....	3	Troubleshooting.....	11
Assembly.....	6	Transportation, storage and disposal.....	12
Operation.....	7	Technical data.....	13

Introduction

Product overview



1. Handle
2. Throttle control
3. Starter rope handle
4. Grass catcher
5. Fuel tank cap
6. Cutting height lever
7. Air filter
8. Spark plug
9. Cutting cover
10. Muffler
11. Oil tank cap
12. Rear cover
13. Engine brake handle
14. Deflector
15. Operator's manual
16. Rating plate

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.

Intended use

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

Symbols on the product



WARNING: Be careful and use the product correctly. This product can cause serious injury or death to the operator or others.



Read the operator's manual carefully and make sure that you understand the instructions before use.



Engine off.



Warning: rotating blade. Keep hands and feet clear.



Warning: rotating parts. keep hands and feet clear.



Look out for thrown objects and ricochets.



Keep persons and animals at a safe distance from the work area.



Stop the engine and remove the ignition cable before repairs or maintenance.



Choke.



Adjusts the engine throttle to high speed.



Adjusts the engine throttle to low speed.

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

Product liability

As referred to in the product liability laws, we are not liable for damages that our product causes 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.
- 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 the product if it is defective.
- Do not change this product or use it if it is possible that it has been changed by others.

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 4*.
- 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 defective safety devices.
- Do a check of the safety devices regularly. If the safety devices are defective, speak to your Husqvarna service agent.

To do a check of the cutting cover

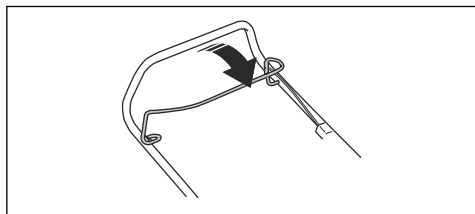
The cutting cover decreases vibrations in the product and decreases the risk of injury from the blade.

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

Engine brake handle

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

To do an inspection of the engine brake, 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.



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 defective. A defective 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.

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



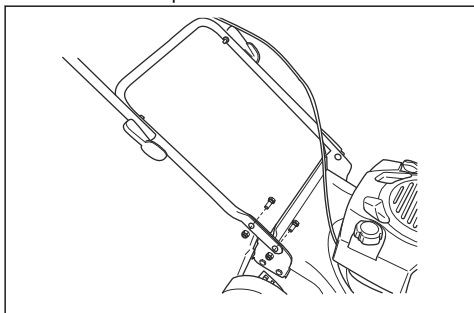
WARNING: Before you assemble the product, you must read and understand the safety chapter.



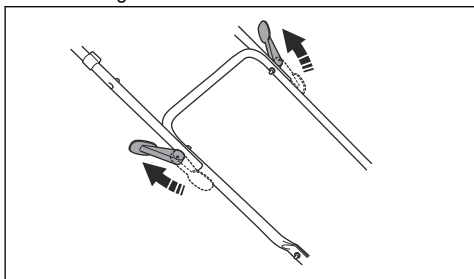
WARNING: Remove the spark plug cable from the spark plug before you assemble the product.

To assemble the handle

1. Attach the lower handle with 2 screws and nuts on each side of the product.

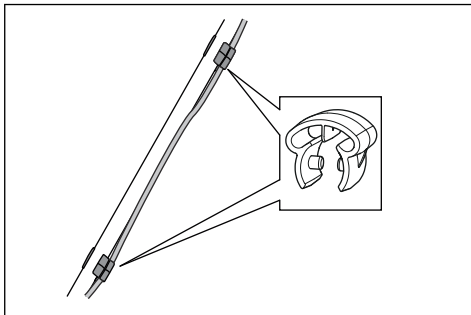


2. Lift the upper handle until it aligns with the lower handle. Tighten the knobs.



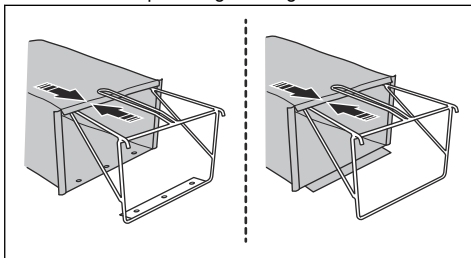
CAUTION: Be careful and do not cause damage to the cables when you lift the upper handle.

3. Put the wires in the cable brackets. Make sure that the wires are not twisted. Attach the cable brackets to the handle.

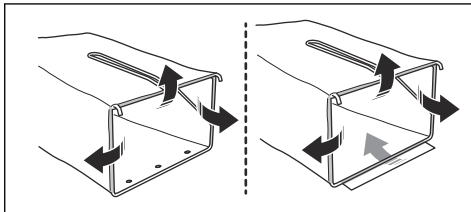


To assemble the grass catcher

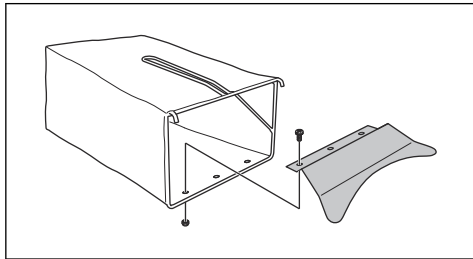
1. Put the grass catcher frame into the fabric grass bag. Make sure that the handle on the grass catcher frame is on top of the grass bag.



2. Attach the grass bag to the grass catcher frame with the clips found on the fabric bag edge.



- a) For LC 219, attach the flange to the grass catcher frame with 3 bolts.



- b) Tighten the nuts.
3. Lift the rear cover.
 4. Attach the grass catcher to the top edge of the chassis.
 5. Put the lower part of the grass catcher into the grass discharge channel.

Operation

Introduction



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

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 9*.
3. Fill the fuel tank. See *To fill fuel on page 7*.
4. Fill the oil tank and do a check of the oil level. See *To do a check of the oil level on page 10*.

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.



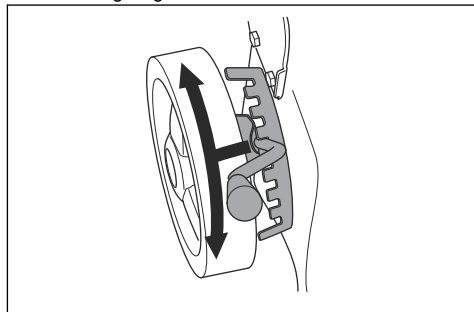
CAUTION: Do not use gasoline with an octane number less than 90 RON (87 AKI). This can cause damage to the product.

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.
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

1. Stop the engine.

2. Move the cutting height lever rearward to increase the cutting height.
3. Move the cutting height lever forward to decrease the cutting height.

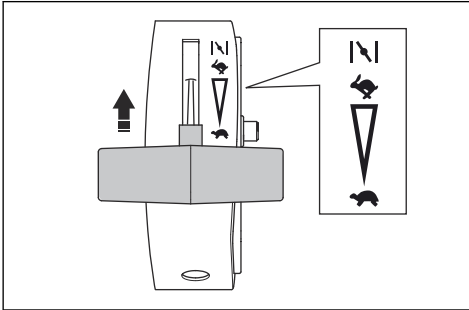


CAUTION: Do not set the cutting height too low. The blades can hit the ground if the surface of the lawn is not level.

To start the product

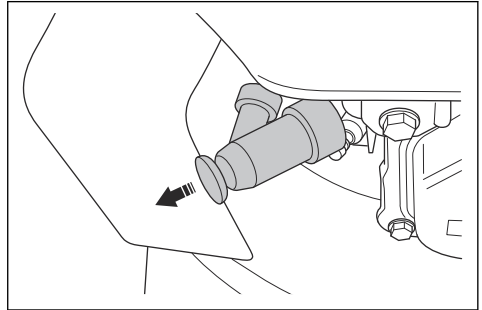
1. Make sure that the ignition cable is connected to the spark plug.
2. Stay behind the product.
3. Adjust the throttle control.

- a) If the engine is cold, set the throttle control to the choke position.



- b) If the engine is warm, do not set the throttle control to the choke position.

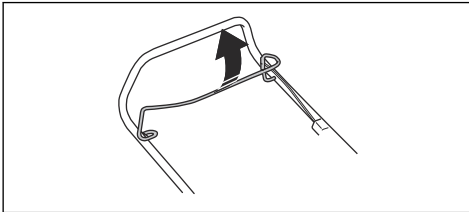
- If the engine does not stop, disconnect the ignition cable from the spark plug.



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.

4. Hold the engine brake handle against the handlebar.



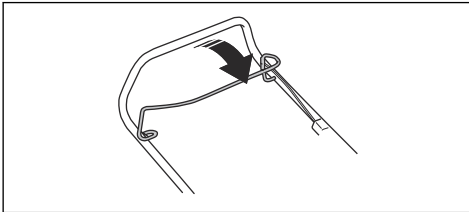
5. Hold the starter rope handle with your right hand.

6. Slowly pull out the starter rope until you feel some resistance.

7. Pull with force to start the engine.

To stop the product

- To stop the engine, release the engine brake handle.



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.

Maintenance schedule

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 5.*

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		
Clean the air filter		X	
Clean the cooling fins on the cylinder		X	
Examine the muffler *		X	
Examine the spark plug		X	
Replace the oil (the first time after 5 h use, then after each 20 h use and yearly)			X
Replace the air filter			X
Examine the fuel system			X
Examine and adjust the drive (clutch wire)			X

To do a general inspection

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

To clean the product externally

- Use a brush to remove leaves, grass and dirt.
- Make sure that the air intake on the top of the engine is not blocked.
- Do not use a high pressure washer to clean the product.
- If you use water to clean the product, do not flush water directly on the engine.

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.



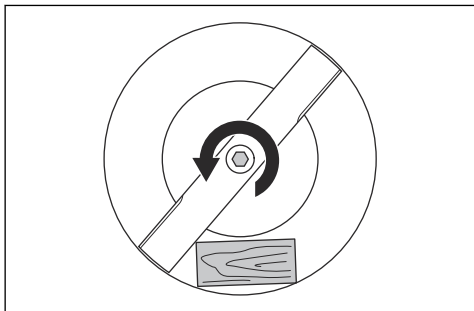
WARNING: Use protective gloves when you do maintenance on the cutting equipment. The blade is very sharp and cuts can easily occur.

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.

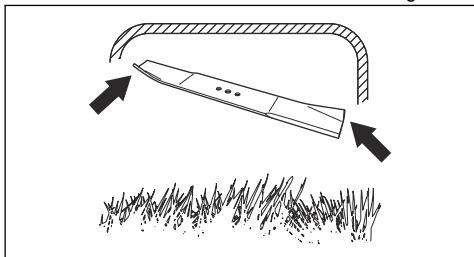
Note: It is necessary to balance the blade after it is sharpened. Let a service center sharpen, replace and balance the blade. If you hit an obstacle that causes the product to stop, replace the damaged blade. Let the service center estimate if the blade can be sharpened or must be replaced.

To replace the blade

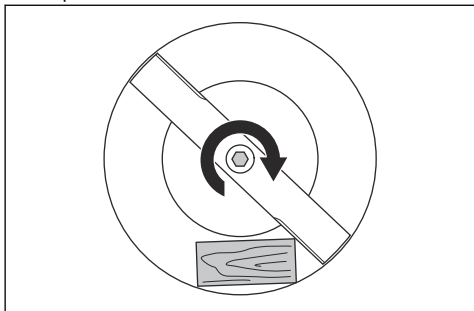
1. Lock the blade with a block of wood.



2. Remove the blade bolt.
3. Remove the blade.
4. Examine the blade support and blade bolt to see if there are damages.
5. Examine the engine shaft to make sure that it is not bent.
6. When you attach the new blade, point the angled ends of the blade in the direction of the cutting cover.



7. Make sure that the blade is aligned with the center of the engine shaft.
8. Lock the blade with a block of wood. Attach the spring washer and tighten the bolt and washer with a torque of 45–60 Nm.



9. Pull the blade around by hand and make sure that it turns freely.



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

10. 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 with the attached dipstick.
3. Clean the oil from the dipstick.
4. Put the dipstick fully into the oil tank to give a correct picture of the oil level.
5. Remove the dipstick.
6. Examine the oil level on the dipstick.
7. If the oil level is low, fill with engine oil and do a check of the oil level again.

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.

Air filter

Note: An air filter that is used for a long time cannot be fully cleaned. Replace the air filter at regular intervals. Always replace a damaged air filter.

To clean the paper filter

1. Remove the air filter cover and remove the paper filter.
2. Hit the filter against a flat surface to make the particles fall off.



CAUTION: Do not use solvent or compressed air to clean the paper filter.

3. Put the air filter back. Make sure that the air filter fully seals against the air filter holder.
4. Put the air filter cover back.

To clean the foam plastic filter

1. Remove the air filter cover and remove the foam plastic filter.
2. Clean the foam plastic filter with soap and water.
3. Flush the foam plastic filter in clean water.
4. Squeeze the water from the foam plastic filter and let it dry.



CAUTION: Do not use compressed air. It can cause damage to the foam plastic filter.

5. Lubricate the foam plastic filter with engine oil.
6. Press a clean cloth against the foam plastic filter to remove unwanted oil.
7. Put the air filter back. Make sure that the air filter fully seals against the air filter holder.
8. Put the air filter cover back.

To examine the spark plug

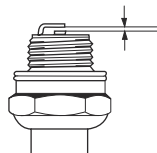


CAUTION: Always use the recommended spark plug type. Incorrect spark plug type can cause damage to the product.

- Examine 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 13*.



- 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.

Troubleshooting

Problem	Possible cause	Solution
The engine does not start.	The throttle control is not in correct position.	Move the throttle control to fast position or start position.
	The ignition cable is not connected correctly.	Connect the ignition cable to the spark plug.
	The fuel tank is empty.	Fill the fuel tank with correct fuel type.
	There is dirt in the carburetor or fuel line.	Clean the carburetor and/or fuel line.
	The spark plug is defective.	Adjust the electrode gap, clean or replace the spark plug.
	There is too much fuel in the engine.	Start the engine with the throttle control in the fast position.
The engine does not stop.	The stop mechanism is defective.	Disconnect the ignition cable from the spark plug. Let an approved service agent repair the product.

Problem	Possible cause	Solution
The engine does not operate smoothly.	The throttle control is not in correct position.	Move the throttle control to fast position.
	The ignition cable is not connected correctly.	Connect the ignition cable to the spark plug.
	There is dirt in the fuel line or the fuel has expired.	Clean the fuel line. Fill the fuel tank with new fuel of the correct type.
	There is blockage in the fuel tank cap.	Clean the fuel tank cap.
	There is water or dirt in the fuel system.	Drain the fuel tank. Fill the fuel tank with new fuel of the correct type.
	The air filter is dirty.	Clean the air filter.
	The carburetor must be adjusted.	Let a servicing dealer adjust the carburetor.
The engine becomes too hot.	The engine oil level is too low.	Fill engine oil.
	The air flow is not sufficient.	Clean the air filter and the air filter housing.
	The carburetor must be adjusted.	Adjust the carburetor.
There is misfire in the engine when it operates at high speed.	The electrode gap in the spark plug is too small.	Adjust the electrode gap.
The engine does not operate smoothly at idle speed.	The spark plug is dirty, defective or the electrode gap is too wide.	Adjust the electrode gap or replace the spark plug.
	The carburetor must be adjusted.	Adjust the carburetor.
	The air filter is dirty.	Clean the air filter.
There is too much vibration in the handle.	The blade is loose or not balanced.	Tighten the blade bolts. Replace the blade if there are damages.
	The blade is bent.	Replace the blade if there are damages.
The grass is cut irregularly.	The wheels are not in correct position.	Set the cutting height at the same level for all 4 wheels.
	The blade is not sufficiently sharp.	Sharpen or replace the blade.

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

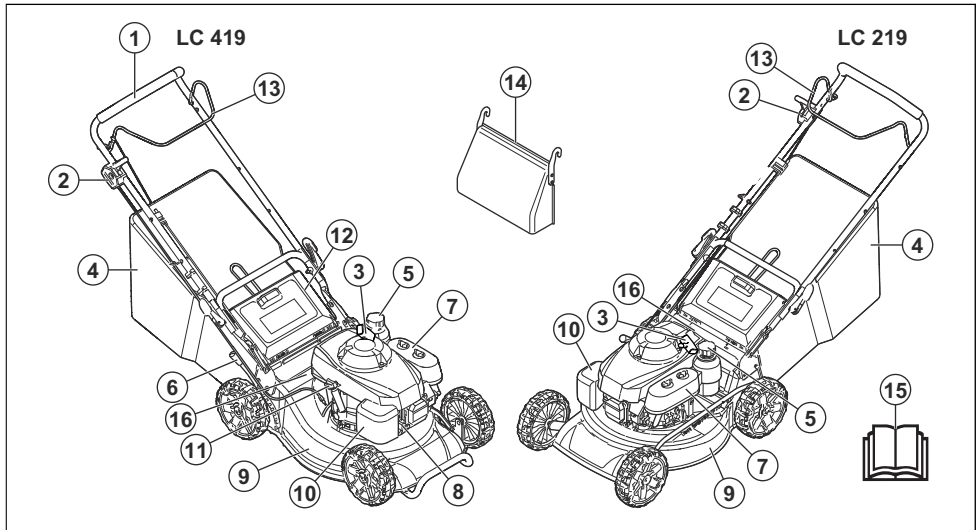
	LC 219	LC 419
Engine		
Brand	Honda	Honda
Displacement, cm ³	163	163
Speed, rpm	3000	3000
Ignition system		
Spark plug	NGK/BPR5ES	NGK/BPR5ES
Electrode gap, mm	0.5	0.5
Fuel and lubrication system		
Fuel tank capacity, liter	1.8	1.8
Oil tank capacity, liter	0.65	0.65
Engine oil	10W-40	10W-40
Weight		
With empty tanks, kg	34	35
Cutting		
Number of cutting height positions	10	10
Cutting height, mm	18-70	18-70
Cutting width, mm	480	480
Cutting system	Mulch & Catch	Mulch & Catch
Grass catcher capacity, liter	50	55
Blade		
Article number	597726801 (Collect)	597726801 (Collect)

内容

简介.....	14	维护.....	20
安全性.....	15	故障排除.....	22
安装.....	17	运输、存放和废弃处理.....	23
操作.....	18	技术资料.....	23

简介

产品概览



1. 手柄
2. 油门控制
3. 启动绳把手
4. 集草袋
5. 燃油箱盖
6. 修剪高度杆
7. 空气滤清器
8. 火花塞
9. 切割防护盖
10. 消音器
11. 机油箱盖
12. 后盖
13. 引擎制动手柄
14. 导向板
15. 说明书
16. 标牌

产品说明

本产品是一款步行控制式草坪机。草料收集在集草袋中。拆下集草袋，以便从后方卸草。

预期用途

在私人花园中使用本产品割草。切勿将产品用于其他任务。

本产品上的符号



警告：请多加小心，并正确使用本产品。这可能会对操作员或其他人造成严重伤害或死亡。



请认真阅读本说明书，确保在充分理解各项说明之后再使用本产品。



关闭引擎。



警告：旋转刀片。确保四肢远离机器。



警告：旋转部件。确保四肢远离机器。



注意抛掷物和反弹物。



确保人员和动物与工作区域保持安全距离。



执行维修或维护作业之前，务必将引擎熄火并拆下点火线。



阻气门。



将引擎油门调至高速。



将引擎油门调至低速。

注意：有关本产品上的其他符号/标识，请参阅适用于部分市场的认证要求。

产品责任

如产品责任法律中所引用的，在以下情况下，我们对我们的产品所导致的损坏不承担责任：

- 未正确修理产品。
- 使用并非来自制造商或者未获得制造商批准的零部件修理产品。
- 产品具有并非来自制造商或者未获得制造商批准的附件。
- 未在获得批准的服务中心修理产品，或者并非由获得批准的机构修理产品。

安全性

安全定义

本手册使用了“警告”、“小心”和“注意”来指出特别重要的内容。



警告：当不遵守手册中的说明可能会给操作员或周围人员带来伤害或死亡风险时，会使用此标志。



小心：当不遵守手册中的说明可能会对产品、其他材料或附近区域造成损坏时，会使用此标志。

注意：用于提供特定状况下所需的更多信息。

一般安全须知



警告：请在使用本产品前阅读下面的警告说明。

- 如果使用不当，或者如果您不小心，则本产品非常危险。如果不遵守一般安全须知，可能会导致伤害或死亡。
- 本产品在操作期间会产生电磁场。电磁场在某些情况下会干扰有源或无源医疗植入体。为了减少严重或致命性伤害风险，我们建议使用医疗植入体的人员在操作本产品之前事先咨询其医生及医疗植入体制造商。

- 请务必多加小心，并运用常识来判断。如果您不确定在特殊情况下如何操作本产品，请停止操作并与您的 Husqvarna 经销商联系。
- 切记，操作员将对涉及他人或其财产的事故负责。
- 请保持产品清洁。确保您可以清楚地阅读标记和标签。
- 务必确保操作员已阅读并理解说明书的内容，否则不得使用本产品。
- 切勿让儿童操作产品。
- 切勿让不熟悉使用说明书的人员操作产品。
- 若使用产品的人员身体能力或心智能力降低，务必对其进行监督。成人监督人必须始终在场。
- 当您感到疲倦、生病或受到酒精、麻药或药物的影响时，请勿使用本产品。这些因素会对您的视觉、警惕性、协调能力或判断力产生不良影响。
- 如果本产品有缺陷，切勿使用。
- 如果本产品可能被他人改动过，请勿再进行改动或使用。

工作区安全



警告：请在使用本产品前阅读下面的警告说明。

- 在使用本产品之前，请清除作业区域中的树枝、枝桠和石头等物体。

- 这些物体碰撞到切割设备会被弹出，导致人员受伤和物体损坏。确保附近人员和动物与本产品保持安全距离。
- 切勿在雾天、雨天、强风、严寒和闪电等恶劣天气下使用本产品。在恶劣天气下或潮湿地点使用本产品容易令人感到疲倦。恶劣天气会导致危险的情况，如湿滑的路面。
- 留意可能妨碍本产品安全运行的人员、物体和情况。
- 留意如树根、石头、枝桠、坑和沟渠等障碍。茂盛的草会隐藏障碍物。
- 在斜坡上割草可能非常危险。不要在坡度超过 15° 的地面上使用本产品。
- 面对斜坡操作本产品。切勿上下移动。
- 在接近隐藏的和物体时请小心谨慎，以免阻碍视线。

作业安全



警告： 请在使用本产品前阅读下面的警告说明。

- 本产品仅用于切割草坪。不允许用于其他任务。
- 使用个人防护装备。请参阅 **个人防护装备** 在第 16 页上。
- 确保您知道在紧急情况下如何快速让引擎停止工作。
- 切勿在封闭空间或易燃物品附近启动引擎。引擎排出的废气浓烟温度很高，并可能带有火花，能引发火灾。
- 除非已正确连接刀片和所有盖板，否则请勿操作本产品。未正确连接的刀片可能松动，导致人身伤害。
- 确保刀片不会碰到石头和树根等物体。这会损坏刀片，并折弯引擎轴。一旦引擎轴折弯，就会导致严重振动，同时刀片松动风险会变得极高。
- 如果刀片碰撞到任何异物或者发生振动，请立即关闭本产品。将点火线从火花塞上断开。检查本产品是否损坏。维修损坏的地方或让授权的保养厂执行维修。
- 启动引擎时，切勿将引擎制动手柄永久连接至手柄。
- 将本产品放置在稳定、平坦的地面上，然后将其启动。确保刀片不会碰撞到地面或其他物体。
- 当您操作本产品时，请始终站在本产品的后面。
- 在操作本产品时使所有车轮接触地面，并将双手放在手柄上。手和脚远离正在旋转的刀片。
- 引擎启动后，切勿倾斜本产品。
- 向后拉动本产品时请小心谨慎。
- 切勿在引擎运行时吊装本产品。如果必须吊装本产品，务必先将引擎熄火，并将点火线从火花塞上断开。
- 在操作本产品时切勿倒退行走。
- 当您在没有草的区域移动时，例如在石砾、石头和沥青道路上移动时，应将引擎熄火。
- 切勿在引擎运行时和本产品一起跑着移动。操作本产品时始终保持步行。
- 在更改修剪高度之前，请先将引擎熄火。切勿在引擎运行时进行调整。
- 切勿在引擎运行时将本产品置于视线以外的地方。将引擎熄火，确保切割设备不转动。

操作安全须知

个人防护装备



警告： 请在使用本产品前阅读下面的警告说明。

- 个人防护装备不能完全避免受伤，但当意外发生时，可降低伤害程度。请经销商协助您选择正确的防护装备。
- 如果噪声级高于 85 dB，请使用听觉保护设备。
- 穿上结实耐磨防滑靴或防滑鞋。请勿穿凉鞋或赤脚。
- 请穿上厚实长裤。
- 必要时戴上保护手套，例如在安装、检查或清洁切割设备时。

产品上的安全装置



警告： 请在使用本产品前阅读下面的警告说明。

- 切勿在安全装置有故障的情况下使用产品。
- 定期检查安全装置。如果安全装置有故障，请联系您的 Husqvarna 保养厂。

检查切割防护盖

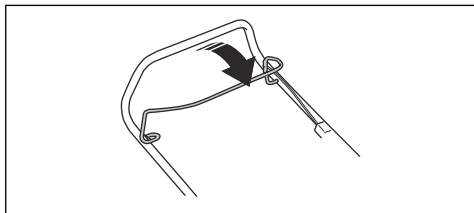
切割防护盖可降低本产品产生的振动，并降低被刀片割伤的风险。

- 检查切割防护盖，确保没有损坏，如裂缝。

引擎制动手柄

引擎制动手柄可让引擎停止运行。当引擎制动手柄松开时，引擎会停止运行。

要检查引擎的制动情况，请启动引擎，然后松引擎制动手柄。如果引擎未能在 3 秒内停止运行，应请许可的 Husqvarna 保养厂调整引擎制动。



消音器

消音器用于最大程度降低噪音并将引擎的废气浓烟导离操作人员。

如果消音器缺失或有缺陷，请勿使用本产品。消音器损坏时噪音会增大，并且有导致起火的风险。



警告： 消音器在使用期间和之后以及当引擎以怠速运转时会变得很烫。务必当心附近的易燃材料和/或烟雾，以防引起火灾。

检查消音器

- 定期检查消音器，确保其安装正确且无损坏。

燃油安全须知



警告： 请在使用本产品前阅读下面的警告说明。

- 如果产品上沾染燃油或引擎机油，切勿启动产品。去除多余的燃油/机油，使产品保持干燥。
- 如果燃油溅到衣物上，请立即更换衣物。
- 切勿使身体沾染上燃油，否则可能会导致伤害。如果燃油溅到身上，必须使用肥皂和水洗净。
- 如果引擎发生泄漏，切勿启动产品。定期检查引擎是否有泄漏。
- 请小心处理燃油。燃油易燃，油烟具有爆炸性，并且可能导致伤害或死亡。
- 切勿吸入油烟，它可能导致伤害。确保充分通风。
- 切勿在燃油或引擎附近吸烟。
- 切勿在燃油或引擎附近放置高温物体。
- 切勿在引擎运转期间添加燃油。
- 确保重新加注燃油之前，引擎处于冷却状态。
- 重新加注燃油之前，缓缓打开燃油箱盖，并小心释放压力。
- 切勿在室内为引擎添加燃油。通风不充分情况下，可能由于窒息性气体或一氧化碳的原因而导致伤害或死亡。

- 完全拧紧燃油箱盖。如果燃油箱盖没有拧紧，则有失火的风险。
- 启动之前，将产品从加油位置移开至少 3 米 / 10 英尺。
- 请勿将燃油箱完全加满油。热量会使燃油膨胀。为燃油箱顶部保留一定的空间。

维护安全须知



警告： 请在使用本产品前阅读下面的警告说明。

- 引擎排出的废气中含有一氧化碳，这是一种极危险的无味有毒气体。切勿在室内或密闭空间中启动引擎。
- 在对本产品进行任何维护之前，务必先将引擎熄火，并将点火线从火花塞拆下。
- 维护切割设备时，请戴上保护手套。刀片非常锋利，很容易造成割伤。
- 未经制造商批准加装附件或改动产品可能导致严重的伤害或死亡。切勿改动本产品。始终使用获得制造商批准的零件。
- 如未正确和定期地进行维护，导致伤害的风险和损坏产品的风险将会增加。
- 只能进行此用户手册所述的维护工作。所有其他保养操作必须由许可的 Husqvarna 保养厂完成。
- 由许可的 Husqvarna 保养厂定期对本产品进行保养。
- 更换已经损坏、磨损或破损的零件。

安装

简介



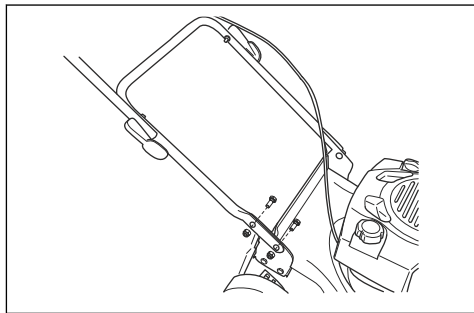
警告： 在安装本产品之前，您必须阅读并理解安全章节。



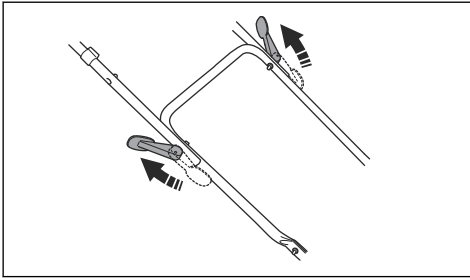
警告： 安装产品之前，先拆下火花塞中的火花塞电缆。

安装手柄

1. 在本产品的两侧，分别使用 2 颗螺丝和螺母将下手柄固定至本产品。

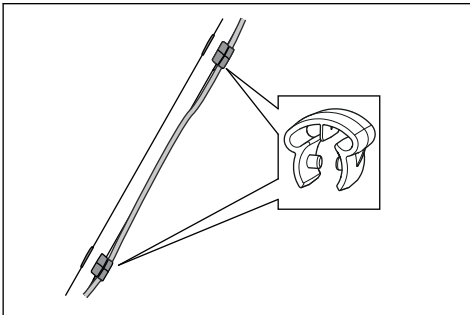


2. 提起上手柄，直至它与下手柄对齐。压紧扳手。



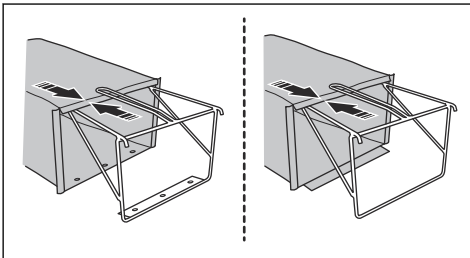
小心：提起上手柄时，请小心操作，不要损坏线索。

3. 将线索放入线索支架。确保线索不要扭结。将线索支架装到手柄上。

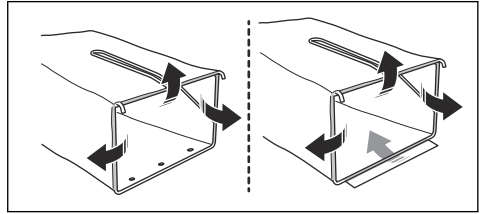


安装集草袋

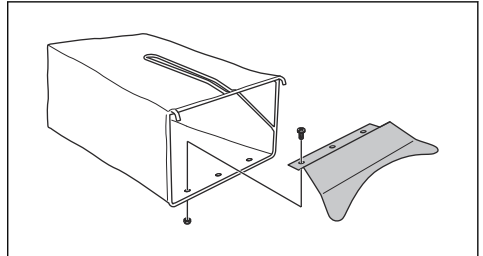
1. 将集草袋框架放入纤维草袋中。确保集草器框架上的手柄位于集草袋的顶部。



2. 使用纤维袋边缘上的夹子将集草袋固定到集草器框架上。



- a) 对于 LC 219，使用 3 个螺栓将法兰装到集草袋框架上。



- b) 拧紧螺母。

3. 抬起后盖。
4. 将集草袋连接到机架顶部边缘上。
5. 将集草袋的下部放入卸草通道中。

操作

引言



警告：在使用本产品之前，您必须阅读并理解安全章节。

操作产品之前

1. 请认真阅读本说明书，确保您充分理解各项说明。
2. 检查切割设备，确保其连接正确且调整得当。请参阅 *润滑切割设备* 在第 20 页上。
3. 加注燃油箱。请参阅 *添加燃油* 在第 19 页上。

4. 加注机油箱并检查机油油位。请参阅 *检查机油油位* 在第 21 页上。

添加燃油

如果可行，请使用低排放/烷基化汽油。如果没有低排放/烷基化汽油，可使用优质无铅汽油或辛烷值不低于 90 的含铅汽油。

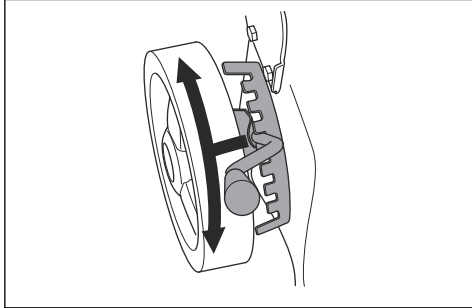


小心：切勿使用辛烷值低于 90 RON (87 AKI) 的汽油。这可能导致损坏产品。

1. 缓慢打开燃油箱盖以释放压力。
2. 用燃油罐慢慢加油。如果有燃油溅出，请用布擦拭，然后让剩余的燃油挥发掉。
3. 将燃油箱盖四周清理干净。
4. 完全拧紧燃油箱盖。如果燃油箱盖没有拧紧，则有失火的风险。
5. 启动之前，将产品从加油位置移开至少 3 m (10 ft)。

设置修剪高度

1. 将引擎熄火。
2. 向后移动修剪高度调节杆，增加修剪高度。
3. 向前移动修剪高度调节杆，降低修剪高度。

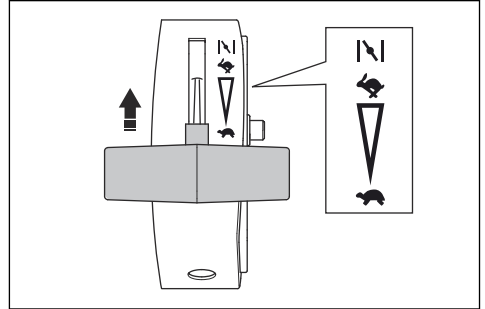


小心：切勿将修剪高度设置得太低。如果草坪表面不平，刀片可能会碰到地面。

启动产品

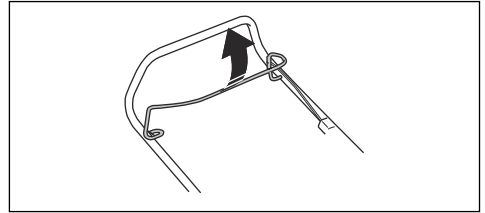
1. 确保将点火线连接至火花塞中。
2. 站在本产品的后面。
3. 调节油门控制。

- a) 如果引擎尚未预热，应将油门控制转到阻塞位置。



- b) 如果引擎处于暖机状态，请勿将油门控制转到阻塞位置。

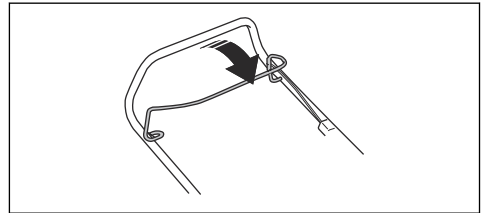
4. 握住引擎制动手柄，使其紧靠手柄杆。



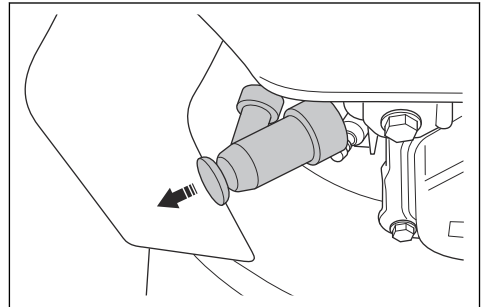
5. 用右手握住启动绳把手。
6. 慢慢拉出启动绳，直到感觉到有阻力。
7. 用力拉启动绳，以启动引擎。

让本产品停止运行

- 要将引擎熄火，请松开引擎制动手柄。



- 如果引擎未能熄火，请将点火线从火花塞上断开。



为获得良好的作业效果

- 务必使用锐利的刀片。钝刀片会产生不规则的结果，且草的切割表面会变黄。此外，锐利的刀片比钝刀片更加节能。

- 修剪高度不得超过草长的 1/3。从较高的修剪高度开始切割。检查结果，将修剪高度降低到合适的水平。如果草非常长，请缓慢前进，必要时切割 2 次。
- 每次的修剪方向不应相同，以防止草坪上出现条纹。

维护

引言



警告： 进行维护之前，您必须阅读并理解安全须知章节。

要对本产品执行任何保养和维修工作，都需要经过特殊培训。我们承诺提供专业的维修和保养。如果您的经销商不是保养代理商，请联系该经销商以获取离您最近的保养代理商的信息。

维修时间表

维护间隔在产品每天使用的情况下计算得出。如果产品并非每天使用，维护间隔会有所不同。

对于带有 * 标记的维护作业，请参阅 产品上的安全装置 在第 16 页上中的说明。

维护	每天	每周	每月
执行一般性检查	X		
检查机油油位	X		
清洁本产品	X		
检查切割设备	X		
检查切割防护盖*	X		
清洁空气滤清器		X	
清洁汽缸上的散热片		X	
检查消音器*		X	
检查火花塞		X	
更换机油（使用 5 小时后首次更换，之后每使用 20 小时后及每年更换一次）			X
更换空气滤清器			X
检查燃油系统			X
检查并调整驱动器（离合器导线）			X

进行一般性检查

- 确保产品上的螺母和螺钉都已拧紧。

清洁本产品的外部

- 用刷子清除树叶、草和污垢。
- 确保引擎顶部的进气口畅通无阻
- 不要使用高压清洗机清洁产品。
- 如果用水清洁本产品，切勿用水直接冲洗引擎。

清洁切割防护盖的内表面

- 排空燃油箱。
- 将本产品侧放，消音器朝下。



小心： 如果以空气滤清器朝下的方式放置本产品，可能导致引擎损坏。

- 用水冲洗切割防护盖的内表面。

润滑切割设备



警告： 为防止意外启动，请将点火线从火花塞上拆下。



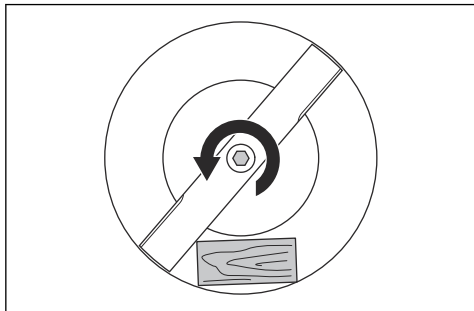
警告： 维护切割设备时，请戴上保护手套。刀片非常锋利，很容易造成割伤。

1. 检查切割设备是否有损坏或裂痕。务必更换损坏的切割设备。
2. 检查刀片，查看是否损坏或变钝。

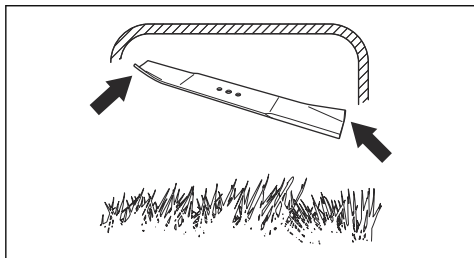
注意： 每次磨利刀片后，必须对刀片进行平衡调整。让维修中心磨利、更换和平衡刀片。如果您撞到障碍物并导致本产品停止运行，请更换损坏的刀片。让维修中心评估刀片能否磨利还是必须更换。

更换刀片

1. 使用木块锁定刀片。

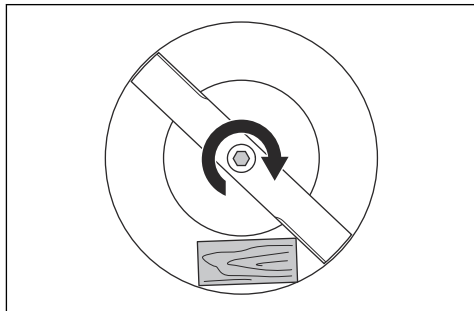


2. 拆下刀片螺栓。
3. 拆下刀片。
4. 检查刀片支撑和刀片螺栓，查看是否有损坏。
5. 检查发动机轴，确保其未弯曲。
6. 安装新刀片时，请将刀片的倾斜端指向切割防护盖的方向。



7. 确保刀片与发动机轴中心对准。

8. 使用木块锁定刀片。连接弹簧垫片，并用 45–60 Nm 扭矩拧紧螺丝和垫片。



9. 用手拉住刀片旋转，确保刀片转动自如。



警告： 请佩戴耐磨手套。刀片非常锋利，很容易割到手。

10. 启动本产品以测试刀片。如果刀片未正确安装，则本产品中存在振动，或切割结果令人不满意。

检查机油油位



小心： 如果油位过低，可能导致引擎损坏。启动本产品之前，请先检查油位。

1. 将产品置于平坦地面上。
2. 拆下带有油尺的机油箱盖。
3. 清洁油尺上的机油。
4. 将油尺完全放入机油箱，以便获得正确的油位显示。
5. 拆下油尺。
6. 检查油尺上的油位。
7. 如果油位过低，加注引擎机油后再次检查油位。

加注和更换引擎机油

- 有关如何加注和更换引擎机油的信息，请参阅引擎的说明书。

空气滤清器

注意： 使用时间较长的空气滤清器可能无法彻底清洁。定期更换空气滤清器。务必更换损坏的空气滤清器。

清洁纸制滤清器

1. 拆下空气滤清器罩，然后拆下纸制滤清器。
2. 手持滤清器敲击某个平整表面，以使灰尘颗粒脱落。



小心： 切勿使用溶剂或压缩空气清洁纸制滤清器。

3. 装回空气滤清器。确保空气滤清器完全密封在空气滤清器支架上。

4. 装回空气滤清器罩。

清洁海绵塑料滤网

- 1. 拆下空气滤清器罩，然后拆下海绵塑料滤网。
- 2. 用肥皂和水清洁海绵塑料滤网。
- 3. 用清水冲洗海绵塑料滤网。
- 4. 拧干海绵塑料滤网，然后将其晾干。



小心：请勿使用压缩空气。这会导致海绵塑料滤网损坏。

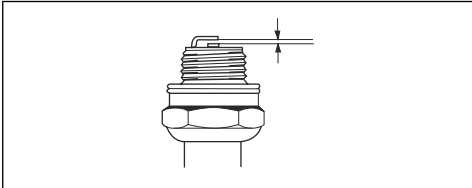
- 5. 用引擎机油润滑海绵塑料滤网。
- 6. 将干净的布按在海绵塑料滤网上，吸附掉多余的油。
- 7. 装回空气滤清器。确保空气滤清器完全密封在空气滤清器支架上。
- 8. 装回空气滤清器罩。

检查火花塞



小心：务必使用建议的火花塞类型。火花塞类型不正确可能导致产品损坏。

- 如果引擎动力不足，请检查火花塞是否不容易启动或者怠速时是否运行不正确。
- 为降低在火花塞电极上出现多余物质的风险，请遵循这些说明：
 - a) 确保已正确调节怠速。
 - b) 确保混合燃油正确。
 - c) 确保空气滤清器清洁。
- 如果火花塞脏污，请进行清洁并确保电极间隙正确，请参阅技术资料在第 23 页上。



- 必要时请更换火花塞。

检查燃油系统

- 检查燃油箱盖和燃油箱盖的密封，确保没有损坏。
- 检查油管，确保不漏油。如果油管损坏，请让保养厂进行更换。

故障排除

问题	可能原因	解决方案
引擎不启动。	油门控制未处于正确位置。	将油门控制移至快速位置或启动位置。
	点火线未正确连接。	将点火线连接到火花塞。
	燃油箱无油。	向燃油箱中注入正确类型的燃油。
	化油器或燃油管路中有污垢。	清洁化油器和/或燃油管路。
	火花塞有故障。	调整电极间隙调，清洁或更换火花塞。
	引擎中的燃油太多。	将油门控制转至快速位置，然后启动引擎。
引擎不熄火。	停止机构有故障。	将点火线从火花塞上断开。让许可保养厂维修本产品。
引擎运行不平稳。	油门控制未处于正确位置。	将油门控制移至快速位置。
	点火线未正确连接。	将点火线连接到火花塞。
	燃油管中有污垢或燃油已过期。	清洁燃油管路。向燃油箱中加注正确类型的新燃油。
	燃油箱盖内堵塞。	清洁燃油箱盖。
	燃油系统内有水或污垢。	排空燃油箱。向燃油箱中加注正确类型的新燃油。
	空气滤清器不干净。	清洁空气滤清器。
	必须调整化油器。	请保养代理商调整化油器。

问题	可能原因	解决方案
引擎过热。	引擎机油的油位过低。	注入引擎机油。
	气流不足。	清洁空气滤清器和空气滤清器外壳。
	必须调整化油器。	调整化油器。
当引擎高速运转时，引擎失火。	火花塞中的电极间隙过小。	调整电极间隙。
引擎在怠速下工作不平稳。	火花塞不干净、发生故障或电极间隙过宽。	调整电极间隙或更换火花塞。
	必须调整化油器。	调整化油器。
	空气滤清器不干净。	清洁空气滤清器。
手柄振动过大。	刀片松动或不平衡。	拧紧刀片固定螺栓。更换损坏的刀片。
	刀片弯曲。	更换损坏的刀片。
草地切割效果不规则。	车轮位置不正确。	将所有 4 个车轮的修剪高度设置为相同水平。
	刀片不够锋利。	磨利或更换刀片。

运输、存放和废弃处理

运输及存放

- 存放和运输产品和燃油时，确保不存在泄漏或烟雾。火花或明火（例如来自电气设备或锅炉等）可能引发火灾。
- 务必使用获得批准的容器存放和运输燃油。
- 将产品长期存放前，先清空燃油箱。在适当的处置地点处理燃油
- 在运输过程中安全地固定产品，以防止损坏和发生事故。
- 将产品放在上锁的区域，以防止儿童或他人擅自触碰。

- 将本产品存放在干燥、防冻的区域。

废弃处理

- 遵守当地的回收要求和适用的法规。
- 在服务中心或适当的处置地点处理所有化学品，如机油或燃油。
- 当产品不再可用时，将其发送给 Husqvarna 经销商或送至回收点处理。

技术资料

	LC 219	LC 419
发动机		
品牌	Honda	Honda
排量，cm ³	163	163
速度，rpm	3000	3000
点火系统		
火花塞	NGK/BPR5ES	NGK/BPR5ES
跳火间距 (mm)	0.5	0.5
燃油和润滑系统		

	LC 219	LC 419
燃油箱容量，升	1.8	1.8
机油箱容量，升	0.65	0.65
发动机油	10W-40	10W-40
重量		
（油箱均排空时），kg	34	35
修剪		
修剪高度位置数量	10	10
修剪高度，mm	18-70	18-70
割幅，mm	480	480
切割系统	Mulch & Catch	Mulch & Catch
集草袋容量，升	50	55
刀片		
货号	597726801 (Collect)	597726801 (Collect)



www.husqvarna.com

Original instructions
原始说明

1141270-38



2019-04-23