



Husqvarna®

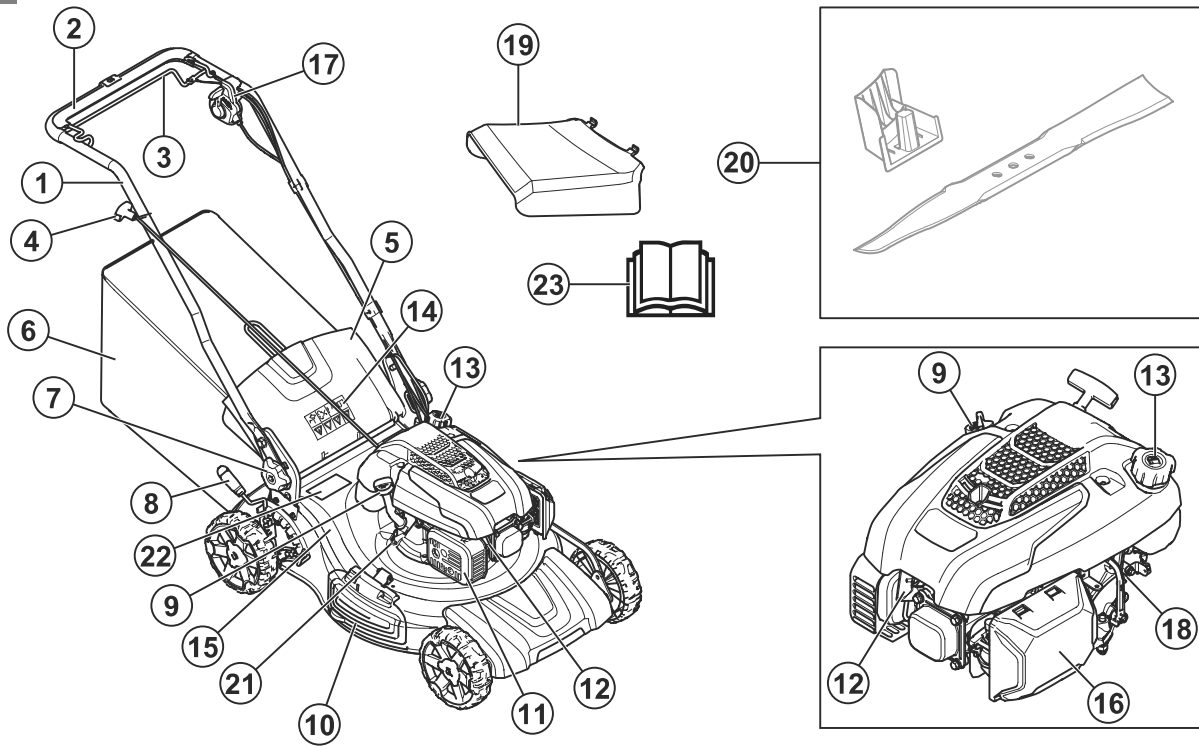


LC 356V



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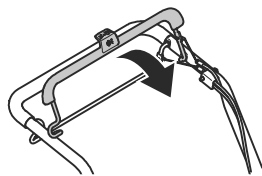
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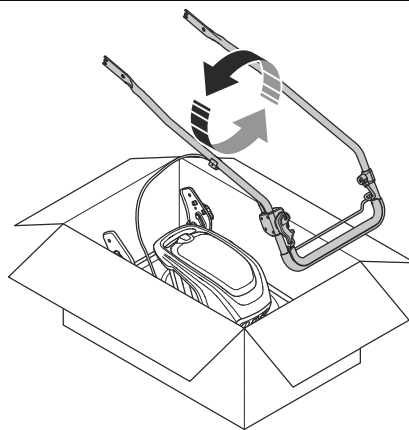
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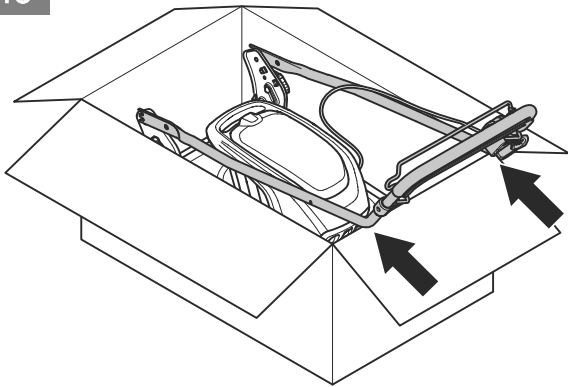
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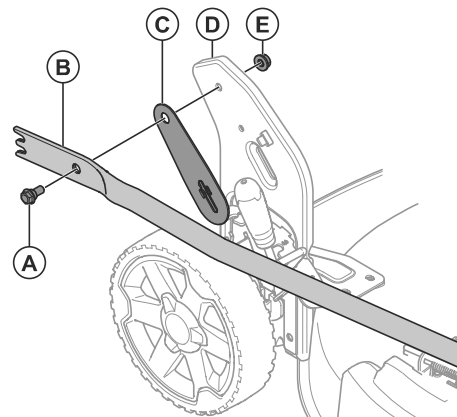
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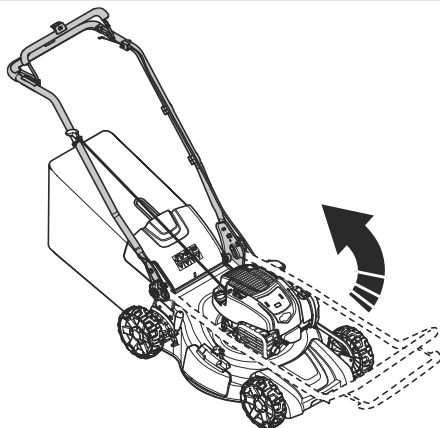
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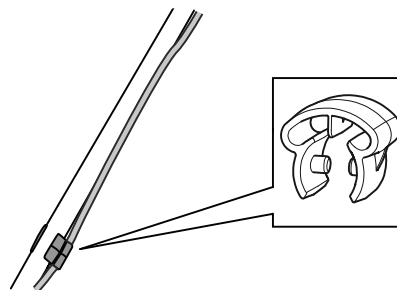
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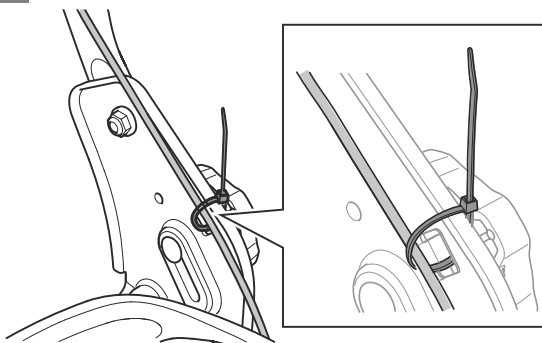
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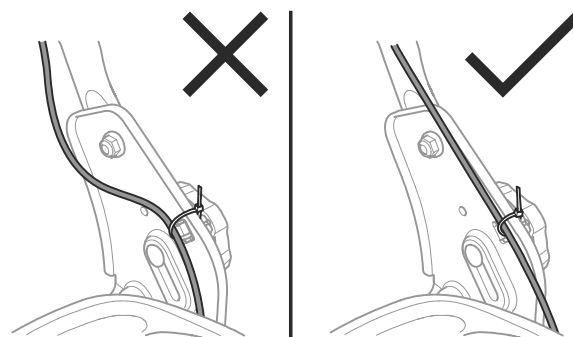
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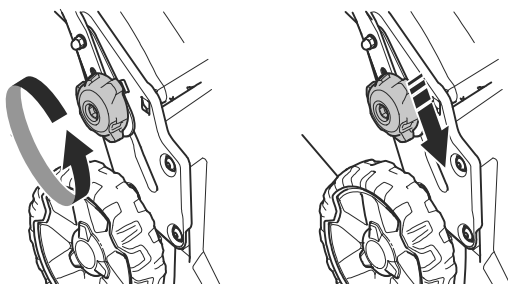
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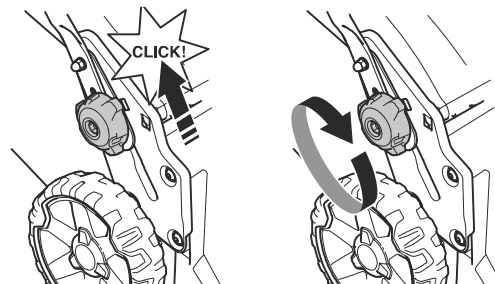
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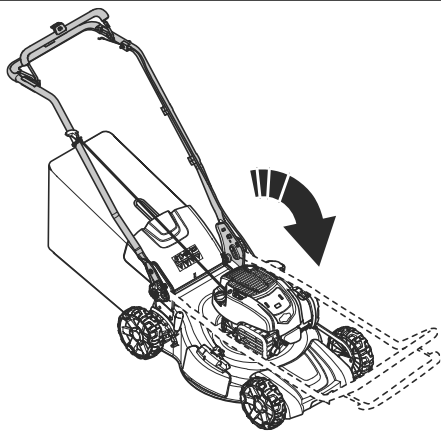
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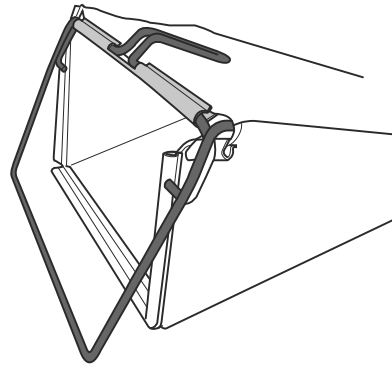
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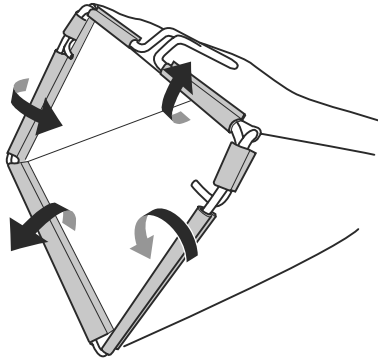
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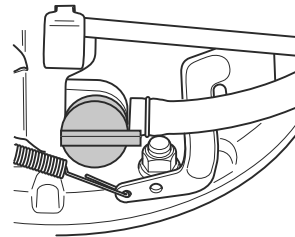
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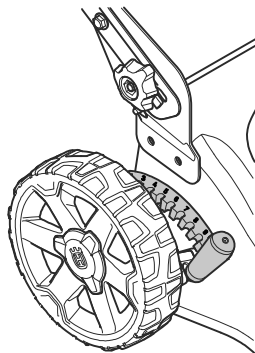
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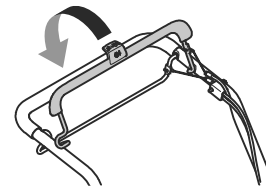
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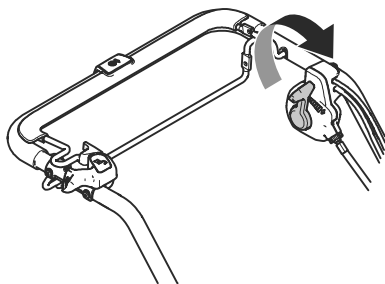
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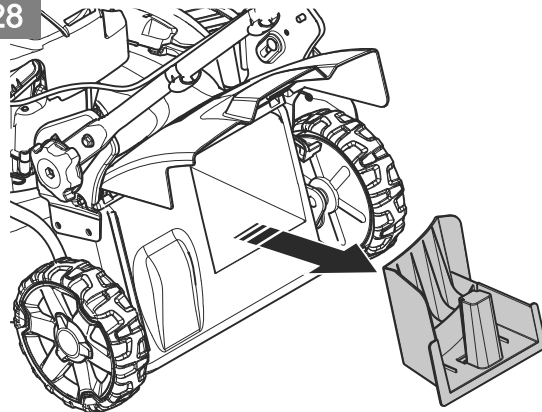
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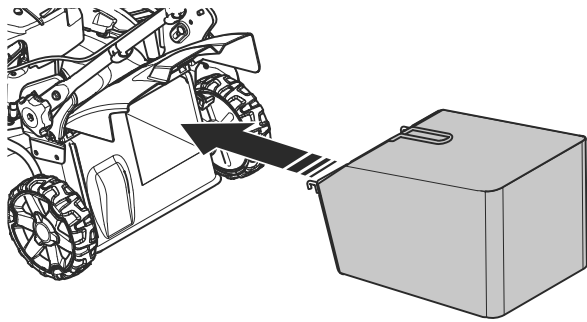
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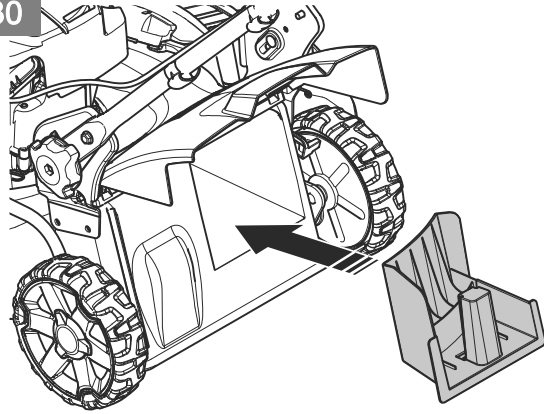
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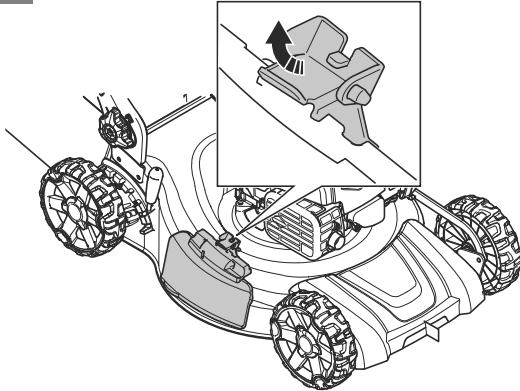
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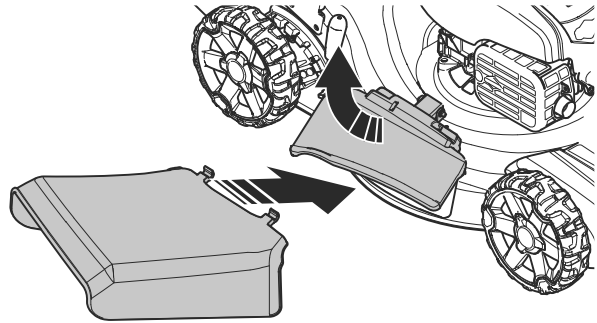
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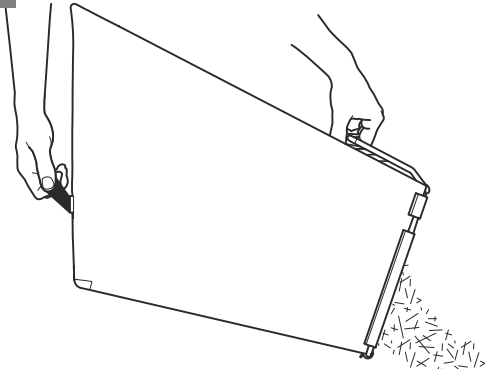
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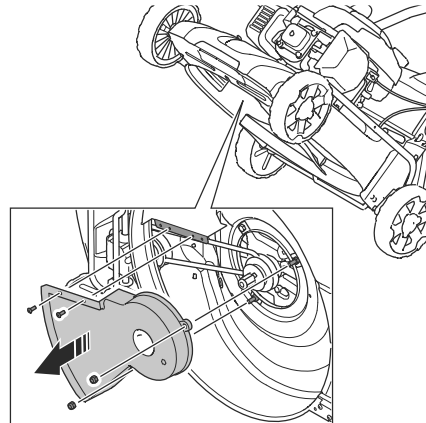
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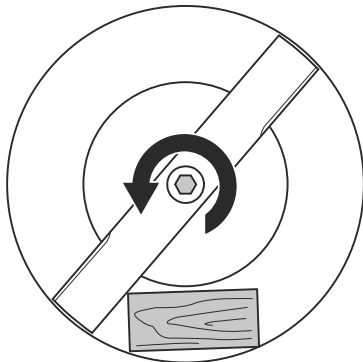
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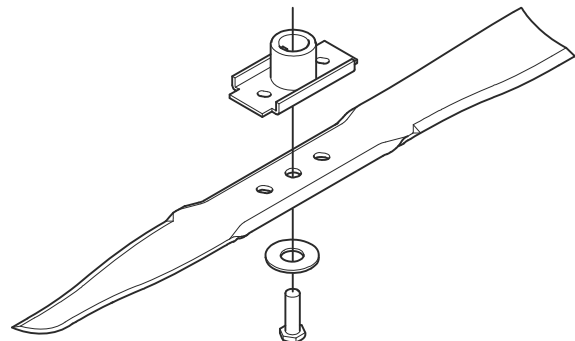
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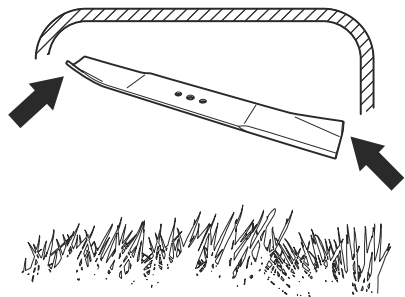
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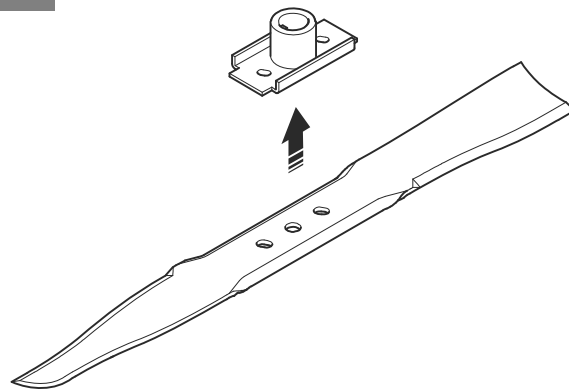
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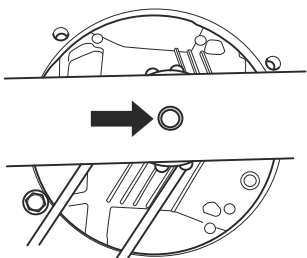
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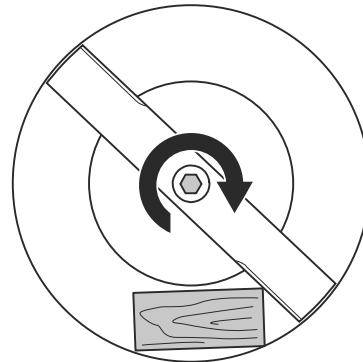
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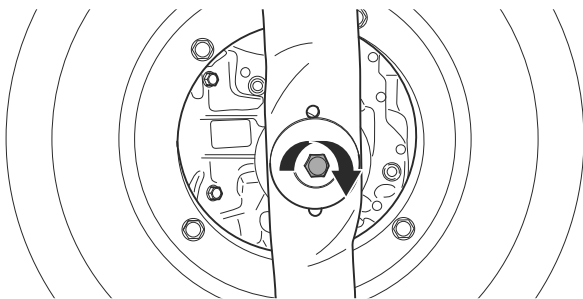
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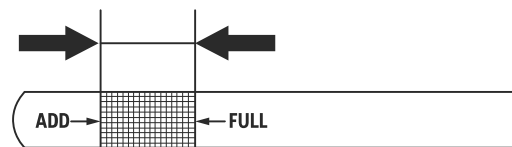
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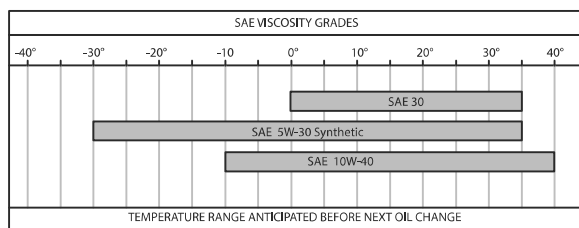
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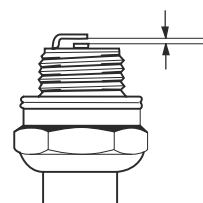
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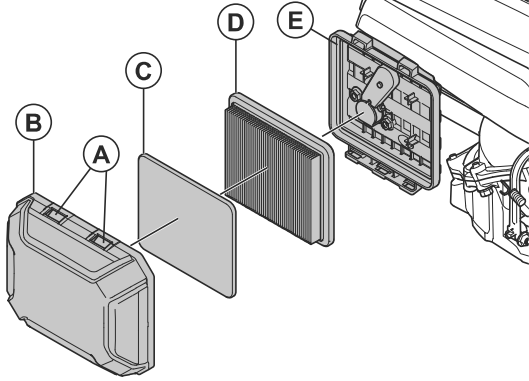
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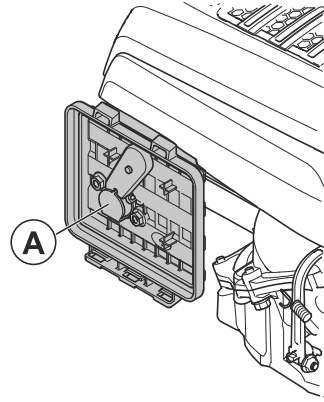
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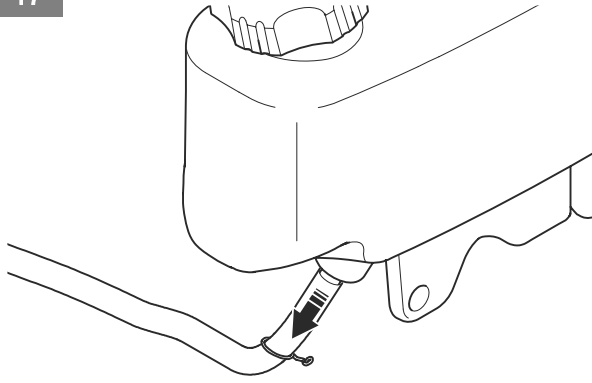
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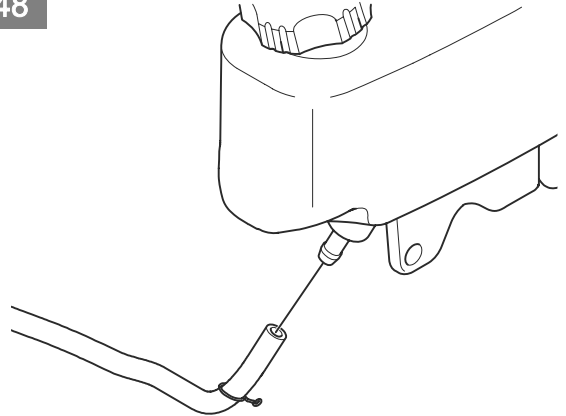
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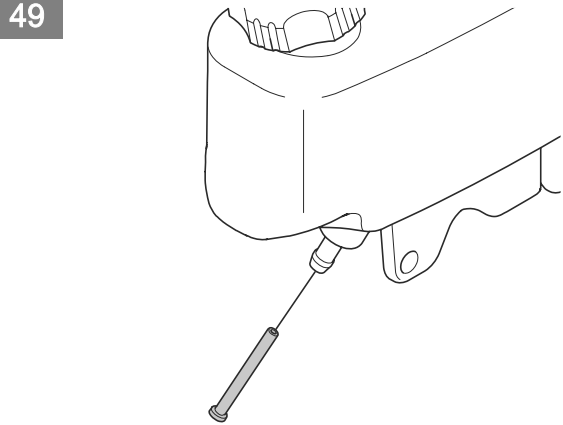
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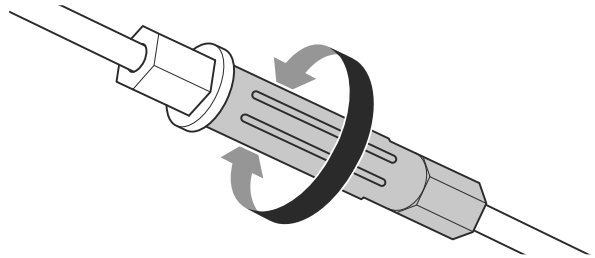
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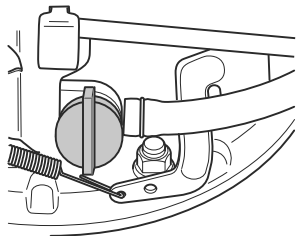
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Introduction

Product description

The product is a pedestrian-controlled rotary lawn mower. Attach the grass catcher to collect the grass. Attach the side discharge deflector for side discharge of the grass. Attach a mulch kit to cut the grass into fertilizer.

Intended use

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

Product overview

(Fig. 1)

1. Handlebar
2. Engine brake handle
3. Drive bail
4. Starter rope handle
5. Rear cover
6. Grass catcher
7. Handle height knobs
8. Cutting height lever
9. Oil cap
10. Side discharge cover
11. Muffler
12. Spark plug and ignition cable
13. Fuel tank cap
14. Symbols
15. Cutting cover
16. Air filter
17. Speed control lever
18. Fuel valve
19. Side deflector
20. Mulch kit (accessory)
21. Oil drain plug
22. Rating plate
23. Operator's manual

(Fig. 4)

Look out for thrown objects and ricochets.

(Fig. 5)

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

(Fig. 6)

Warning: Keep hands and feet away from the rotating blade.

(Fig. 7)

Warning: Keep hands and feet away from rotating parts.

(Fig. 8)

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

(Fig. 9)

This product is in accordance with applicable EC directives.

(Fig. 10)

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 *Technical data on page 19* and on the label.

Symbols on the product

(Fig. 2)

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

(Fig. 3)

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

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

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.

Euro V Emissions



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

Support

For support about the product, go to the Support section on www.husqvarna.com to access instructions, troubleshooting guides, or to use the Husqvarna Self-Service and the Product Assistant (if available in your market). For more support about the product, speak to your Husqvarna servicing dealer.

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 10*.
- 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 servicing dealer.
- 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

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. 11)

To do a check of the rear cover

The rear deflector decreases the risk that objects eject in the direction of the operator.

- Make sure that the rear cover is not damaged.
- Make sure that the springs that close the rear cover are not damaged.
- Replace damaged springs and damaged parts.

- Make sure that the rear cover can move smoothly on the hinges.

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.

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

Note: It is recommended that 2 persons do this procedure.

Note: Do not remove the product from the box when you assemble the handle. The box can be used for support for the handle during the assembly.

1. Lift and rotate the handle. (Fig. 12)



CAUTION: Be careful and make sure that the cable does not become damaged when you rotate the handle.

2. Put the handle on top of the product. Tilt the handle against the box for support of the handle. Refer to the illustration. (Fig. 13)
3. Push the screw (A) through the handle (B), the plastic washer (C) and the handle support bracket (D). (Fig. 14)
4. Tighten the nut (E) fully.
5. Remove the product from the box.
6. Fold the handle to upright position. (Fig. 15)
7. Set the handle height to the lowest position. Refer to *To adjust the handle on page 12*.
8. Attach the cable to the lower part of the handle with the cable clip. (Fig. 16)
9. Attach the lower part of the cable to the handle support bracket with the cable tie. Cut off the remaining part of the cable tie. (Fig. 17)

Note: Make sure that the cable is correctly attached. A cable that is too loose cause damage to the cable when the grass catcher is installed. (Fig. 18)

To adjust the handle

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. 19)

3. Set the handle height in one of the 2 available positions.
4. Move the knobs up in the direction of the handle until they stop and you hear a click. (Fig. 20)
5. Tighten the knobs fully.

To set the product in transport position

1. Remove the grass catcher (if installed).
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. 19)
4. Fold the handle forward. (Fig. 21)

To set the product in operation position

1. Fold the handle to upright position. (Fig. 15)
2. Move the knobs up in the direction of the handle until they stop and you hear a click. (Fig. 20)
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 out of the top of the bag. (Fig. 22)
2. Attach the grass bag to the frame with the clips. (Fig. 23)

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. Refer to *To fill fuel on page 12*.
4. Open the fuel valve. (Fig. 24)
5. Fill the oil tank and do a check of the oil level. See *To replace the engine oil 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.
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. Move the cutting height lever rearward to increase the cutting height.
2. Move the cutting height lever forward to decrease the cutting height. (Fig. 25)



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. Make sure that the fuel valve is open. Refer to *Before you operate the product on page 12*.
3. Stay behind the product.
4. Hold the engine brake handle against the handlebar. (Fig. 26)
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.



WARNING: Do not twist the starter rope around your hand.



CAUTION: Do not extend the starter rope fully. Do not release the starter rope handle when the starter rope is extended.

To use the drive on the wheels

- Start the drive on the wheels with the speed control lever on the left side of the handle. Move the speed control lever forward to increase the speed and rearward to decrease the speed. (Fig. 27)
- 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

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

To use the product with the grass catcher



WARNING: Do not operate the product without a grass catcher installed or without the rear cover closed. Objects can eject and cause injury to the operator.

1. Lift the rear cover and remove the mulch plug if it is installed. (Fig. 28)
2. Assemble the grass catcher, refer to *To assemble the grass catcher on page 12*.
3. Put the grass catcher on the bracket.
4. Release the rear cover and put it on top of the grass bag frame. (Fig. 29)

To change the product to mulching mode

1. Lift up the rear cover and remove the grass catcher.
2. Put the mulch plug into the discharge channel. (Fig. 30)
3. Replace the blade with the mulch blade that is supplied in the mulch kit. Refer to *Technical data on page 19*.

To change the product to side discharge mode

1. Lift the rear cover and remove the grass bag, if it is installed.
2. Close the rear cover and make sure that it is tightly closed against the product.
3. Lift the discharge lock. (Fig. 31)
4. Open the side discharge guard and install the side discharge deflector onto the support pins. (Fig. 32)
5. Let the side discharge guard close against the side discharge deflector. Make sure that the side discharge deflector is tightly in position before you operate the product.

To empty the grass catcher



CAUTION: Lift the grass catcher when you move it to prevent wear.

1. Lift the grass catcher with the frame handle.
2. Use the frame handle and the bag handle when you empty the grass catcher. (Fig. 33)

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. Use the highest cutting height when you start to cut the grass. Examine the result and lower the cutting height to an applicable level. If the grass is very long, operate slowly and cut 2 times if it is necessary.
- Cut in different directions each time to prevent stripes in the lawn.
- Lift 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.
- 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. Speak to your Husqvarna servicing dealer.

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 10*.

Maintenance	Daily	Monthly	Each season
Do a general inspection	X		
Examine the oil level	X		
Replace the oil (the first time after 5 h of use, then after each 100 h of use) ¹			X
Clean the product	X		
Clean behind the belt cover			X
Examine the cutting equipment	X		
Examine the cutting cover *	X		
Examine the engine brake handle *	X		
Examine the muffler *		X	
Examine the spark plug. Clean or replace the spark plug if it is necessary			X
Examine the air filter	X		
Clean the air filter ²		X	
Replace the air filter			X

¹ If the product is operated with heavy load or in high ambient temperatures, replace the engine oil each 25 hours.

² Clean more often under dusty conditions or when airborne debris is present. Replace air filter, if it is very dirty.

Maintenance	Daily	Monthly	Each season
Examine the fuel system			X
Examine and adjust the clutch wire.			X

To do a general inspection

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

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

- Empty the fuel tank.
- 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.

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

To clean behind the belt cover

- Empty the fuel tank.
- Tilt the product. Make sure that the spark plug point up.



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

- Remove the blade. Refer to *To replace the blade on page 15*.
- Remove the 2 screws and the 2 nuts. (Fig. 34)
- Remove the belt cover.
- Clean the surface with a brush



CAUTION: Water or contamination behind the belt cover can cause damage to the transmission.

- Install the belt cover.
- Install the 2 screws and the 2 nuts.
- Install the blade. Refer to *To replace the blade on page 15*.

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.

- Examine the cutting equipment for damage or cracks. Always replace a damaged cutting equipment.
- 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

- Lock the blade with a block of wood. (Fig. 35)
- Remove the blade bolt, the spring washer, the blade and the blade support. (Fig. 36)
- Examine the blade support and blade bolt for damages.
 - If you replace the blade or the blade support, also replace the blade bolt, the spring washer and the friction washer.
- Examine the engine shaft to make sure that it is not bent.
- When you attach the new blade, make sure that the bent ends point in the direction of the cutting cover. (Fig. 37)
- Put the friction washer and the blade against the blade support. (Fig. 38)
- Make sure that the blade aligns with the center of the engine shaft. (Fig. 39)
- Lock the blade with a block of wood. (Fig. 40)
- Attach the spring washer and tighten the bolt with a torque of 43 – 47 Nm. (Fig. 41)
- Pull the blade around by hand and make sure that it turns freely.



WARNING: Use protective gloves. The blade is very sharp and cuts 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. Attach the oil tank cap.
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. 42)

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. 43)

Operate the product until the fuel tank is empty.

1. Remove the ignition cable from the spark plug.
2. Remove the oil tank cap.
3. Drain the engine oil.
 - a) If you have an oil pump (accessory): Use the oil pump to empty the oil tank.
 - b) For models with an oil drain plug: Put a container below the oil drain plug to collect the engine oil in. Remove the oil drain plug and tilt the product to empty the oil tank.
 - c) For models without an oil drain plug: Put a container below the product to collect the engine oil in. Open the oil tank cap and tilt the product to empty the oil tank.
4. Fill with new engine oil of the type recommended in *Technical data on page 19*.
5. Do a check of the oil level. Refer to *To do a check of the oil level on page 16*.

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 19*. (Fig. 44)
- Replace the spark plug if it is necessary.

Air filter



CAUTION: Do not operate the product 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.



CAUTION: Do not use solvent or compressed air to clean the filters. It can cause damage to the filters.



CAUTION: Do maintenance on the air filter more frequently in dusty conditions.

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 remove and install the air filter



WARNING: Use protective gloves.

1. Push the 2 clips (A) on the air filter cover. (Fig. 45)
2. Carefully remove the air filter cover (B) from the engine.
3. Remove the foam filter (C) and the paper filter (D).

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 on page 17.*
6. Install in the opposite sequence. Make sure that the air filters seal properly against the air filter holder (E).

To clean the air filter

1. Remove the air filter cover, the foam filter and the paper filter. Refer to *To remove and install the air filter on page 16.*
2. Clean the foam filter with soap and water.
3. Flush the foam filter in clean water.
4. Squeeze the water from the foam filter and let it dry.
5. Hit the paper filter against a flat surface to make the particles fall off.



CAUTION: Do not use a brush to remove dirt from the paper filter, this will push the dirt into the filter.

6. Clean the air filter holder and the air filter cover with a moist cloth.



CAUTION: Make sure that no dirt goes into the air duct (A) on the air filter holder.(Fig. 46)

To do a check of the side discharge deflector

The side discharge deflector is attached to the side discharge opening of the product. It decreases the risk of objects to eject in the direction of the mow position of the operator.

1. Make sure that the side discharge deflector is not damaged.
2. Examine the side discharge deflector. Make sure that you do not see damages, such as cracks or broken springs that push the door to close.
3. Replace the side discharge deflector or the springs if they are damaged.

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 drain the fuel tank

1. Put a container below the fuel tank.
2. Remove the fuel tank cap.
3. Push the hose clips on the fuel hose against the carburetor.
4. Remove the fuel hose from the carburetor.
5. Put the fuel tank hose in the container and remove the hose clips.
6. Tilt the product and drain the fuel into the container.

To replace the fuel filter



WARNING: Use protective gloves.

1. Drain the fuel tank.
2. Move the hose clip away from the fuel tank. (Fig. 47)
3. Remove the fuel hose from the fuel tank. A small quantity of fuel can leak. (Fig. 48)
4. Remove the fuel filter from the fuel tank. (Fig. 49)
5. Install a new fuel filter in the fuel tank.
6. Attach the fuel hose to the fuel tank.
7. Put the hose clip in position against the fuel tank.

To adjust the clutch wire

For the situations that follow, it is necessary to decrease the length of the clutch wire:

- The drive of the wheels does not engage when you pull the drive bail or the speed control lever.
- The product moves slowly when the drive of the wheels is engaged.

For the situations that follow, it is necessary to extend the length of clutch wire:

- The product moves when the drive of the wheels is not engaged.
- Adjust the clutch wire.
 - a) To decrease the length of clutch wire, turn the adjuster screw counterclockwise.
 - b) To extend the length of the clutch wire, turn the adjustment screw clockwise. (Fig. 50)

If the product continues to drive unsatisfactory after the adjustment, speak to your servicing dealer

Transportation, storage and disposal

Transportation and storage

- For shorter storage and transportation of the product, close the fuel valve.

(Fig. 51)

- 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
- Clean the product and make sure the grass catcher is empty.
- 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 356V
Engine	
Brand	Husqvarna
Engine model name	HS 166AP
Displacement, cm ³	166
Engine speed - Nominal, rpm (revolutions per minute)	2650/min
Nominal engine output, kW ³	2.6
Ignition system	
Spark plug	Husqvarna HQT-7
Electrode gap, mm	0.75
Fuel and lubrication system	
Engine lubrication type	Splash
Fuel tank capacity, liter	1.5
Oil tank capacity, liter	0.5
Engine oil ⁴	Husqvarna SAE 30, Husqvarna SAE 5W-30 Synthetic, Husqvarna SAE 10W-40
Weight	
With empty tanks, kg	35
Noise emissions ⁵	
Sound power level, measured dB (A)	97
Sound power level, guaranteed L _{WA} dB (A)	98
Sound levels ⁶	
Sound pressure level at the operator's ear, dB (A)	85

³ 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.

⁴ Use engine oil of quality API 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 *Technical data on page 19* for the correct oil for low temperatures. Refer to the viscosity chart and select the best viscosity based on the expected outside temperature.

⁵ Noise emissions in the environment measured as sound power (L_{WA}) in conformity with EC directive 2000/14/EC. Reported data for sound power level has an uncertainty K=0.73 dB (A).

⁶ Sound pressure level according to ISO 5395-1:2013. Reported data for sound pressure level has an uncertainty K=2 dB (A).

	LC 356V
Vibration levels ⁷	
Handle, m/s ²	6.7
Cutting equipment	
Cutting height, mm	25–75
Cutting width, mm	560
Cutting system	Collection / BioClip® / Side discharge
Blade - standard	Collection 598562701
Blade - Accessory	Mulch 598563601
Drive	
Speed, km/h	3.0 - 4.5

⁷ Vibration level according to ISO 5395-1:2013. Reported data for vibration level has an uncertainty factor K=0.33 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 356V
Identification	Serial numbers dating from 2025 and onwards

is in conformity with the following EU directives and
regulations as amended:

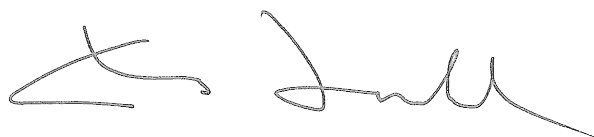
Regulation	Description
2006/42/EC	"relating to machinery"
2014/30/EU	"relating to electromagnetic compatibility"
2000/14/EC	"relating to the noise emissions in the environment"
2011/65/EU	"on the restriction of the use of certain hazardous substances in electrical and electronic equipment"

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, 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 19.

Huskvarna, 2025-11-03



Claes Losdal, Development Manager/Garden Products
Husqvarna AB

Responsible for technical documentation

