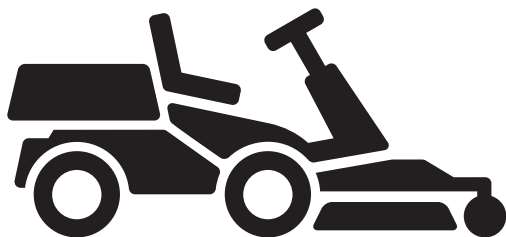




# Husqvarna®



## R 112C, R 112C5, R 115C

EN	Operator's manual	2-35
ES	Manual de usuario	36-69
PT	Manual do utilizador	70-103
IT	Manuale dell'operatore	104-137

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## Introduction

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### Pre-delivery inspection and product numbers

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**Note:** A pre-delivery inspection has been done of this product. Make sure that you receive a signed copy of the pre-delivery inspection document from your dealer.

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Service agent contact information:	
This operator's manual belongs to product with product number / serial number:	
/	
Engine:	
Transmission:	

### Product description

The product is a ride-on lawn mower. Forward and reverse pedals let the operator adjust the speed steplessly. The product is used with a 2-in-1 cutting deck with mulch plug.

### Intended use

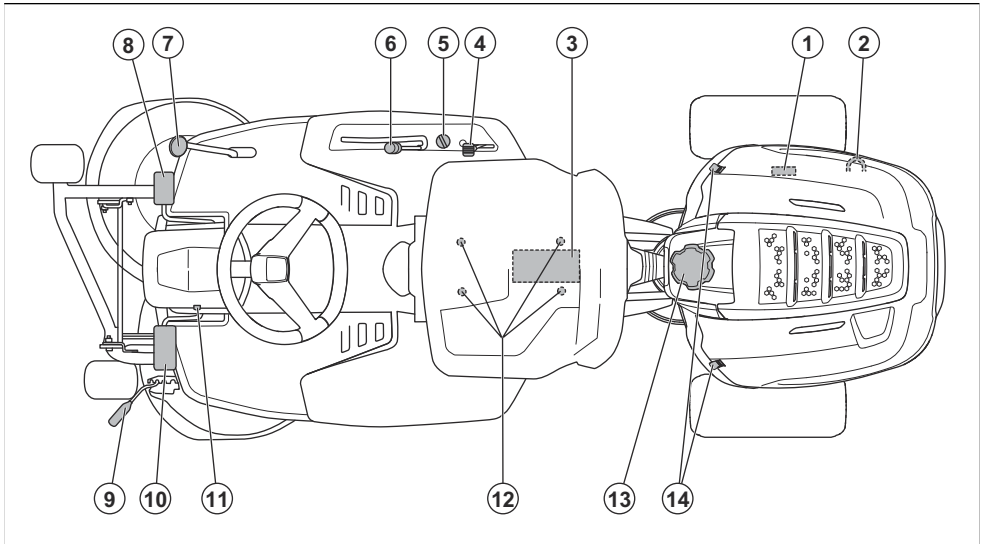
The product is made to cut grass on open and level ground in residential areas and gardens. Attach an

optional accessory to use the product for other tasks. Speak to your Husqvarna dealer for more information about which accessories that are available.

### Insure your product

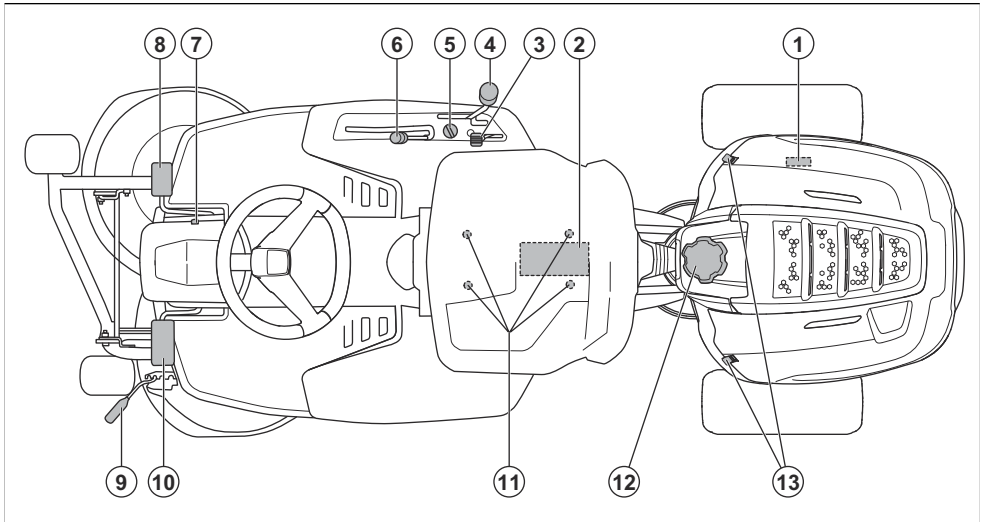
Make sure that you have insurance coverage for your new product. Speak to your insurance company if you are not sure. We recommend a fully comprehensive insurance that includes third party, fire, damage, theft and liability.

## Product overview R 112C, R 115C



1. Type plate
2. Lever to engage or disengage the drive
3. Battery
4. Throttle control/choke control
5. Ignition lock
6. Lift lever for the cutting deck
7. Rearward pedal
8. Forward pedal
9. Cutting height lever
10. Parking brake pedal
11. Lock button for parking brake
12. Seat adjustment
13. Fuel tank cap
14. Cover lock

## Product overview R 112C5



1. Type plate
2. Battery
3. Throttle control/choke control
4. Lever to shift gear
5. Ignition lock
6. Lift lever for the cutting deck
7. Lock button for parking brake
8. Parking brake pedal
9. Cutting height lever
10. Clutch pedal
11. Seat adjustment
12. Fuel tank cap
13. Cover lock

### Seat safety switch

The seat safety switch starts the safety circuit when the operator lifts from the seat. The engine and the drive to the blades stop if the blades are engaged or the parking brake is not applied. See also *Safety circuit on page 8*.

### Control for throttle and choke

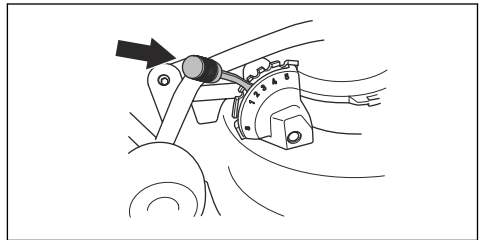
The throttle and choke control adjusts the engine speed and engages the choke. Move the control forward to increase the engine speed and rearward to decrease the engine speed. Move the control to the top to engage the choke. Use the choke to start the product when the engine is cold. See *To start the engine on page 14*.

### Cutting deck

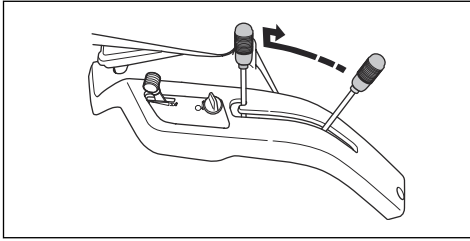
The product is used with a 2-in-1 cutting deck with mulch function. The mulch function cuts the grass into fertilizer. The 2-in-1 cutting deck can also be used without the mulch function, for rear discharge of the grass.

### Cutting height lever

The cutting height is adjusted in 5 (1–5) different positions.



**Note:** Lift the cutting deck before you adjust the cutting height.



## Symbols on the product



**WARNING:** Careless or incorrect use can result in 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.



Rotating blades. Keep body parts away from the cover when the engine is on.



Warning: rotating parts. Keep body parts away.



Look out for ejecting objects and ricochets.



Never use the product if persons, especially children, or animals, are in the vicinity.



Look behind you before and while you move the product in reverse.



Never cut grass across a slope. Do not cut grass on ground that slopes more than 10°. Refer to *To cut grass on slopes on page 9*.



Never carry passengers on the product or equipment.



Move forward.

**N**

Neutral gear.



Move rearward.



Clutch (R 112C5).



Choke (For R 115C and R 112C5).



Parking brake.



The product agrees with the applicable EC directives.



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 31* and on the label.



This product conforms to applicable UK regulations.



Always use approved hearing protection.



Stop the engine.

**START**

Start the engine.



Engine speed – fast.



Engine speed – slow.



Fuel.



Max. ethanol 10%.



The blades are engaged.



The blades are disengaged.



Transport position for the cutting deck.



Operation position for the cutting deck.



Oil level.

## Euro V Emissions



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

## 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.

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

## 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:** This product can cut off hands and feet and throw objects. Serious injury or death may occur if you do not obey the safety instructions.



**WARNING:** Do not continue to use a product with damaged cutting equipment. Damaged cutting equipment can throw

objects and cause serious injury or death. Replace damaged blades immediately.



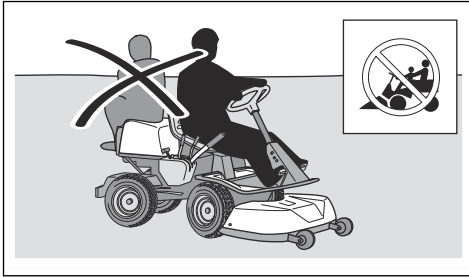
**WARNING:** This product produces an electromagnetic field during operation. This field may under some circumstances interfere with active or passive medical implants. To reduce the risk of serious or fatal injury we recommend persons with medical implants to consult their physician and the medical implant manufacturer before operating this product.



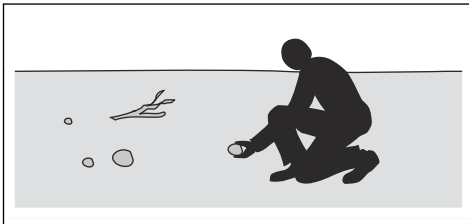
**WARNING:** Read the warning instructions that follow before you use the product.

- Always be careful and use your common sense. Avoid all situations which you consider to be beyond your capability. If you feel uncertainty about the operating procedures after you read the operator's manual, consult an expert before you continue.
- Read and understand the operator's manual and the instructions on the product carefully before you start the product.
- Learn how to use the product and its controls safely and learn how to stop the product quickly.
- Learn to recognize the safety decals.
- Keep the product clean to make sure that you can clearly read signs and stickers.

- Keep in mind that the operator will be held responsible for accidents that involve other persons or their property.
- Do not transport passengers. The product must only be used by one person.



- Do not let the product stay unsupervised with the engine on. Always stop the blades, apply the parking brake, stop the engine and remove the ignition key before you let the product stay unsupervised.
- Only use the product in daylight or in other well-lit conditions. Keep the product at a safe distance from holes or other irregularities in the ground. Look out for other possible risks.
- Do not use the product in bad weather, for example in fog, in rain, moist or in wet locations, strong winds, intense cold, risk of lightning, etc.
- Find and mark stones and other fixed objects to prevent collision.
- Clear the area of objects such as stones, toys, wires, etc. that may become caught in the blades and be thrown out.



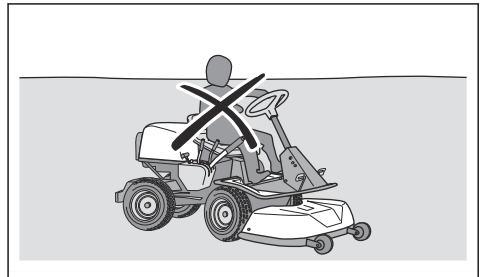
- Do not let children or other persons not approved for operation of the product to use or do servicing on it. Local laws may regulate the age of the user.
- Make sure that nobody else is in the vicinity of the product when you start the engine, engage the drive or start to move the product.
- Keep an eye on the traffic when you mow near a road or move across a road.
- Do not use the product if you are fatigued, while under the influence of alcohol or drugs, medicine or anything that can have a negative effect on your vision, alertness, coordination or judgement.
- Always park the product on a level surface with the engine stopped.

## Safety instructions regarding children



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

- Serious accidents can occur if you are not on your guard for children in the vicinity of the product. Children can be attracted to the product and to mowing. It is very possible that children do not stay where you last saw them.
- Keep children away from the area to be mowed. Make sure that an adult is responsible for the children.
- Keep an eye out and stop the product if children enter the work area. Be very careful near corners, bushes, trees or other objects that prevents a clear view.
- Before and while you move the product in reverse, look behind you and look down to make sure there are no small children in the vicinity of the product.
- Do not let children ride along. They can fall off and get seriously injured or prevent safe maneuvering of the product.
- Do not let children operate the product.



## Safety instructions for operation



**WARNING:** Do not touch the engine or exhaust system during or directly after operation. The engine and the exhaust system become very hot during operation. Risk of burn injuries, fire and damage to property or adjacent areas. When you operate the product, keep away from bushes and other objects.



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

- Always look down and behind you before and while you move in reverse. Look out for large and small obstacles.
- Decrease the speed before you turn around a corner.

- Stop the blades when you move across areas that you do not cut.



**CAUTION:** Read the caution instructions that follow before you use the product.

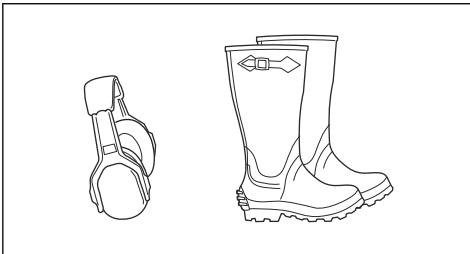
- Before you operate the product, clear the cold air intake of the engine from grass and dirt. If the cold air intake is blocked, there is a risk of engine damage.
- Move around stones and other larger objects carefully and make sure that the blades do not hit the objects.
- Do not operate the product across objects. Stop and examine the product and cutting deck if you operate the product across or into an object. If it is necessary, make repairs before you restart.

### Personal protective equipment



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

- Use approved personal protective equipment when you use the product. Personal protective equipment cannot fully prevent injury but it decreases the degree of injury if an accident does occur. Let your dealer help you select the right equipment.
- Use approved hearing protection. Long-term exposure to noise can result in permanent hearing impairment.
- Use heavy-duty slip-resistant boots or shoes. Steel toes are recommended. Do not use open shoes or go with bare feet.



- Use protective gloves when necessary, for example when you attach, examine or clean the cutting equipment.
- Do not wear loose-fitting clothing, jewelry or other items that can get caught in moving parts.
- Keep first aid equipment and fire extinguisher near.

### 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.
- Do not make modifications on safety devices. Do not use the product if protective plates, protective covers, safety switches or other protective devices are not attached or are defective.

#### To do a check of the ignition lock

- Start and stop the engine to do a check of the ignition lock. See *To start the engine on page 14* and *To stop the engine on page 16*.
- Make sure that the engine starts when you turn the ignition key to START.
- Make sure that the engine stops immediately when you turn the ignition key to STOP.

#### Safety circuit

The engine can only be started when the conditions are met as follows:

- The cutting deck is lifted and the parking brake is applied.

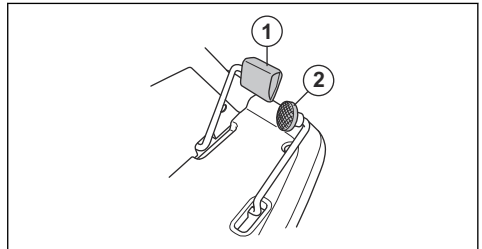
The engine must stop in the situations that follow:

- The cutting deck is lowered and the operator lifts from the seat.
- The cutting deck is lifted, the parking brake is not applied and the operator lifts from the seat.

To do a check of the safety circuit, try to start the engine with one of the conditions above not met. Change the conditions and try again. Do this check daily.

#### To do a check of the speed limiter, R 112C, R 115C

- Release the forward pedal (1). The speed decreases.
- For more brake power, press the reverse pedal (2).



- Make sure that the forward and reverse pedals are not blocked and can be operated freely.

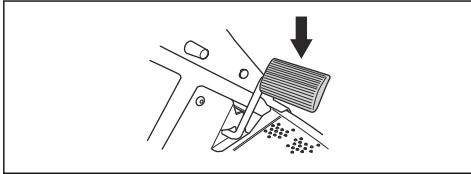


- Make sure that the speed decreases when the forward pedal is released.

### To do a check of the brake pedal, R 112C5

For R 112C5 the parking brake pedal is also the service brake.

- Make sure that the speed decreases when you press the brake pedal.



- Make sure that the brake pedal is not blocked and can be operated freely.

### 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.

### Parking brake



**WARNING:** If the parking brake does not work, the product can start to move and cause injury or damage. Make sure that the parking brake is regularly examined and adjusted.

Refer to *To do a check of the parking brake on page 21*.

### Protective covers

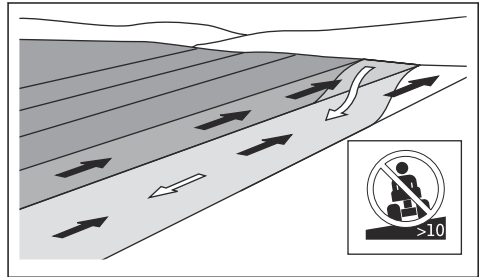
Missing or damaged protective covers increase the risk of injury on moving parts and hot surfaces. Do a check of the protective covers before you operate the product. Make sure that the protective covers are correctly attached and do not have cracks or other damages. Replace damaged covers.

### To cut grass on slopes

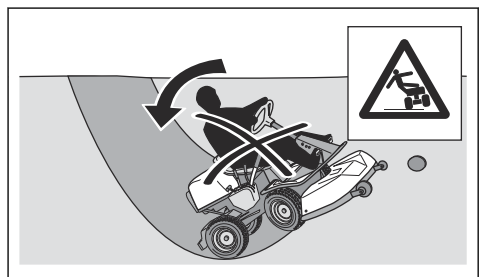


**WARNING:** Read the warning instructions that follow before you use the product.

- To cut grass on slopes increases the risk that you can not control the product and that it overturns. This can cause injury or death. It is necessary to cut the grass carefully on all slopes. If you cannot reverse up a slope or if you do not feel safe, do not cut it.
- Remove stones, branches and other obstacles.
- Cut up and down the slope, not from side to side.
- Do not move down a slope with the cutting deck lifted.
- Do not operate the product on ground that slopes more than 10°.



- Do not start or stop on a slope.
- Move smoothly and slowly on slopes.
- Do not make sudden changes in speed or direction.
- Do not turn more than necessary. Turn slowly and gradually when you move down a slope. Move at low speed. Turn the wheel carefully.
- Look out for and do not move across furrows, holes and bumps. There is a higher risk that the product overturns on ground that is not flat. Long grass can hide obstacles.
- Do not cut grass near edges, ditches or banks. The product can suddenly overturn if a wheel moves across the edge of a steep slope or a ditch, or if an edge gives way. If the product falls into water, there is a risk of drowning.



- Do not mow wet grass. It is slippery, and tires can lose their grip so that the product skids.
- Do not put your foot on the ground to try to make the product more stable.
- Move very carefully if an accessory or other object is attached that can make the product less stable.

## Fuel safety

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**WARNING:** Be careful with fuel. It is very flammable, and can cause injury and damage to property.

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

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- Do not fill the fuel tank indoors.
- Gasoline and gasoline fumes are poisonous and very flammable. Be careful with gasoline to prevent injury or fire.
- Do not remove the fuel tank cap or fill the fuel tank when the engine is on.
- Let the engine become cool before you refuel.
- Do not smoke when you fill fuel.
- Do not fill fuel near sparks or naked flames.
- If there are leaks in the fuel system, do not start the engine until the leaks are repaired.
- Do not fill above recommended fuel level. The heat from the engine and the sun makes the fuel expand and the fuel overflows if the tank is filled too much.
- Do not fill too much. If you spill fuel on the product, clean up the spill and wait until it is dry before you start the engine. If you spill on your clothing, change it.
- Store fuel in approved containers only.
- Store the product and fuel in such a way that there is no risk that fuel leaks or fumes can cause damage.
- Drain off the fuel in an approved container outdoors and away from naked flames.

## Battery safety

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**WARNING:** A damaged battery can cause an explosion and cause injury. If the battery has a deformation or is damaged, speak to an approved Husqvarna service agent.

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

---

- Use protective glasses when you are near batteries.
- Do not wear watches, jewelry or other metal objects near the battery.
- Keep the battery out of reach for children.
- Charge the battery in a space with good airflow.
- Keep flammable materials at a minimum clearance of 1 m when you charge the battery.
- Discard replaced batteries. See *Disposal on page 30*.

- Explosive gases can come from the battery. Do not smoke near the battery. Keep the battery away from open flames and sparks.

## Safety instructions for maintenance

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**WARNING:** The product is heavy and can cause injury or damage to property or the adjacent area. Do not do maintenance on the engine or the cutting deck without these conditions:

- The engine is off.
  - The product is parked on a level surface.
  - The parking brake is applied.
  - The ignition key is removed.
  - The cutting deck is disengaged.
  - The ignition cables are removed from the plugs.
- 



**WARNING:** The exhaust fumes from the engine contain carbon monoxide, an odourless, poisonous and very dangerous gas. Do not run the product in closed spaces or spaces with not sufficient air flow.

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

---

- For best performance and safety, do maintenance on the product regularly as given in the maintenance schedule. See *Maintenance schedule on page 17*.
  - Electrical shocks can cause injuries. Do not touch the cables when the engine is on. Do not do a function test on the ignition system with your fingers.
  - Do not start the engine if the protective covers are removed. There is a high risk of injury caused by moving or hot parts.
  - Let the product become cool before you do maintenance near the engine.
  - The blades are sharp and can cause cuts. Wind protection around the blades or use protective gloves when you do work on the blades.
  - Always put the cutting deck in servicing position to clean it. Do not park the product near the edge of a ditch or slope to get access to the cutting deck.
- 



**CAUTION:** Read the caution instructions that follow before you use the product.

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- Do not turn over the engine if the spark plug or ignition cable is removed.
- Make sure that all nuts and bolts are tightened correctly and that the equipment is in good condition.

- Do not change the adjustment of governors. If the engine speed is too high, the product components can become damaged. See *Technical data on page 31* for highest permitted engine speed.
- The product is approved only with the equipment supplied or recommended by the manufacturer.

## Assembly

### Introduction

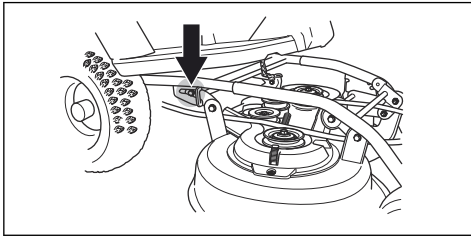


**WARNING:** The drive belt tension spring can break and cause injury. Wear protective glasses when you attach or remove the cutting deck.

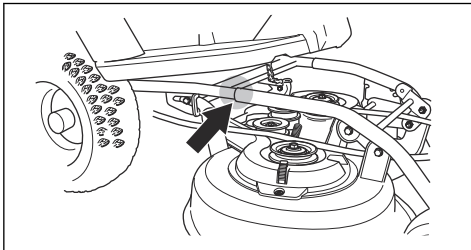
Read the assembly instructions in the owner's manual carefully. A label on the inner side of the front cover on the product, also shows how to attach and remove the cutting deck.

### To attach the cutting deck

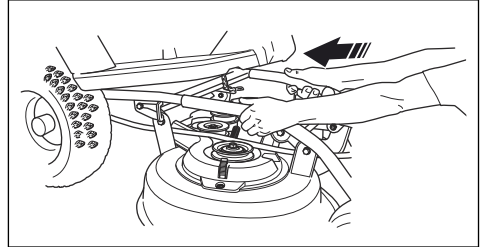
1. Park the product on level ground.
2. Apply the parking brake.
3. Push the cutting deck in and make sure that the guide bolts are put into the grooves on the equipment frame.



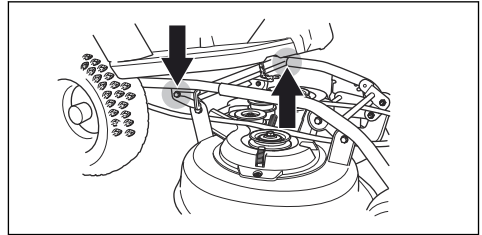
4. Align the pipes on the cutting deck with the pipes on the equipment frame.



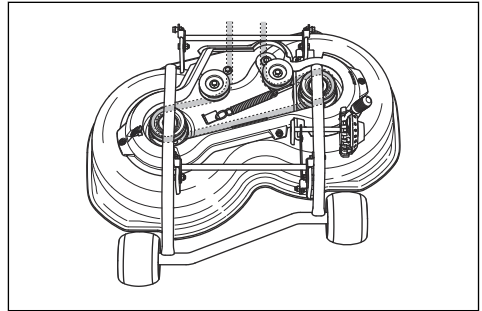
5. Hold the cutting deck with two hands and push it in.



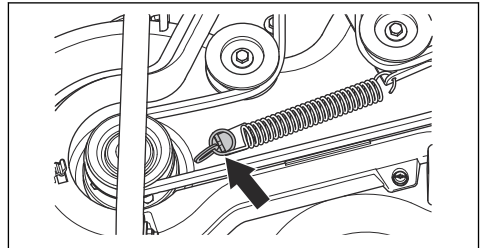
6. Push until the pipes and the bolts touch the bottom.



7. Attach the drive belt as given in the illustration.

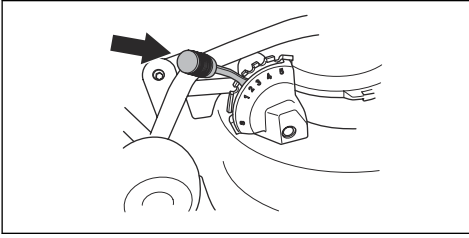


8. Attach the tension spring to apply tension to the drive belt.

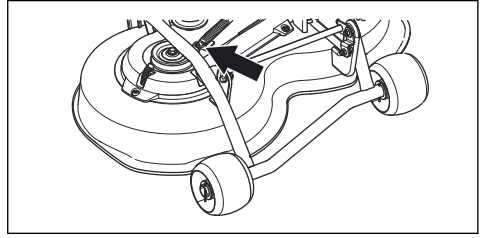


9. Attach the drive belt cover.

- Set the cutting height lever in a position between 1–5.

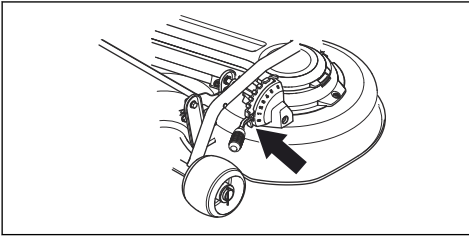


- Disengage the spring for the drive belt to loosen the drive belt tension.

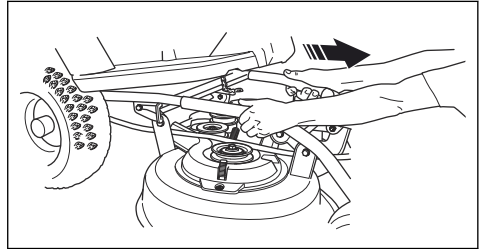


## To remove the cutting deck

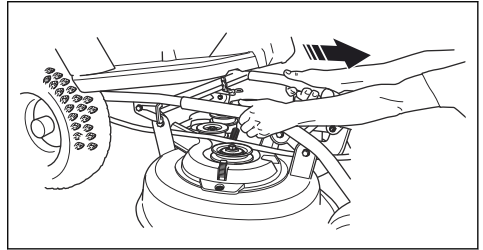
- Park the product on level ground.
- Apply the parking brake.
- Set the cutting height lever in the servicing position (S).



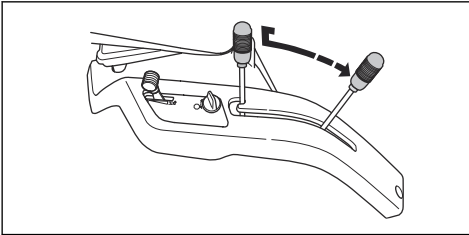
- Remove the drive belt.
- For (R 112C, R 112C5): Hold the cutting deck with 2 hands and pull it out. Lift the cutting deck and put it against the product or a wall.



- For (R 115C): Hold the cutting deck with 2 hands and pull it out until it stops.

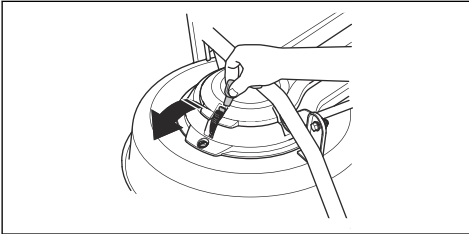


- Put the lift lever for the cutting deck in operation position.



- Lift the equipment frame lock to vertical position.

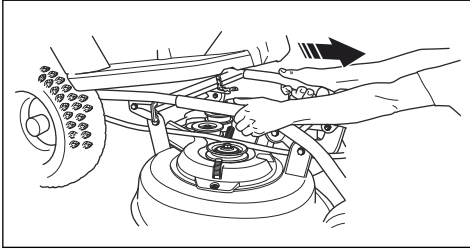
- Release the clip and remove the drive belt cover.



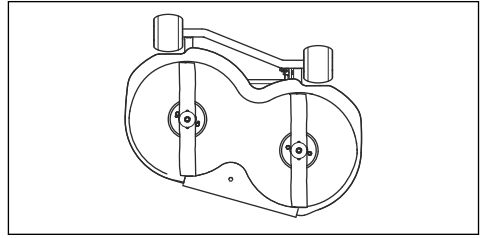
**WARNING:** The lock mechanism can cause injury to fingers if you do not operate it carefully. Put the equipment frame lock in full vertical position.

- Remove the pin to disconnect the stay from the cutting deck.

12. Hold the cutting deck with 2 hands and pull it out.



13. Lift the cutting deck and put it against the product or a wall.



## Operation

### Introduction



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

### To fill fuel



**WARNING:** Gasoline is very flammable. Be careful and refuel outdoors, refer to *Fuel safety on page 10*.



**WARNING:** Do not use the fuel tank as a support area.



**CAUTION:** Incorrect type of fuel can result in engine damage.

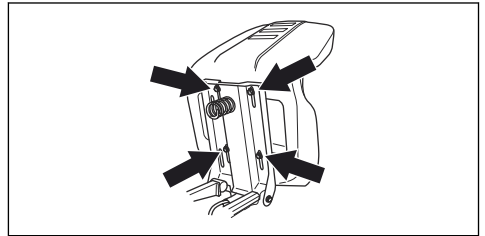
The engine runs on gasoline with a minimum octane rating of 91 RON (87 AKI), not mixed with oil. We recommend biodegradable alkylate gasoline. Do not use gasoline that contains more than 10% ethanol.

- Do a check of the fuel level before each use and refuel if it is necessary.
- Do not fully fill the fuel tank. Keep a space of a minimum 2.5 cm.

### To adjust the seat

- The seat can be tilted forward.

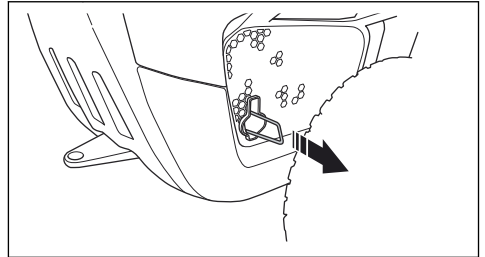
- To adjust the seat forward and rearward, loosen the bolts below the seat. Move the seat to the required position and tighten the bolts.



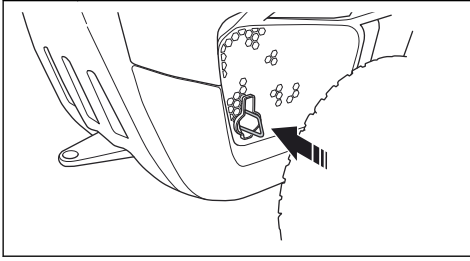
### To engage and disengage the drive system, R 112C, R 115C

To move the product with the engine off, the drive system must be disengaged.

- Pull out the drive system lever fully to disengage the drive on the axle.



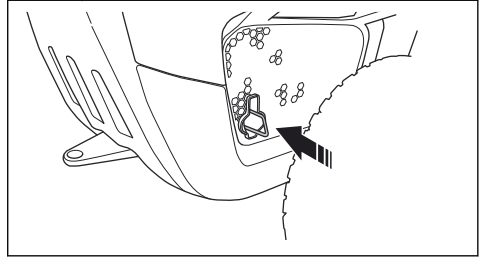
- Push the drive system lever in fully to engage the drive on the axle.



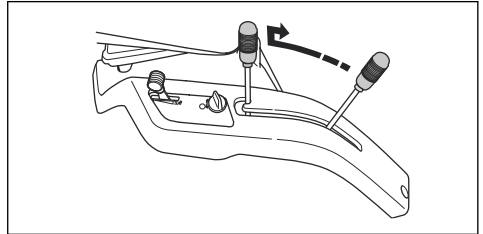
**Note:** Do not use middle positions.

## To start the engine

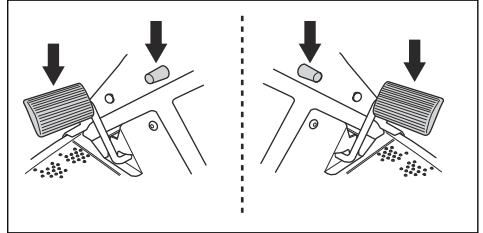
1. For R 112C, R 115C, make sure that the drive system is engaged, see *To engage and disengage the drive system, R 112C, R 115C on page 13.*



2. Lift up the cutting deck.

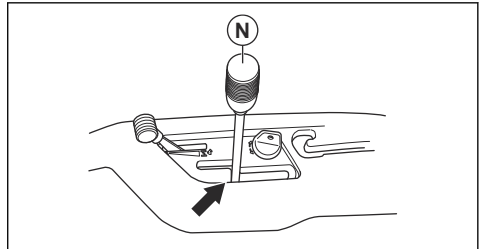


3. Apply the parking brake.



**Note:** For R 112C, R 115C, the parking brake is on the left side. For R 112C5, the parking brake is on the right side.

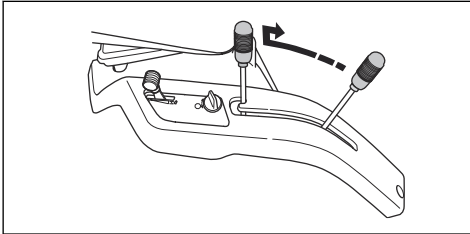
4. For R 112C5, put the gearshift lever in the neutral position (N).



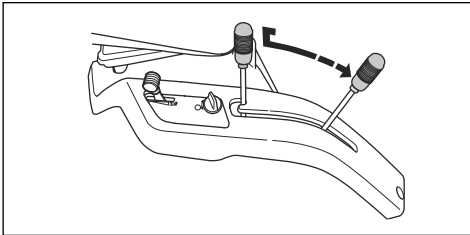
5. For R 112C and R 112C5. Put the throttle control in start position.

## To lift and lower the cutting deck

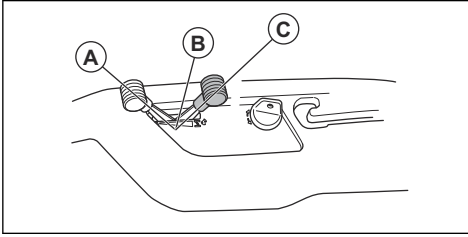
- To lift the cutting deck to transport position, pull the lift lever rearward. If the engine is on, the blades stop to rotate.



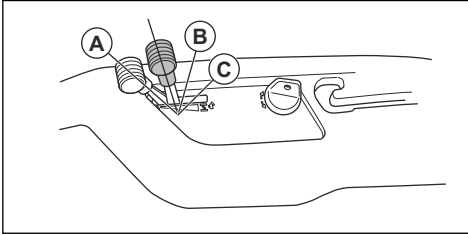
- To lower the cutting deck to mow position, press the lock button and move the lift lever forward. If the engine is on, the blades start to rotate.



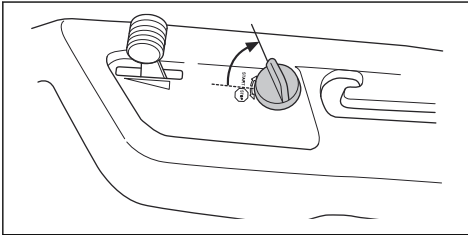
- a) If the engine is cold, put the throttle control in position (C), choke position.



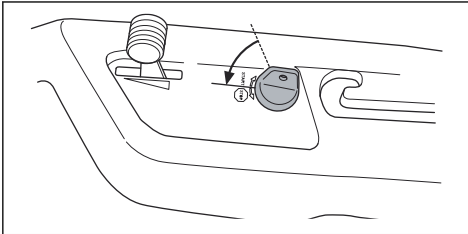
- b) If the engine is warm, put the throttle control between positions (A) and (B).



6. Turn the ignition key to the start position.



7. When the engine starts, immediately release the ignition key to neutral position.



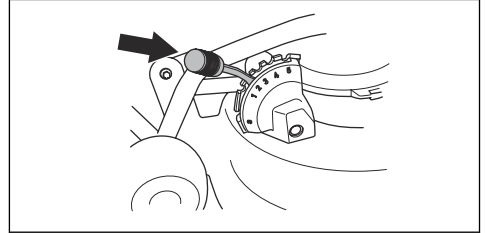
**Note:** Do not run the starter for more than 5 seconds at a time. If the engine does not start, wait 15 seconds before you try again. Then if the engine does not start, wait 1 minute before you try again.

8. Let the engine run at half throttle (B) for 3-5 minutes before you apply heavy load.  
9. Set the engine speed with the throttle control.

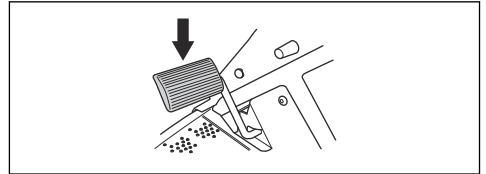
**Note:** To engage the blades when the engine is at full speed causes strain on the drive belts. Do not apply full throttle until the cutting deck has been lowered to the mow position.

## To operate the product, R 112C, R 115C

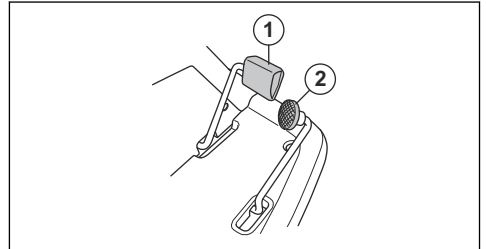
1. Select cutting height (1-5) with the cutting height lever.



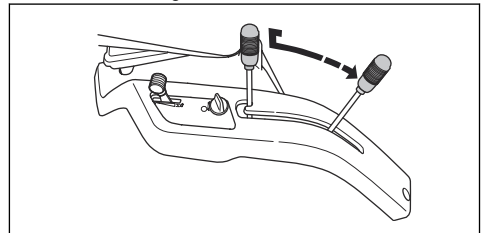
2. Start the engine.  
3. Press the parking brake pedal down and then release it to disengage the parking brake.



4. Carefully press down one of the speed pedals. The speed increases the more the pedal is pressed down. Use pedal (1) to move forward, and pedal (2) to reverse.



5. Release the speed pedal to engage the brakes.  
6. Lower the cutting deck.

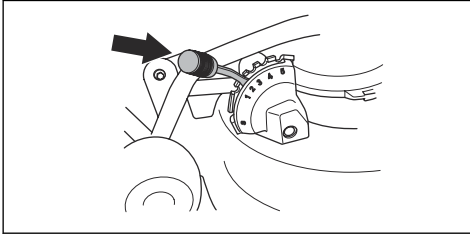


## To operate the product, R 112C5

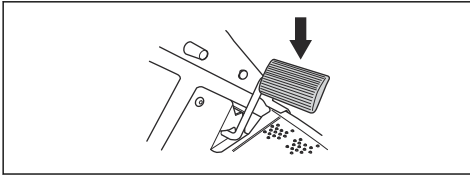


**CAUTION:** To prevent damage to the gearbox, always stop the product and disengage the engine before you change gears.

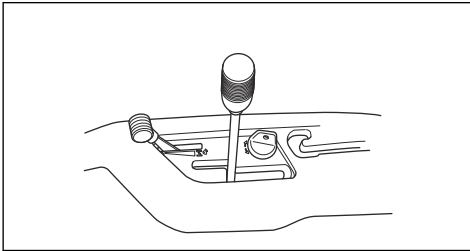
1. Select cutting height (1–5) with the cutting height lever.



2. Start the engine.
3. Press the parking brake pedal down and then release it to disengage the parking brake.



4. Press the clutch pedal down and select a gear. Select gear 1–4 when you cut grass with the product. Select gear 4–5 for transport of the product.

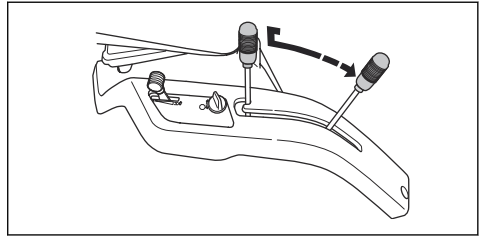


**CAUTION:** If a gear does not engage immediately, do not use force. Release the clutch pedal, press it down again and try to engage the gear again.

**Note:** You can start the product on all 5 gears.

5. Slowly release the clutch pedal.

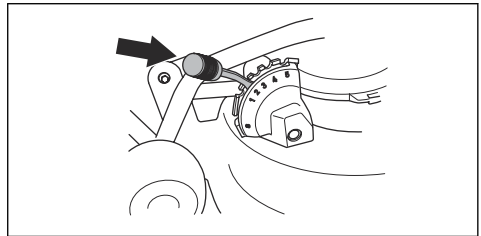
6. Lower the cutting deck.



7. To brake, press the parking brake/speed brake pedal.

## To start on a slope, R 112C5

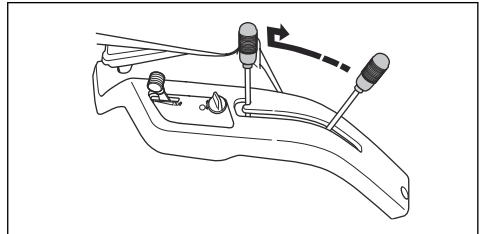
1. Select cutting height (1–5) with the cutting height lever.



2. Start the engine.
3. Press the parking brake pedal down.
4. Apply full throttle.
5. Press the clutch pedal down and select first gear.
6. Slowly release the parking brake pedal and the clutch pedal.

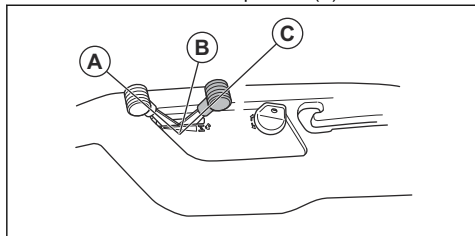
## To stop the engine

1. Pull the lift lever for the cutting deck rearward to lift up the cutting deck. The blades stop to rotate.

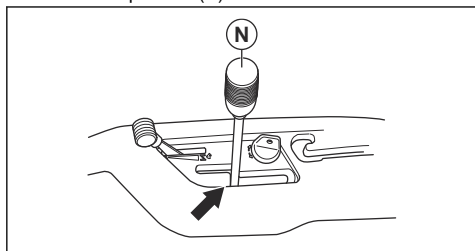




- Put the throttle control in position (A).



- For R 112C, R 115C, let the engine idle for a minimum of 30 seconds.
- For R 112C5, put the gearshift lever in the neutral position (N).

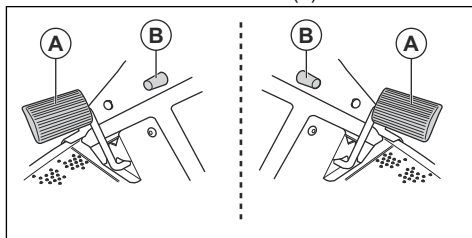


- Turn the ignition key to the STOP position.
- When the product stops, apply the parking brake.

## To apply and release the parking brake

R 112C, R 115C has the parking brake pedal and the lock button for the parking brake on the left side. R 112C5 has the parking brake pedal and the lock button for the parking brake on the right side.

- Press the parking brake pedal down (A).
- Press and hold the lock button (B).



- Keep the button pressed and release the parking brake pedal.
- To release the parking brake, press the parking brake pedal again.

## To get a good result

- Do not cut a wet lawn. Wet grass can give a bad result.
- Start with a high cutting height and decrease it gradually.
- Cut with blades that rotate at high speed (for highest permitted motor speed, refer to *Technical data on page 31*). Move the product forward at low speed. If the grass is not too high and thick, you can get a good result also at a higher speed.
- To get the best result, cut the grass frequently and use the mulch function. Refer to *To remove the mulch plug on page 25*.

# Maintenance

## Introduction



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

## Maintenance schedule

X = The instructions are given in this operator's manual.

O = The instructions are not given in this operator's manual. Let an approved service agent do the maintenance.

Maintenance schedule		Before each use/ weekly	Every 50 h or an- nually
General	Clean the battery and the terminals.		○
	Do a check of the battery level. Charge the battery if it is necessary.		X
	Examine all belts and pulleys for wear and damage. Replace worn or damaged parts.		○
	Clean the engine and the transmission.	X	X
	Examine all wires for damage.		○
	Adjust the steering wires.		○
	Lubricate the product.		○
	Make sure that all fasteners are tightened correctly.		○
	Make sure that the tire pressure is correct in all tires.		X
	Examine the steering chain inside the frame tunnel.		○
Engine	Examine the fuel hose for wear and damage. Re- place the fuel hose if it is necessary.		○
	Replace the fuel filter.		X
	Clean the air filter.	X	
	Replace the air filter.		X
	Examine the muffler and the heat deflector.	X	X
	Do a check of the engine oil level. Fill with engine oil if it is necessary.	X	
	Replace the engine oil.		X
	Replace the engine oil filter (if equipped).		X
	Replace the spark plug.		X
Do a check of the engine speed. Adjust the engine speed if it is necessary.		○	

Maintenance schedule		Before each use/ weekly	Every 50 h or an- nually
Transmission, con- trols and drive sys- tem	Examine the transmission cooling fan.	X	X
	Remove the wheels and lubricate the axles.		O
	Make sure that the product does not move when the pedals are in the neutral position.		O
	Do a check of the forward and rearward drive at different speeds.		O
	Do a check of the switch for the blade engagement control.		X
	Do a check of the switch for the cutting height lever.		X
	Do a check of the switches for the forward pedal and rearward pedal.		X
	Do a check of the parking brake.	X	X
	Do a check of the operator presence control (OPC).	X	X
Cutting equipment	Clean the cutting deck, below the belt covers and below the cutting deck.		X
	Do a check of the parallelism of the cutting deck. Adjust the cutting deck if it is necessary.		X
	Examine the cutting deck belt for wear and damage.		O
	Examine the blades for wear and damage. Sharpen or replace the blades if it is necessary.		X

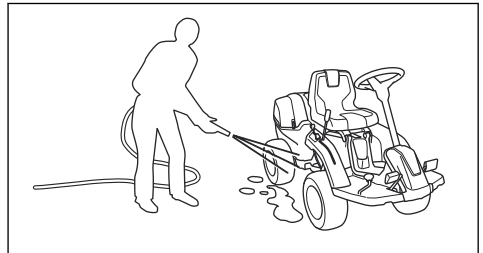
## To clean the product



**CAUTION:** Do not use a high-pressure washer or a steam cleaner. Water can go into bearings and electrical connections and cause corrosion which causes damage to the product.

Clean the product immediately after use.

- Do not clean hot surfaces such as the engine, muffler and exhaust system. Wait until the surfaces are cool, then remove the grass or dirt.
- Before you clean with water, clean with a brush. Remove grass cuttings and dirt on and around the transmission, the transmission air intake, and the engine.
- Use running water from a hose to clean the product. Do not use high pressure.
- Do not point the water at electrical components or bearings. Detergent usually increases the damage.
- To clean the cutting deck, remove it and hose it down with water.
- When the product is clean, start the cutting deck for a short period to blow off remaining water.



## To clean the engine and the muffler

Keep the engine and muffler free from grass cuttings and dirt. Grass cuttings soaked in fuel or oil on the engine can increase the fire risk and the risk that the engine becomes too hot. Let the engine cool before it is cleaned. Clean with water and a brush.

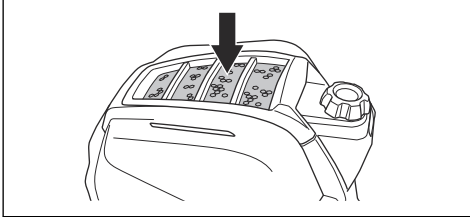
Grass cuttings around the muffler dry quickly and are a fire risk. Use a brush or remove the grass cuttings with water when the muffler is cold.

## To clean the cold air intake of the engine, (R 112C, R 112C5)

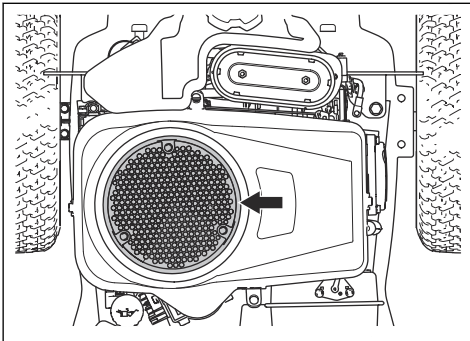


**WARNING:** Stop the engine. The cold air intake rotates and can cause injury to your fingers.

- Make sure that the intake grille on the engine cover is not blocked. Remove grass and dirt with a brush.



- Open the engine cover. Make sure that the cold air intake is not blocked. Remove grass and dirt with a brush.

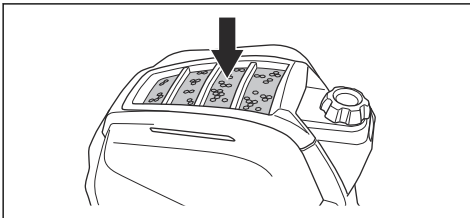


## To clean the cold air intake of the engine, (R 115C)

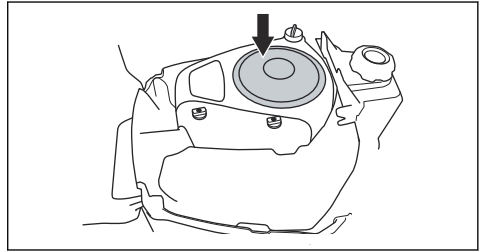


**WARNING:** Stop the engine. The cold air intake rotates and can cause injury to your fingers.

- Make sure that the intake grille on the engine cover is not blocked. Remove grass and dirt with a brush.



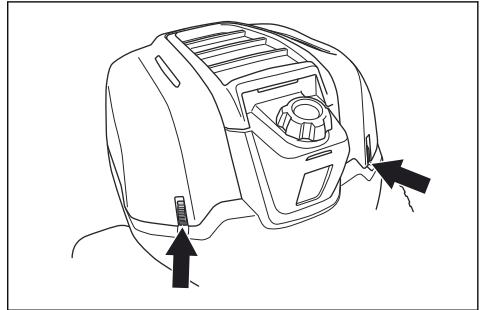
- Open the engine cover. Make sure that the cold air intake is not blocked. Remove grass and dirt with a brush.



## To remove the covers

### To remove the engine cover

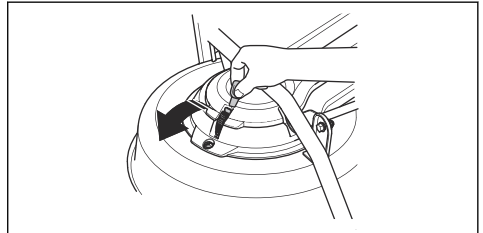
1. Release the clips on the engine cover.



2. Fold the engine cover rearward.

### To remove the belt cover

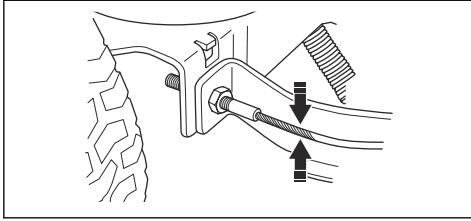
1. Release the clip on the belt cover.



2. Remove the belt cover.

## To examine the steering cables

1. The steering cables are correctly tightened if you can manually move them 5 mm up or down in the groove on the steering collar.



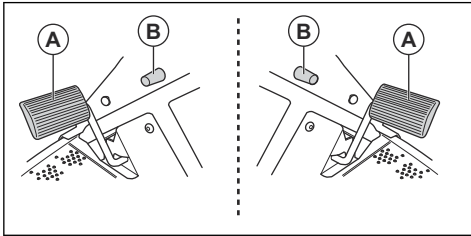
2. If the wires are too loose, let an authorized service agent adjust them.

## To do a check of the parking brake

1. Park the product on a hard surface that slopes.

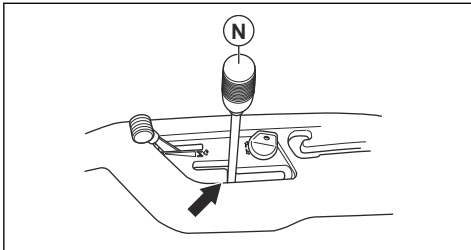
**Note:** Do not park the product on a grass slope when you do a check of the parking brake.

2. Press the parking brake pedal down (A).
3. Press and hold the lock button (B) and release the parking brake pedal while the button is pressed.



**Note:** For R 112C, R 115C, the parking brake is on the left side. For R 112C5, the parking brake is on the right side.

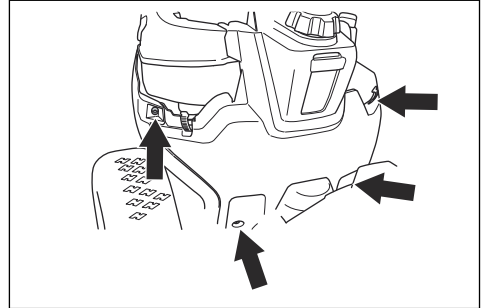
4. For R 112C5, put the gearshift lever in the neutral position (N).



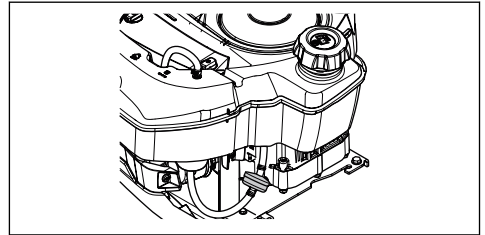
5. If the product starts to move, let an approved service agent adjust the parking brake.
6. Press the parking brake pedal again to release the parking brake.

## To replace the fuel filter

1. Open the engine cover.
2. To access the fuel filter, remove the 4 screws and remove the protective cover.



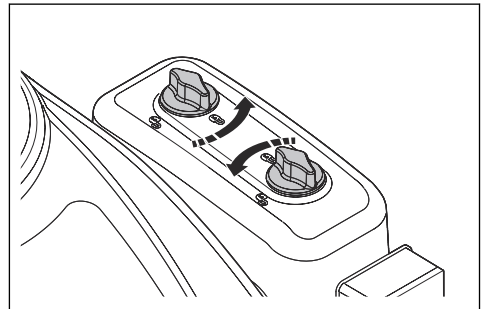
3. Move the hose clips away from the fuel filter with a pair of flat pliers.
4. Pull off the fuel filter from the hose ends.



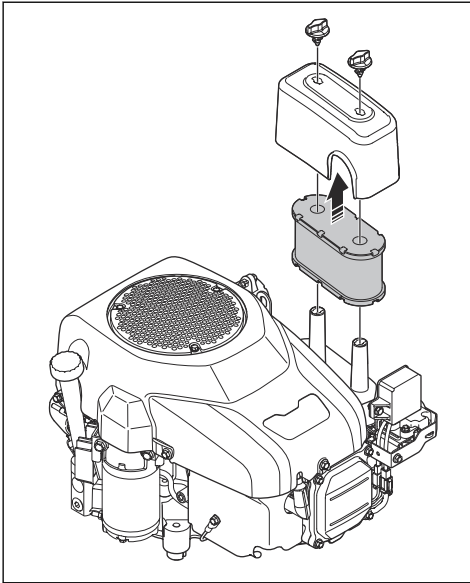
5. Press the new fuel filter into the ends of the hoses. Apply liquid detergent to the ends of the fuel filter to make the connection easier.
6. Push the hose clips against the fuel filter.
7. Attach the protective cover with the 4 screws.

## To clean and replace the air filter (R 112C, R 112C5)

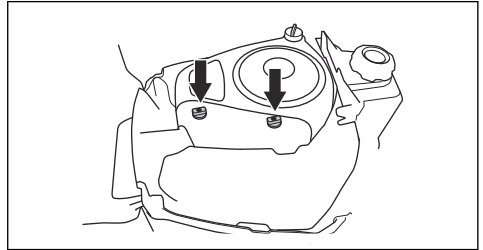
1. Open the engine cover.
2. Loosen the knobs that hold the air filter cover and remove the cover.



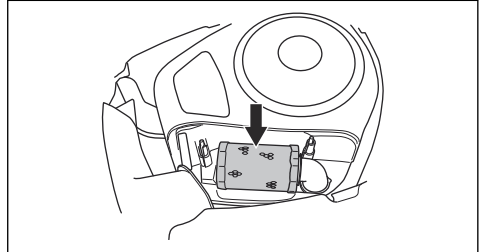
3. Remove the air filter cartridge from the filter housing.



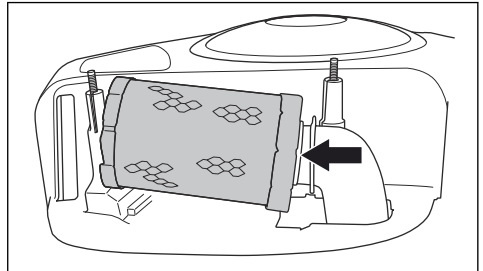
2. Loosen the knobs that hold the air filter cover and remove the cover.



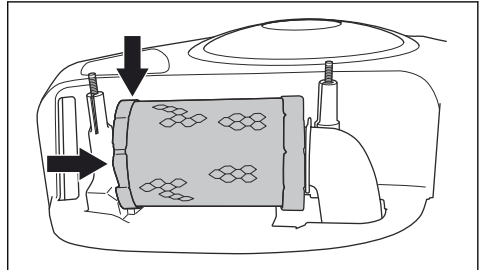
3. Remove the air filter cartridge from the filter housing.



4. Put a new air filter cartridge on the air hose.



5. Push the air filter cartridge into correct position.



6. Attach the air filter cover and tighten the knobs.

## To remove and attach the rear right cover

1. Open the engine cover.
2. Remove the screw (A).

4. To clean the foam air filter, do the steps that follow.

- a) Remove the foam air filter from the air filter cartridge.
- b) Clean the foam air filter with a weak detergent.
- c) Let the foam air filter become dry.
- d) Install the foam air filter around the air filter cartridge.

5. To clean the paper air filter, do the steps that follow.

- a) Hit the paper air filter against a hard surface.
- b) Blow with compressed air from the inner side of the paper air filter.



**CAUTION:** If the paper air filter does not become clean, the paper air filter must be replaced.

6. Install in the opposite sequence.

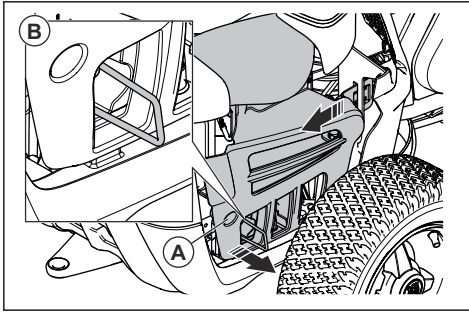
## To replace the air filter (R 115C)

1. Open the engine cover.

- Turn the drive system lever (B) counterclockwise to loosen it from the drive system.

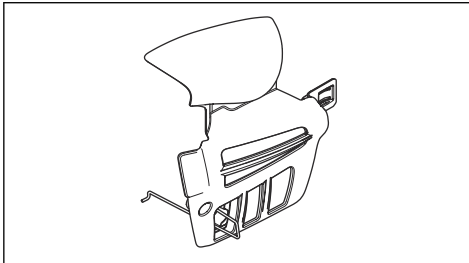
**Note:** Do not remove the drive system lever completely.

- Remove the rear right cover. The drive system lever is removed together with the rear right cover.

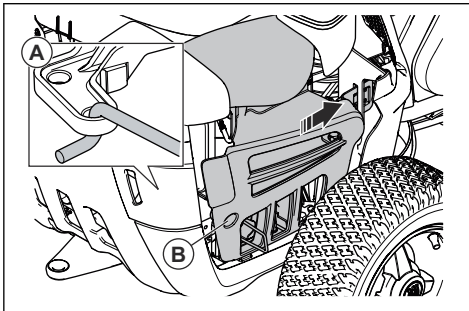


**Note:** The plastic covers are flexible. Bend them carefully to make the removal easier.

- Before you attach the rear right cover, make sure that the drive system lever is in the correct position.

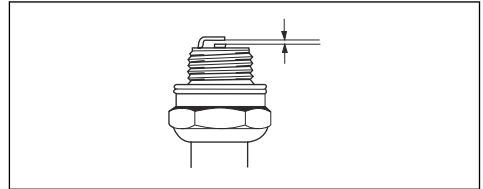


- Put the rear right cover back in its initial position.
- Put the hook at the end of the drive system lever through the hole as shown (A).
- Attach the screw (B).



## To examine and replace the spark plug

- Remove the rear right cover, see *To remove and attach the rear right cover on page 22*.
- Remove the ignition cable shoe and clean around the spark plug.
- Remove the spark plug with a  $\frac{5}{8}$ " (16 mm) spark plug wrench.
- Examine the spark plug. Replace it if the electrodes are burned or if the insulation has cracks or damages. If the spark plug is not damaged, clean it with a steel brush.
- Measure the electrode gap and make sure that it is correct. See *Technical data on page 31*.



- Bend the side electrode to adjust the electrode gap.
- Put the spark plug back in and turn it by hand until it touches the spark plug seat.
- Tighten the spark plug with the spark plug wrench until the washer is compressed.
- Tighten a used spark plug  $\frac{1}{8}$  of a turn more, and a new spark plug  $\frac{1}{4}$  turn more.



**CAUTION:** Spark plugs that are not tightened correctly can cause damage to the engine.

- Replace the ignition cable shoe.



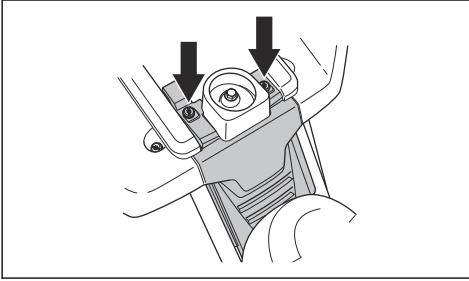
**CAUTION:** Do not try to start the engine if the spark plug or ignition cable is removed.

- Attach the rear right cover, see *To remove and attach the rear right cover on page 22*.

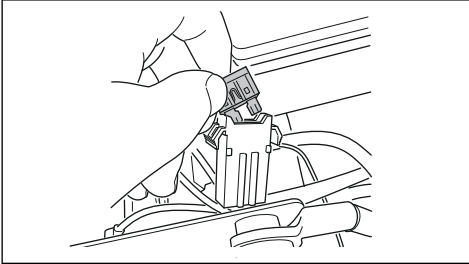
## To replace the main fuse

A broken fuse is identified by a burned connector.

1. Remove the 2 screws and remove the protective cover. The main fuse is in a holder behind the battery.



2. Pull the fuse from the holder.



3. Replace the broken fuse with a new fuse of the same type, flat pin 15 A.
4. Replace the cover.

If the main fuse breaks again a short period after you replace it, there is a short circuit. Repair the short circuit before you operate the product again. Let an approved service agent help you.

## To charge the battery

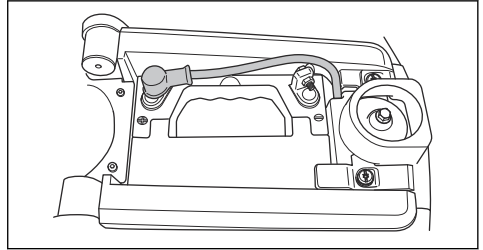
- Charge the battery if it is too weak to start the engine.
- Use a standard battery charger.



**CAUTION:** Do not use a boost charger or start booster. That will cause damage to the electrical system of the product.

- Charge for 4 hours at maximum 3A.
- Always disconnect the charger before starting the engine.

- When the battery is charged, connect the red cable to the POSITIVE battery terminal (+) and the black cable to the NEGATIVE battery terminal (-). Make sure that the red (+) cable is drawn behind the black (-) cable.



## To do an emergency start of the engine

If the battery is too weak to start the engine, you can use jumper cables to do an emergency start. This product has a 12 V system with negative ground. The product that is used for the emergency start must also have a 12 V system with negative ground.

### To connect the jumper cables

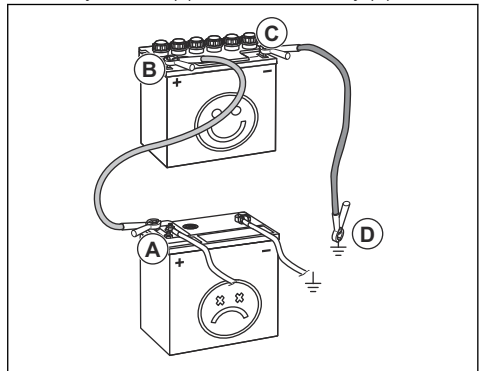


**WARNING:** Risk of explosion because of explosive gas that comes from the battery. Do not connect the negative terminal of the fully charged battery to or near the negative terminal of the weak battery.



**CAUTION:** Do not use the battery of your product to start other vehicles.

1. Remove the engine cover.
2. Remove the cover for the battery case.
3. Connect one end of the red cable to the POSITIVE battery terminal (+) on the weak battery (A).





- Connect the other end of the red cable to the POSITIVE battery terminal (+) on the fully charged battery (B).



**WARNING:** Do not short circuit the ends of the red cable against the chassis.

- Connect one end of the black cable to the NEGATIVE battery terminal (-) on the fully charged battery (C).
- Connect the other end of the black cable to a CHASSIS GROUND (D), away from the fuel tank and the battery.
- Replace the covers.

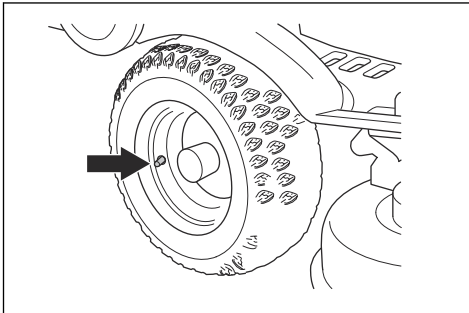
### To remove the jumper cables

**Note:** Remove the jumper cables in the opposite sequence to how you connect them.

- Remove the BLACK cable from the chassis.
- Remove the BLACK cable from the fully charged battery.
- Remove the RED cable from the 2 batteries.

### Tire pressure

The correct tire pressure is 60 kPa (0.6 bar / 8.5 PSI) on all 4 tires.

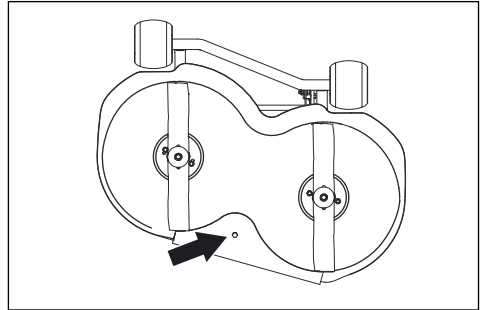


### To remove the mulch plug

You find the mulch plug on the bottom side of the cutting deck.

- Remove the cutting deck. Refer to *To remove the cutting deck on page 12*.

- Remove the screw that holds the mulch plug and remove the mulch plug.



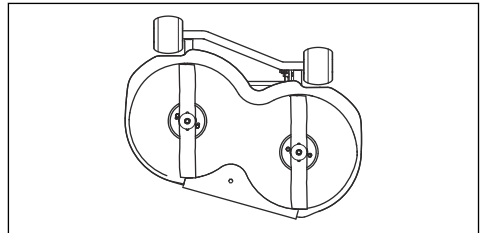
- Put the cutting deck in mow position.
- Attach the mulch plug in the opposite sequence.

### To examine the blades



**CAUTION:** Damaged or incorrectly balanced blades can cause damage to the product. Replace damaged blades. Let an approved service agent help you sharpen and balance blunt blades.

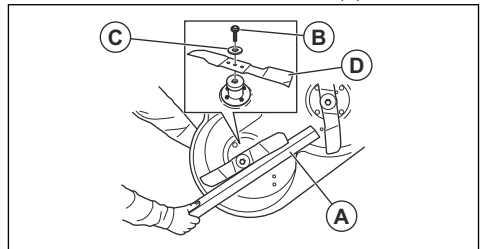
- Remove the cutting deck. Refer to *To remove the cutting deck on page 12*.
- Look at the blades to see if they are damaged and if it is necessary to sharpen them.



- Tighten the blade bolts with tightening torque Nm.

### To replace the blades

- Remove the cutting deck. Refer to *To remove the cutting deck on page 12*.
- Lock the blade with a wooden block (A).



- Loosen and remove the blade bolt (B), the washers (C) and the blade (D).
- Assemble the new blade with the bent ends in the direction of the cutting deck.

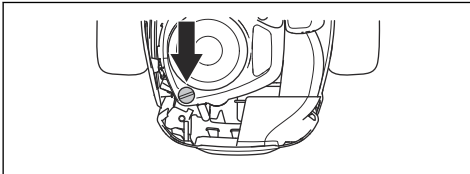


**WARNING:** Incorrect blade type can cause objects to eject from the cutting deck and cause serious injury. Use only the blades given in *Technical data on page 31*.

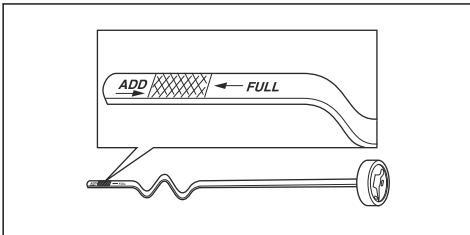
- Attach the blade, the washer and the bolt. Tighten the bolt with the correct tightening torque. Refer to *Technical data on page 31*.

## To do a check of the engine oil level, (R 112C, R 112C5)

- Park the product on level ground and stop the engine.
- Open the engine cover.
- Loosen the dipstick and pull it out.



- Clean the oil from the dipstick.
- Put the dipstick back in and tighten it.
- Loosen and pull the dipstick out and read the oil level.
- The oil level must be between the marks on the dipstick. If the level is near the ADD mark, fill oil to the FULL mark.



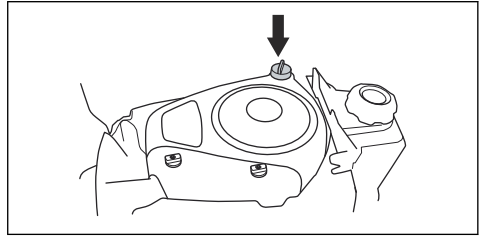
- Fill the oil through the hole for the dipstick. Fill the oil slowly.

**Note:** See *Technical data on page 31* for the types of engine oil that we recommend. Do not mix different types of oil.

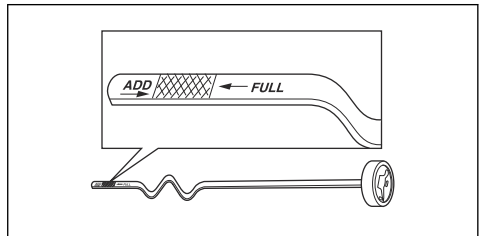
- Tighten the dipstick correctly before you start the engine. Start and idle the engine for approximately 30 seconds. Stop the engine. Wait 30 seconds and do a check of the oil level again.

## To do a check of the engine oil level, (R 115C)

- Park the product on level ground and stop the engine.
- Open the engine cover.
- Loosen the dipstick and pull it out.



- Clean the oil from the dipstick.
- Put the dipstick back in and tighten it.
- Loosen and pull the dipstick out and read the oil level.
- The oil level must be between the marks on the dipstick. If the level is near the ADD mark, fill oil to the FULL mark.



- Fill the oil through the hole for the dipstick. Fill the oil slowly.

**Note:** See *Technical data on page 31* for the types of engine oil that we recommend. Do not mix different types of oil.

- Tighten the dipstick correctly before you start the engine. Start and idle the engine for approximately 30 seconds. Stop the engine. Wait 30 seconds and do a check of the oil level again.

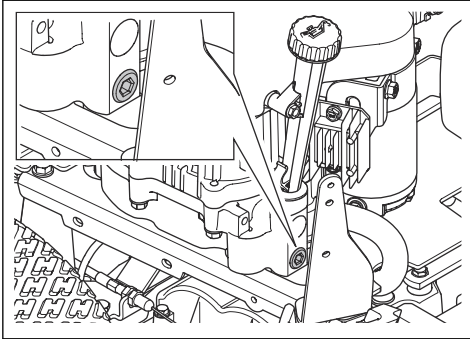
## To replace the engine oil



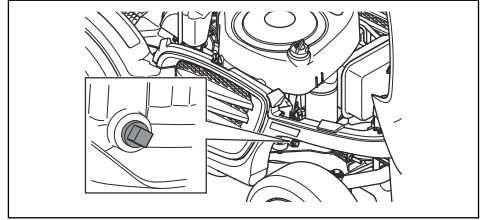
**WARNING:** Engine oil is very hot directly after the engine stops. Let the engine become cool before you drain the engine oil. If you spill engine oil on your skin, clean with soap and water.

- Put a container below the oil drain plug.
- Remove the dipstick.
- Remove the drain plug.

a) For R 112C.



b) For R 112C5 and R 115C.



4. Drain the engine oil into the container.
5. Attach the drain plug and tighten it.
6. Fill with new engine oil. Refer to *To do a check of the engine oil level, (R 115C) on page 26.*
7. Install the dipstick.
8. Let the engine become warm, then make sure that there is no leakage from the oil drain plug.

## Troubleshooting

### Troubleshooting schedule

If you cannot find a solution to your problems in this owner's manual, speak to your Husqvarna service agent.

Problem	Cause
The starter motor does not turn the engine over	The parking brake is not applied. See <i>To apply and release the parking brake on page 17.</i>
	The lift lever for the cutting deck is in mow position. See <i>To lift and lower the cutting deck on page 14.</i>
	The main fuse is blown. See <i>To replace the main fuse on page 23.</i>
	The ignition lock is defective.
	The connection between the cable and the battery is bad. See <i>To charge the battery on page 24.</i>
	The battery is too weak. See <i>To charge the battery on page 24.</i>
	The starter motor is defective.
The engine does not start when the start motor turns the engine over	There is no fuel in the fuel tank. See <i>To fill fuel on page 13.</i>
	The spark plug is defective.
	The ignition cable is defective.
	There is dirt in the carburettor or fuel line.

<b>Problem</b>	<b>Cause</b>
The engine does not run smoothly	The spark plug is defective.
	The carburettor is incorrectly set.
	The air filter is clogged. See <i>To clean and replace the air filter (R 112C, R 112C5) on page 21.</i>
	The fuel tank vent is blocked.
	There is dirt in the carburetor or fuel line.
	The throttle control is set to choke position or the throttle wire is incorrectly adjusted
The engine apparently has no power	The air filter is clogged. See <i>To clean and replace the air filter (R 112C, R 112C5) on page 21.</i>
	The spark plug is defective.
	There is dirt in the carburetor or fuel line.
	The throttle control is set to choke position or the throttle wire is incorrectly adjusted
The battery does not charge	The battery is defective. See <i>Battery safety on page 10.</i>
	The connection at the cable connectors on the battery terminals is bad. See <i>To charge the battery on page 24.</i>
There is vibration in the product	The blades are loose. See <i>To examine the blades on page 25.</i>
	One or more of the blades are unbalanced. See <i>To examine the blades on page 25.</i>
	The engine is loose.
The cutting result is unsatisfactory	The blades are blunt. See <i>To examine the blades on page 25.</i>
	The grass is long or wet. See <i>To get a good result on page 17.</i>
	The cutting deck is skew.
	There is grass blockage in the cutting deck. See <i>To clean the product on page 19.</i>
	The tire pressure is different on the right and left sides. See <i>Tire pressure on page 25.</i>
	The product is operated at a too high speed. See <i>Technical data on page 31.</i>
	The engine speed is too low. See <i>Technical data on page 31.</i>
	The drive belt slips.

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## Transportation, storage and disposal

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### Transportation

- The product is heavy and can cause crush injuries. Be careful when you load it onto or off a vehicle or trailer.

- Do not lift the product. The transport eyelets are not approved lifting points and must only be used to attach the product safely to a trailer.
- Use an approved trailer for transportation of the product.

- Make sure that you have knowledge of local road traffic regulations before transportation of the product in a trailer or on roads.

## To safely attach the product on a trailer for transport



**WARNING:** The parking brake is not sufficient to lock the product during transport. Attach the product tightly to the trailer.

Equipment: 2 approved tension belts and 4 wedge shaped wheel blocks.

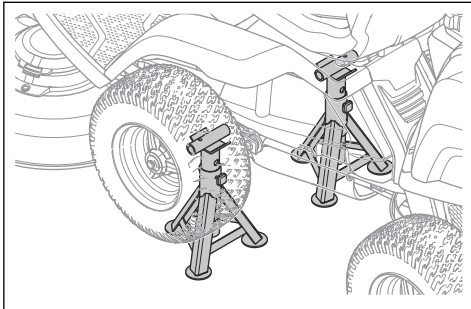
1. Apply the parking brake.
2. Attach the tension belts around the frame or rear wagon.
3. Tighten the tension belts in the direction of the rear and the front of the trailer to secure the product.
4. Put the wheel blocks in front of and behind the rear wheels.

## To put supports below the product

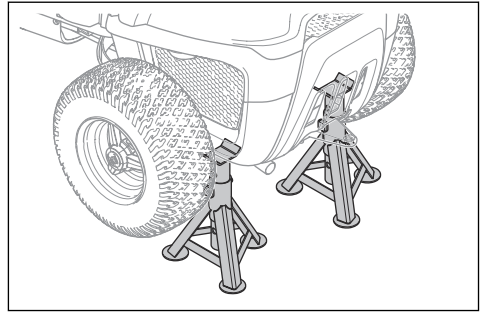


**WARNING:** Always put supports on the 2 sides of the product to make it stable.

1. Park the product on a hard and level ground.
2. Remove the cutting deck. Refer to *To remove the cutting deck on page 12*.
3. Lift the product with a jack assembly.
4. Put the front supports below the front wheel axles.



5. Put the rear supports below the rear frame.



## To tow the product

The product has a hydrostatic transmission. To prevent damage to the transmission, tow the product short distances only and at low speed.

Disengage the transmission before you tow the product. Refer to *To engage and disengage the drive system, R 112C, R 115C on page 13*.

## Storage

Prepare the product for storage at the end of the season, and before more than 30 days of storage. If you keep fuel in the fuel tank for 30 days or more, tacky particles can cause blockage in the carburetor. This has a negative effect on the engine function.

To prevent tacky particles during storage, add a stabilizer. If alkylate gasoline is used, stabilizer is not necessary. If you use standard gasoline, do not change to alkylate gasoline. This can cause sensitive rubber parts to become hard. Add stabilizer to the fuel in the tank or in the container used for storage. Always use the mixing ratios given by the manufacturer. Run the engine for a minimum of 10 minutes after you add the stabilizer until it flows into the carburetor.



**WARNING:** Do not keep the product with fuel in the tank in an indoor location or in locations with bad airflow. Risk of fire if fuel fumes come near open flames, sparks, or pilot lights in for example boilers, hot water tanks and clothes dryers.



**WARNING:** Remove grass, leaves and other flammable materials from the product to decrease the risk of fire. Let the product become cool before you put it in storage.

- Clean the product, see *To clean the product on page 19*. Repair paint damages to prevent corrosion.
- Examine the product for worn or damaged parts and tighten loose screws and nuts.
- Remove the battery. Clean it, charge it, and keep it cool during storage.

- Change the engine oil, and discard the waste oil.
- Empty the fuel tank. Start the engine and run it until there is no remaining fuel in the carburetor.

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**Note:** Do not empty the fuel tank and carburetor if a stabilizer has been added.

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- Remove the plugs and put about a tablespoon of engine oil into each cylinder. Manually turn the engine shaft to apply the oil and put the plugs back on.
- Lubricate all grease nipples, joints and axles.
- Keep the product in a clean and dry area and cover it for more protection.
- A cover for protection of your product during storage or transport is available at your dealer.

## Disposal

- Chemicals can be dangerous and must not be discarded on the ground. Always discard used chemicals at a service center or an applicable disposal location.
- When the product is worn out, send it to the dealer or to an applicable recycling location.
- Oil, oil filters, fuel and the battery can have negative effects on the environment. Obey the local recycling requirements and applicable regulations.
- Do not discard the battery as domestic waste.
- Send the battery to a Husqvarna service agent or discard it at a disposal location for used batteries.

## Technical data

### Technical data

	R112C	R112C5	R115C
<b>Dimensions</b>			
Length without cutting deck, mm	1781	1781	1813
Width without cutting deck, mm	793	797	829
Length including cutting deck, mm	2124	2124	2288
Width including cutting deck, mm	886	886	988
Height, mm	1076	1076	1099
Weight without cutting deck, with empty tanks, kg	154	154	180
Wheel base, mm	800	800	845
Tire dimensions	160/50-8	160/50-8	165/60-8
Tire pressure, rear – front, kPa / bar / PSI	60 / 0.6 / 8.5	60 / 0.6 / 8.5	60 / 0.6 / 8.5
Max. gradient, degrees °	10	10	10
<b>Engine</b>			
Brand	Husqvarna	Husqvarna	Briggs & Stratton
Model	HS 413AE	HS 413AE	4145
Nominal engine output, kW <sup>1</sup>	8.4	8.4	9.5
Displacement, cm <sup>3</sup>	413	413	500
Max. engine speed, rpm	3000 ± 100	3000 ± 100	3000 ± 100
Max. speed forward, km/h	8	8	9
Max. speed reverse, km/h	7	7	7
Fuel, min. octane grade	91	91	91
Fuel tank volume, liters	4	4	7
Oil	API class SF, SG, SH or SJ SAE40, SAE30, SAE10W-30, SAE10W-40 or SAE5W-20	API class SF, SG, SH or SJ SAE40, SAE30, SAE10W-30, SAE10W-40 or SAE5W-20	API class SF, SG, SH or SJ. SAE40, SAE30, SAE10W-30, SAE10W-40 or SAE5W-20
Oil tank volume, liters	1.2	1.2	1.4
Start motor	Electric start 12V	Electric start 12V	Electric start 12V
<b>Transmission</b>			

<sup>1</sup> 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.

	<b>R112C</b>	<b>R112C5</b>	<b>R115C</b>
Brand/Model	HydroGear T2	Peerless/MST205	HydroGear T2
Oil, class SF-CC	SAE 10W/40	SAE 80W/90	SAE 10W/40
Oil volume, liters	2	0.5	2
Number of forward drive gears	–	5	–
Number of reverse gears	–	1	–
Max. forward speed, km/h	8	8	9
Max. reverse speed, km/h	8	3	7
<b>Electrical system</b>			
Type	12V, negative earthed	12V, negative earthed	12V, negative earthed
Battery	12V, 20Ah	12V, 20Ah	12V, 20Ah
Spark plug	Husqvarna HQT-9	Champion XC92YC	Champion XC92YC
Electrode gap, mm/inch	0.75/0.030	0.75/0.030	0.75/0.030
Main fuse	Flat pin, 15A	Flat pin, 15A	Flat pin, 15A
<b>Noise emissions</b> <sup>2</sup>			
Sound power level, measured dB(A)	98	99	99
Sound power level, guaranteed dB(A)	99	100	99
<b>Sound levels</b> <sup>3</sup>			
Sound pressure level at the operators ear, dB(A)	84	85	85
<b>Vibration levels</b> <sup>4</sup>			
Vibration level on the steering wheel, m/s <sup>2</sup>	1.06	1.6	1.6
Vibration level in the seat, m/s <sup>2</sup>	0.45	0.7	0.7
<b>Cutting deck</b>			
Type	Combi	Combi	Combi
Cutting width, mm	850	850	950
Cutting height, 5 positions, mm	25–70	25–70	25–75
Blade length, mm	430	430	471
<b>Blade</b>			
Article number	5810835-01	5810835-01	5803974-01

<sup>2</sup> Noise emissions in the environment measured as sound power ( $L_{WA}$ ) in conformity with EC directive 2000/14/EC.

<sup>3</sup> Noise pressure level according to EN ISO 5395. Reported data for noise pressure level has a typical statistical dispersion (standard deviation) of 1.2 dB(A).

<sup>4</sup> Vibration level according to EN ISO 5395. Reported data for vibration level has a typical statistical dispersion (standard deviation) of 0.2 m/s<sup>2</sup> (steering wheel) and 0.8 m/s<sup>2</sup> (seat).





**WARNING:** To use a cutting deck that is not approved for the product can cause objects to eject at high speed and cause

serious injury. Do not use other cutting deck types than specified in this owner's manual.

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## Service

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### Service

Do a yearly check at an authorized service center to make sure that the product functions safely and at its best during high season. The best time to do a servicing or overhaul of the product is low season.

When you send an order for the spare parts, give information about the purchase year, model, type, and serial number.

Always use original spare parts.

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# Declaration of Conformity

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## EU Declaration of Conformity

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

<b>Description</b>	Ride-on Lawn Mower
<b>Brand</b>	Husqvarna
<b>Type / Model</b>	R 112C, R 112C5, R 115C
<b>Identification</b>	Serial numbers dating from 2022 and onwards

complies fully with the following EU directives and regulations:

<b>Directive/Regulation</b>	<b>Description</b>
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 12100:2010, EN ISO 5395-1:2013/A1:2018, EN ISO 5395-3: 2013/A1:2017/A2:2018, 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 31*.

Huskvarna, 2022-10-31



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:

<b>Description</b>	Ride-on Lawn Mower
<b>Brand</b>	Husqvarna
<b>Type / Model</b>	R 112C
<b>Identification</b>	Serial numbers dating from 2022 and onwards

complies fully with the following UK regulations:

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

and that the following standards and/or technical specifications are applied: EN ISO 12100:2010, EN ISO 5395-1:2013/A1:2018, EN ISO 5395-3: 2013/A1:2017/A2:2018, 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 31*.

Huskvarna, 2022-10-31



Claes Losdal, Development Manager/Garden Products, Husqvarna AB

Responsible for technical documentation



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