

ENG

Translated from the original
operating instructions



LAWN MOWER RASION 2 EASY

Operating instructions

59_141654-E
05/2024

READ THE USER OPERATING GUIDE CAREFULLY BEFORE USE

TABLE OF CONTENTS

1. INTRODUCTION	5
2. SAFETY	6
2.1. GENERAL SAFETY INSTRUCTIONS FOR THE TOOL	6
2.1.1. WORK AREA SAFETY	6
2.1.2. ELECTRICAL SAFETY	6
2.1.3. PERSONAL SAFETY	7
2.1.4. POWER TOOL USE AND CARE	7
2.1.5. BATTERY TOOL USE AND CARE	7
2.1.6. MAINTENANCE AND SERVICE	8
2.1.7. TOOL'S END OF LIFE MANAGEMENT	8
2.2. LAWNMOWER SAFETY WARNINGS	8
2.3. SAFETY MEASURES ASSOCIATED WITH CHARGER AND BATTERY USE	9
2.4. PERSONAL PROTECTION EQUIPMENT	9
2.5. SAFETY SIGNS	9
3. DESCRIPTION AND TECHNICAL CHARACTERISTICS	11
3.1. TECHNICAL FEATURES	12
3.2. NOISE LEVELS	13
4. START-UP	13
4.1. UNFOLDING THE MOWER TO WORKING POSITION	13
4.2. FITTING THE COLLECTING BIN	15
4.3. INSTALLATION OF A BATTERY TRAY	15
4.4. 750 / 1200 / 1500 BATTERY: INSTALLATION AND CONNECTION	16
4.5. ALPHA 520 BATTERY: INSTALLATION AND CONNECTION	17
5. USE	18
5.1. TURN THE BATTERY ON / OFF	18
5.2. SETTINGS	19
5.2.1. ADJUSTING THE TRAVEL SPEED	19
5.2.2. ADJUST THE ROTATION OF THE CUTTING BLADES	19
5.2.3. ADJUST THE CUTTING HEIGHT	21
5.3. CONTROLS	21
5.3.1. DRIVING FORWARD.	21
5.3.2. DRIVING IN REVERSE	22
5.3.3. STEERING ON SLOPES	22
5.3.4. USE THE BOOST FUNCTION	22
5.3.5. ACTIVATE THE ROTATION OF THE CUTTING BLADES	23
5.3.6. STOP THE ROTATION OF THE CUTTING BLADES	23
5.3.7. USING THE BOOST FUNCTION	24
5.3.8. LOCK / UNLOCK THE FRONT WHEELS DIRECTION	24
5.3.9. PARKING BRAKE/TRANSPORT	25
5.4. IMMOBILISER SYSTEM	25

5.4.1. SAFETY KEY	25
5.4.2. INCLINOMETER	26
5.5. OPERATING TIPS	27
5.5.1. MOWING METHOD	27
5.5.2. CUTTING HEIGHT	28
5.5.3. SLOPES	28
5.5.4. DAMP GROUND	28
5.5.5. MOWING WITH COLLECTION	29
5.5.6. MOWING WITHOUT GRASS COLLECTION	29
5.5.7. MOWING WASTE	30
6. MAINTENANCE	31
6.1. MAINTENANCE FREQUENCY	31
6.2. USEFUL ADVICE FOR RISK FREE MAINTENANCE	31
6.2.1. CUTTING BLADES	32
6.2.2. CLEANING THE CASING DECK	33
6.2.3. CLEANING THE WHEELS	34
6.2.4. COLLECTING BOX	34
6.2.5. CLEANING THE OPTICAL SENSOR	34
6.3. REPLACEMENT OF WORN PARTS	35
6.3.1. REPLACING A FRONT WHEEL	35
6.3.2. REPLACING A REAR WHEEL	35
7. INCIDENTS AND TROUBLESHOOTING	36
8. STORAGE AND TRANSPORT	39
8.1. FOLD THE MOWER INTO THE TRANSPORT POSITION	39
8.2. STORAGE	40
8.3. OFF-SEASON STORAGE	41
9. ACCESSORIES AND CONSUMABLES	41
10. GENERAL WARRANTIES	42
10.1. STATUTORY WARRANTY	42
10.1.1. LATENT DEFECTS WARRANTY	42
10.1.2. LEGAL GUARANTEE OF CONFORMITY	42
10.2. PELLENC COMMERCIAL WARRANTY	43
10.2.1. CONTENTS	43
10.2.2. DURATION OF WARRANTY	43
10.2.3. IMPLEMENTATION OF THE COMMERCIAL WARRANTY	44
10.3. PAID AFTER-SALES SERVICE	44
10.3.1. GENERAL INFORMATION	44
10.3.2. WEAR PARTS AND CONSUMABLES	44
10.3.3. SPARE PARTS	44
11. STATEMENT OF COMPLIANCE	45
11.1.  STATEMENT OF COMPLIANCE: RASION 2	45
11.2. UK DECLARATION OF CONFORMITY  : RASION 2	46

1. INTRODUCTION

Dear Customer,

Thank you for purchasing your Lawn mower Rasion 2 Easy. Properly used and maintained, this equipment will give you years of satisfaction.



Warning

In accordance with product liability laws, we are not responsible for damage caused by our product if the product includes an accessory that is not from the manufacturer or is not approved by the manufacturer. The use of any other accessory may increase the risk of injury.



Warning

Your device contains numerous recoverable or recyclable materials. Return it to your dealer or, failing this, to an approved servicing centre to be treated.



Comply with the regulations in force in your country as concerns environmental protection associated with your activity.



Warning

It is imperative that you read through the ENTIRE user's manual guide before using or servicing the tool. Always comply with the instructions and illustrations in the manual.


Throughout the user's manual guide you will find advisory notes and information entitled: NOTE, IMPORTANT, ATTENTION and WARNING.

Points marked "NOTE" indicate additional information.

Points marked "IMPORTANT" warn the user of a potential risk for the equipment.

Points marked "CAUTION" warn the user of a potentially hazardous situation which if not avoided may result in minor injuries.

Points marked "WARNING" warn the user of a potentially hazardous situation which if not avoided may result in serious injury or death.

The warning  indicates that damage resulting from failure to comply with the procedures and instructions is not covered by the warranty and the owner will be liable for any repair costs.

Safety signs on the tool also indicate the safety precautions to be observed. Locate these signs and read them before using your machine. Any partially illegible or damaged sign should be replaced immediately.

Refer to 2.5. Safety signs, page 9 for the location diagram of the safety stickers affixed to the tool.

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2. SAFETY

This device is not intended for use by individuals (including children) with reduced physical, sensory or mental capabilities, nor by anyone lacking in experience or knowledge, except if they are supervised or have received prior instructions from a person responsible for their safety.

- Your Lawn mower Rasion 2 Easy is a professional tool whose use is reserved exclusively for cleaning of green spaces (grass, dense grasses, woody weeds and brambles).
- The PELLENC SAS company accepts no responsibility for any damage caused by improper or unspecified use different from its original intention.
- The PELLENC SAS company accepts no responsibility for any damage caused by the use of non-original parts or accessories.

2.1. GENERAL SAFETY INSTRUCTIONS FOR THE TOOL



Warning

Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Note

Retain all the safety measures and instructions for later reading.

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

2.1.1. WORK AREA SAFETY

1. **Keep the work area clean and well lit.** Cluttered or dark areas invite accidents.
2. **Do not operate power tools in an explosive atmosphere, for example in the presence of flammable liquids, gases, or dust.** Power tools create sparks, which may ignite the dust or fumes.
3. **Keep children and bystanders away while operating the power tool.** Distractions can cause you to lose control of the tool.

2.1.2. ELECTRICAL SAFETY

1. **The plugs of the electric tool must be adapted to the base. Never modify the plug in any way. Do not use adapter plugs with earthed (grounded) power tools.** Unmodified plugs and suitable sockets reduce the risk of electric shock.
2. **Avoid contact with earthed surfaces such as pipes, radiators, cookers, and refrigerators.** There is an increased risk of electric shock if your body is in direct contact with the ground.
3. **Do not expose power tools to rain or damp conditions.** Water entering a power tool will increase the risk of electric shock.
4. **Do not tamper with or damage the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges, and moving parts.** Damaged or entangled cords increase the risk of electric shock.
5. **Use an extension cord suitable for outdoor use when operating power tools outdoors.** Use a cord suitable for outdoors to reduce the risk of electric shock.
6. **If operating a power tool in a damp location is unavoidable, use a power supply protected by a residual current device (RCD).** Use of a RCD reduces the risk of electric shock.

2.1.3. PERSONAL SAFETY

1. **Stay alert, watch what you are doing, and use common sense when operating the power tool. Do not use a power tool when you are tired or under the influence of drugs, alcohol, or medication.** A moment of inattention when using a power tool can result in serious personal injury.
2. **Use personal protective equipment (PPE). Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
3. **Prevent unintentional starting. Make sure the switch is in the off position before you connect the tool to the power source and/or battery pack, pick it up, or carry it.** Carrying power tools with your finger on the switch or plugging in power tools with the switch in the on position can cause accidents.
4. **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
5. **Do not rush, take your time. Keep proper footing and balance at all times.** This provides better control of the power tool in unexpected situations.
6. **Wear appropriate clothing. Do not wear loose clothing or jewelry. Keep your hair and clothing away from moving parts.** Loose clothes, jewellery or long hair can get caught in moving parts.
7. **If devices are provided for the connection of dust extraction and collection facilities, ensure that these are connected and properly used.** Use dust collectors to reduce the risk caused by dust.
8. **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.

2.1.4. POWER TOOL USE AND CARE

1. **Do not force the power tool. Use the right power tool for the job.** The adapted power tool does the work better and more safely at the speed it was built to operate at.
2. **Do not use the power tool if the switch does not turn it on and off.** Power tools that cannot be controlled by a switch are dangerous and must be repaired.
3. **Unplug the tool from the socket or remove the battery (if possible) before any adjustment, change of accessory or storage.** These preventive safety measures reduce the risk of accidentally starting the power tool.
4. **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous when operated by inexperienced users.
5. **Complying with the maintenance of the power tool and its accessories is mandatory. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** Many accidents are due to poorly maintained power tools.
6. **Keep the cutting elements sharp and clean.** Properly maintained cutting tools with sharp cutting elements are less likely to jam and are easier to control.
7. **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.
8. **Keep handles and grasping surfaces dry, clean and free from oil and grease.** Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

2.1.5. BATTERY TOOL USE AND CARE

1. **Only recharge using the charger specified by the manufacturer.** A charger that is suitable for a specific battery pack may create a fire hazard when used with another type of battery pack.
2. **Use power tools only with specifically designated battery packs.** Use of any other battery pack may create a risk of injury and fire.
3. **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** A short-circuit between the battery terminals may cause burns or fire.
4. **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, wash away with water. If liquid contacts eyes, additionally seek medical help.** Liquid ejected from the battery may cause irritation or burns.

5. **Do not use a battery pack or tool that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
6. **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperatures above 130°C (265°F) may cause an explosion.
7. **Follow all charging instructions and do not charge the battery pack or battery-powered tool outside the temperature range specified in the instructions.** Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

2.1.6. MAINTENANCE AND SERVICE

1. **Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.** This will ensure that the safety of the power tool is maintained.
2. **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorized service providers.

2.1.7. TOOL'S END OF LIFE MANAGEMENT

1. **When the tool reaches the end of its life, PELLENC keeps the end of life sheet of the equipment at disposal.** The end-of-life sheet provides instructions for safely removing components.

2.2. LAWNMOWER SAFETY WARNINGS


1. **Do not use the grass shear in bad weather conditions, especially when there is a risk of lightning.** This decreases the risk of being struck by lightning.
2. **Thoroughly inspect the area for wildlife where the lawnmower is to be used.** Wildlife may be injured by the lawnmower during operation.
3. **Thoroughly inspect the area where the lawnmower is to be used and remove all stones, sticks, wires, bones, and other foreign objects.** Thrown objects can cause personal injury.
4. **Before using the lawnmower, always visually inspect to see that the blade and the blade assembly are not worn or damaged.** or damaged parts increase the risk of injury.
5. **Check the grass catcher frequently for wear or deterioration.** A worn or damaged grass catcher may increase the risk of personal injury.
6. **Keep guards in place. Guards must be in working order and be properly mounted.** A guard that is loose, damaged, or is not functioning correctly may result in personal injury.
7. **Keep all cooling air inlets clear of debris.** Blocked air inlets and debris may result in overheating or risk of fire.
8. **While operating the lawnmower, always wear non-slip and protective footwear.** Do not operate the lawnmower when barefoot or wearing open sandals. This reduces the chance of injury to the feet from contact with the moving blade.
9. **While operating the lawnmower, always wear long trousers.** Exposed skin increases the likelihood of injury from thrown objects.
10. **Do not operate the lawnmower in wet grass. Walk, never run.** This reduces the risk of slipping and falling which may result in personal injury.
11. **Do not operate the lawnmower on excessively steep slopes.** This reduces the risk of loss of control, slipping and falling which may result in personal injury.
12. **When working on slopes, always be sure of your footing, always work across the face of slopes, never up or down and exercise extreme caution when changing direction.** This reduces the risk of loss of control, slipping and falling which may result in personal injury.
13. **Use extreme caution when reversing or pulling the lawnmower towards you. Always be aware of your surroundings.** This reduces the risk of tripping during operation.
14. **Do not touch blades and other hazardous moving parts while they are still in motion.** This reduces the risk of injury from moving parts.
15. **When clearing jammed material or cleaning the lawnmower, make sure all power switches are off and the power cord is disconnected.** Unexpected operation of the lawnmower may result in serious personal injury.

2.3. SAFETY MEASURES ASSOCIATED WITH CHARGER AND BATTERY USE

Important

Please refer to the tool battery instructionsPELENC.

2.4. PERSONAL PROTECTION EQUIPMENT

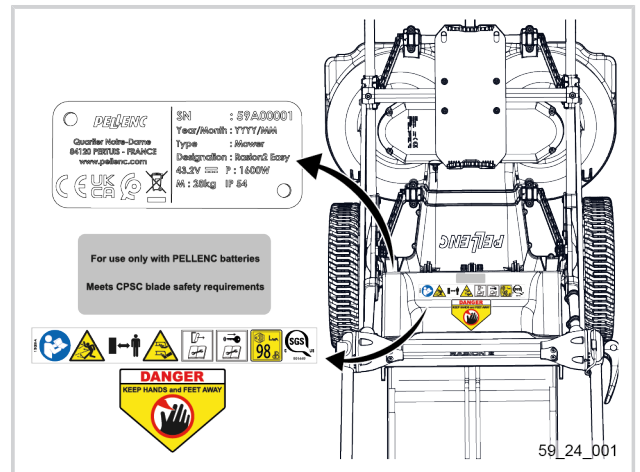
	Equipment	Wear
	1 Safety helmet	--
	2 Protective visor	--
	3 Hard-wearing gloves	Recommended
	4 Safety footwear	Mandatory
	5 Ear protection	Recommended
	6 Protective goggles	Mandatory
	7 Safety jacket or over-sleeves	Recommended
	8 Work trousers	Recommended

2.5. SAFETY SIGNS

Use the lawn mower with caution.

Safety instruction stickers placed on the machine's ejection flap indicate the main precautions to be taken to avoid injury.

Other pictograms can also be found on the machine identification plate.



Please read the operating instructions.

Read the instructions carefully and follow the safety precautions.



Warning - Risk of flying debris.

Ensure the people in the vicinity are not at risk from matter ejected from the machine.



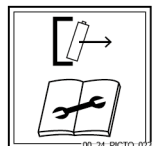
Keep people at a safe distance.

Keep a safe distance of at least 15 meters between the machine and people in the vicinity.



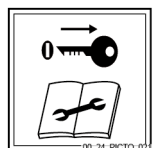
Keep your hands and feet away from the blades.

Keep your feet and hands away from the blade and the cutting area.



Disconnect the battery before maintenance.

Remove or disconnect the battery before servicing the tool.



Remove the safety locking device before maintenance.

Remove the safety locking device before performing maintenance work and before leaving the tool unattended, regardless of the duration.



LwA sound power level guaranteed.

Sound power level 98 dB



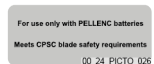
SGS North America, a nationally recognised testing laboratory (NRTL).

The product is certified to comply with all government regulations and safety programs.



Keep your hands and feet away from the blades.

Keep your feet and hands away from the blade and the cutting area.



Only use original PELLENC batteries with this tool.

This tool meets the safety requirements for CPSC blades.



Tool compliant with British standards



Tool compliant with EC standards.



Tool compliant with Moroccan standards.

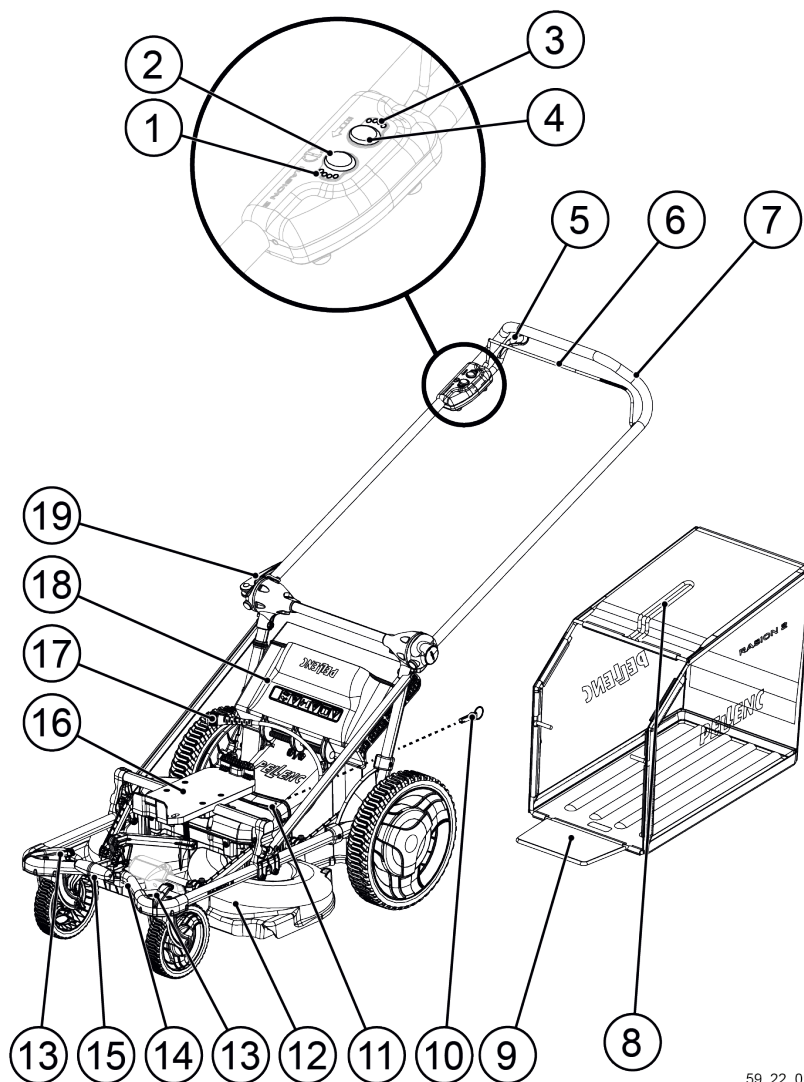


Waste electrical and electronic equipment.

At the end of its life, the tool and the battery must be returned to the authorized distributor from whom they were purchased to be recycled in accordance with waste regulations.

3. DESCRIPTION AND TECHNICAL CHARACTERISTICS

1. Blade speed indicator LEDs
2. Blade speed selector knob
3. Forward speed indicator LEDs
4. Speed selector knob
5. Drive trigger
6. Blade On/Off safety shut-off bar
7. Handlebar
8. Collection bin handle
9. Collecting box
10. Safety key
11. Security key socket
12. Cutter deck housing
13. Front wheels locking pins
14. Density sensor (ICC) (option)
15. Cutting height adjustment handle
16. 750 / 1200 / 1500 battery support
17. Mower power cable
18. Ejection flap
19. Handlebar adjustment lever



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3.1. TECHNICAL FEATURES

Model	Rasion 2 Easy
Dimensions when folded (l x w x h)	887 x 620 x 613 mm
Dimensions when unfolded (l x w x h)	1650 x 620 x 884 mm
Empty weight (with ULIB 1500 battery and without grass catcher bag)	35.5 kg
Cutting width	60 cm
Cutting height	25/35/45/55/65/75 mm
Collecting bin capacity	70 L
Weight of the empty collecting bin	2,5 kg
Cutter deck housing	Cast aluminium
Maximum power	1600 Watts
Forward speed	2/3/4 or 5 km/h
Speed in reverse drive	2 km/h
Safety equipment	Removable security key
Watertight	IPX1
Battery life	According to use and battery type

Determination of the sound pressure levels and vibration emission rates is based on the operating conditions at the nominal maximum speed.

Vibration and noise emissions during actual use of the machine may differ from the declared values depending on the way the machine is used, in particular the speed of the blade. Identify safety measures to protect the operator that are based on an estimate of exposure under actual conditions of use (taking into account all parts of the operating cycle such as times when the machine is switched off and idling in addition to the switch-off time).

Maximum sound pressure level at the user's position	LpA = 85 dB(A)	K = 3 dB(A)
Sound power level measured in accordance with the Noise Directive (2000/14/EC & 2005/88/EC)	LWA = 95 dB(A)	K = 1.0 dB(A)
Guaranteed sound power level	LWA = 98 dB(A)	

















The recording of the measured sound power level and of the guaranteed sound power level has been performed according to a procedure in accordance with directive 2000/14/EC.

Vibration emission value according to EN IEC 62841-4-3:2021+A11:2021 .	ahW < 2.5 m/s² and K = 1.5 m/s²
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3.2. NOISE LEVELS

The noise generated by the mower and the battery life both depend directly on the turning speed of the cutting blades:

The faster the blades are turning, the greater the noise and the lower the battery life. When the AUTO mode is enabled, the noise generated will increase as the rotational speed of the blades increases.

			
3000 tr/min		87db	
3666 tr/min		89db	
4333 tr/min		91db	
5000 tr/min		93db	
			

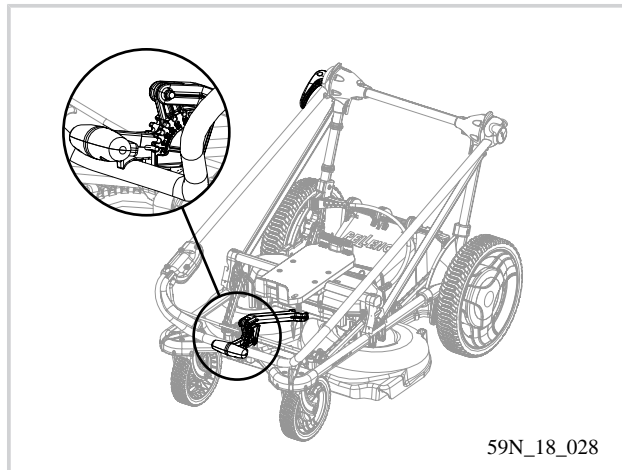
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4. START-UP

In the packing box, the mower is in the transport position.

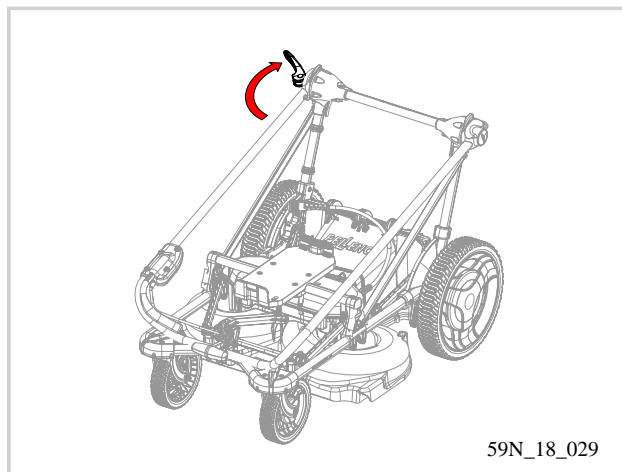
The handlebar (7) is folded forward and held in place both by the cutting height adjustment handle (15) and the handlebar adjustment lever (19).

- Before mowing, unfold the mower to the working position see 4.1. Unfolding the mower to working position, page 13.

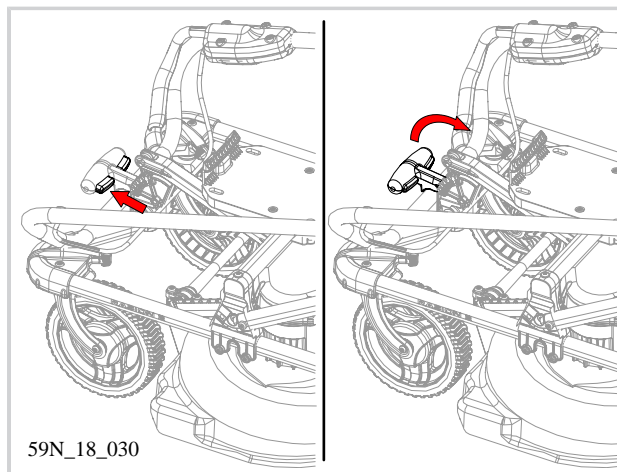


4.1. UNFOLDING THE MOWER TO WORKING POSITION

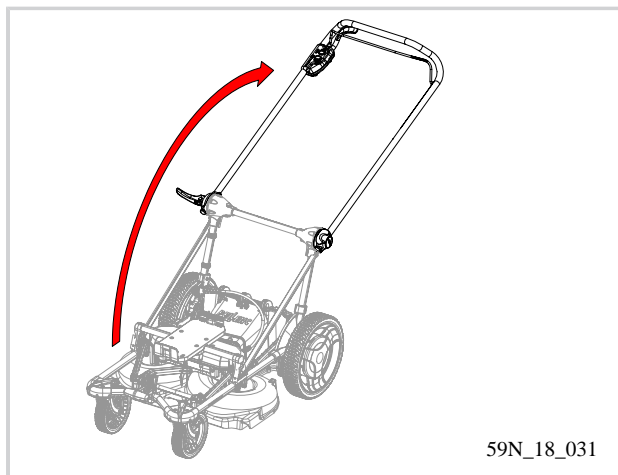
1. Unlock the adjusting lever (19) by pulling it back towards the rear.



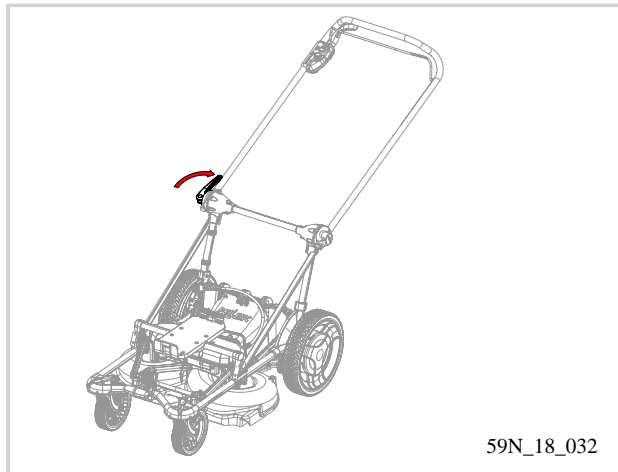
2. With one hand, hold the cutting height adjustment handle (15) whilst simultaneously pressing on the two buttons to release its position.
3. Hold the buttons down and pull the handle backwards.
4. With your other hand, release the handlebar (7) and reposition the handle in the notch in which it was engaged.
5. Release the buttons and ensure that the handle is correctly locked.



6. Fully unfold the handlebar (7) backwards.



7. Tilt the handlebar adjustment lever (19) to the back to lock the handlebar.
8. Turn the handle back on itself if necessary, to adjust the tightness of the handlebar.



Note

To be able to easily manoeuvre your lawn mower, chose a comfortable and agreeable working position to suit your morphology.

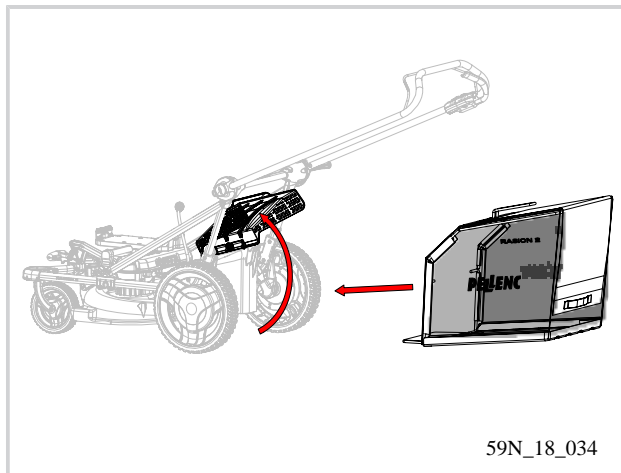
4.2. FITTING THE COLLECTING BIN



Caution

Before mowing, check that the collecting bin is correctly attached to the mower.

- Lift the ejection flap (18) and slide the collecting bin (9) into the notches located at the rear of the mower.



Note

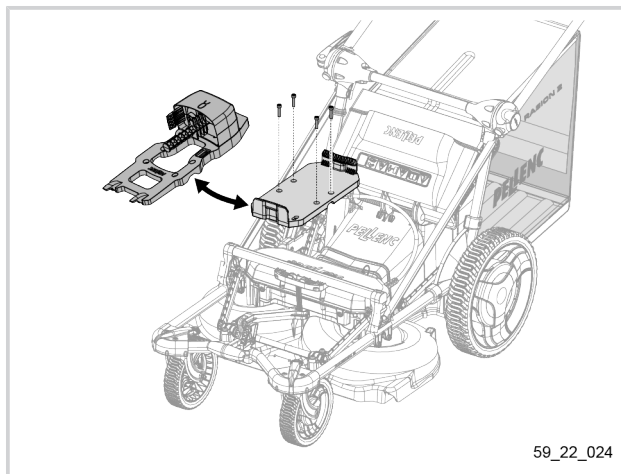
The mower works like a vacuum cleaner, throwing the cut grass into the grass collecting bin. For optimum performance, always empty the grass collection bin before it is full.

Overloading the grass collection bin will cause it to deteriorate. Before fitting the grass collection bin on the mower, make sure it is not overloaded, punctured, torn, damaged or clogged.

4.3. INSTALLATION OF A BATTERY TRAY

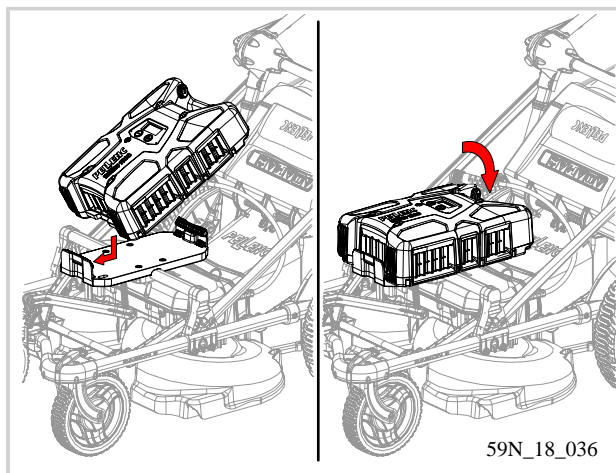
The mower is equipped with the 750 / 1200 / 1500 battery tray as standard. The use of an Alpha 520 battery type requires the removal of the standard installed battery tray and its replacement by a suitable battery tray in option, see 9. Accessories and consumables, page 41.

1. Remove the 4 fixing screws of the pre-fitted battery tray.
2. Fit the battery support on the chassis tube referring to its fitting instructions (reference 159656).

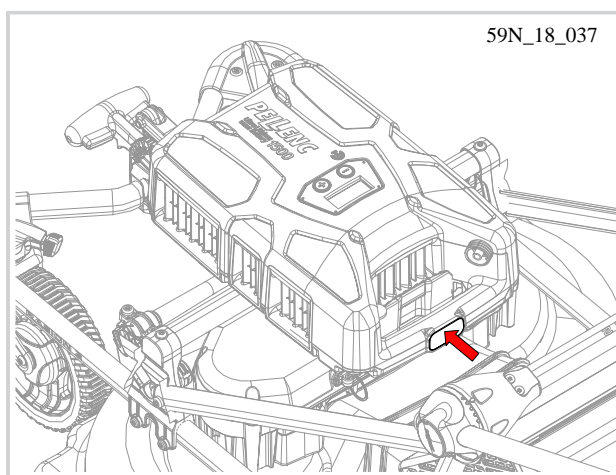


4.4. 750 / 1200 / 1500 BATTERY: INSTALLATION AND CONNECTION

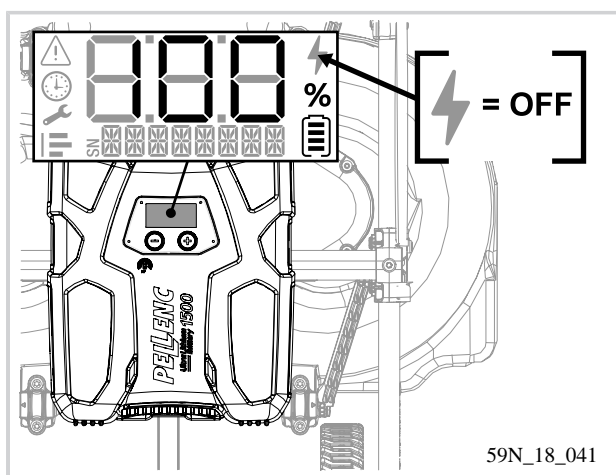
1. Check battery life before use. If necessary, recharge the battery using the charger supplied with the battery (see the battery's operating instructions).
2. Slide the battery from the rear into the upper hook of the battery tray (16).
3. Clip the front of the battery into the lower hook of the battery tray (16).
4. Check that the battery is completely locked on the bracket.



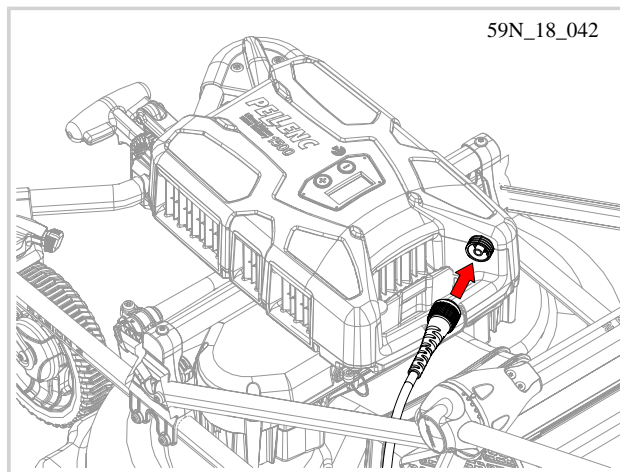
5. To remove the battery from the battery tray (16), lift it while pressing on the release button.



6. Before electrically connecting the battery to the mower, check that the battery power indicator is off.
7. The power indicator (represented by a flash) should not be visible on the battery display.



8. Connect the power cable (17) of the mower to the battery connector of the battery.
9. Screw tight and check that the cable is properly connected.

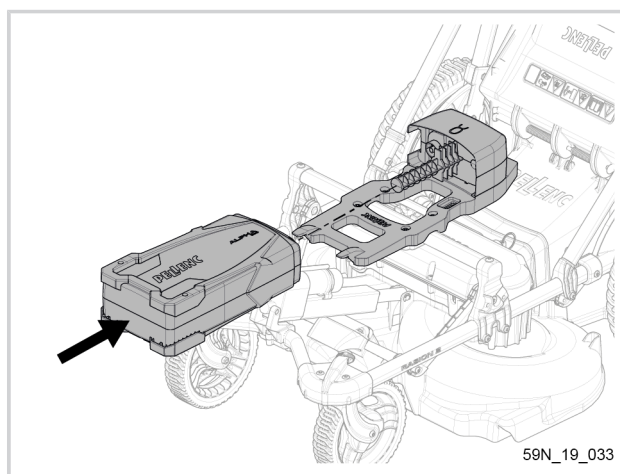


Important

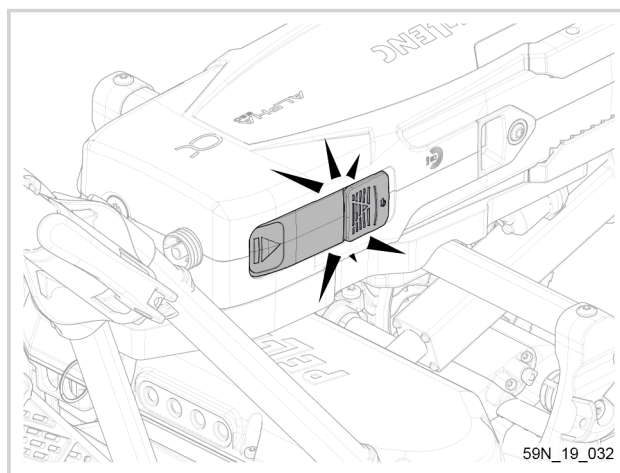
To prolong the life of the connector, it is advisable to protect it when unplugged. Therefore, avoid leaving the connector in contact with abrasive or dirty surfaces, or subjecting it to major impacts (falls).

4.5. ALPHA 520 BATTERY: INSTALLATION AND CONNECTION

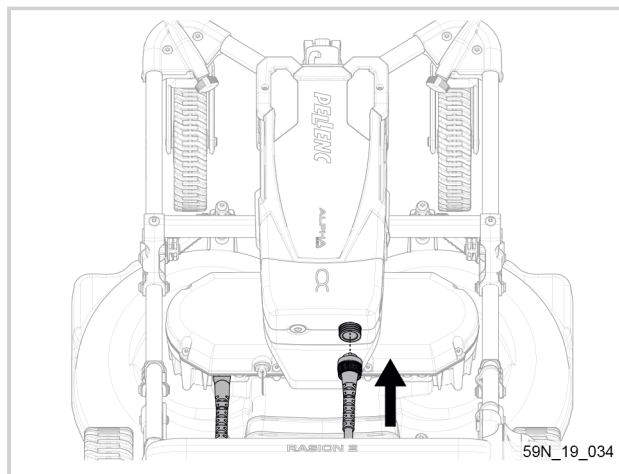
1. Install the appropriate battery tray, see 4.3. Installation of a battery tray, page 15.
2. Check battery life before use. If necessary, recharge the battery using the charger supplied with the battery.
3. Slide the battery onto the guide of the battery tray.



4. Move the battery along the guide until the locking clip holds the battery in place.
5. Check that the battery is completely locked onto the tray with the battery safety lock.



6. Then connect the end of the mower cord to the battery, taking care to align the alignment markers together.
7. Screw tight and check that the cable is properly connected.



59N_19_034

Important

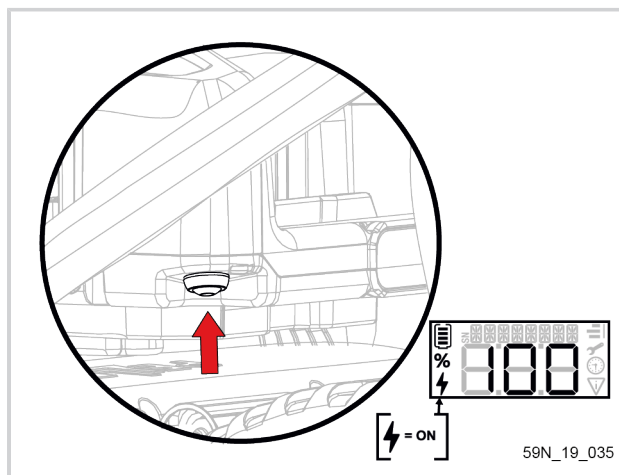
To prolong the life of the connector, it is advisable to protect it when unplugged. Therefore, avoid leaving the connector in contact with abrasive or dirty surfaces, or subjecting it to major impacts (falls).

5. USE

5.1. TURN THE BATTERY ON / OFF

750 / 1200 / 1500 battery:

- Turn the battery on by pressing on the upper or lower pushbutton (battery power supply icon present).



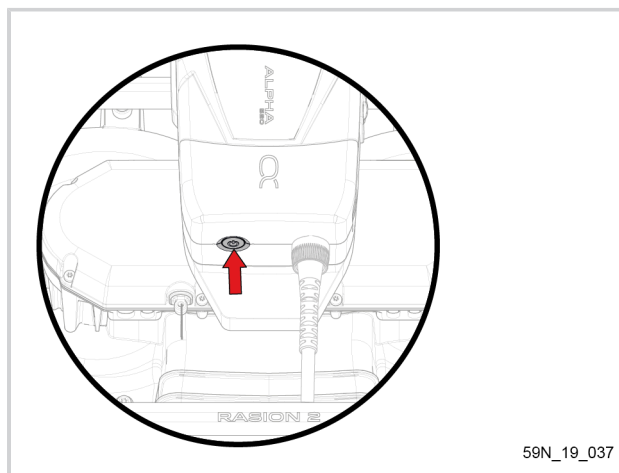
59N_19_035

Alpha 520 battery:

- Switch on the battery by pressing the Alpha 520 battery support tray push button.

Note

When the battery is switched on, the 8 LEDs in the control box light up one after the other. Wait for the LEDs to stop scrolling to continue.



59N_19_037

5.2. SETTINGS

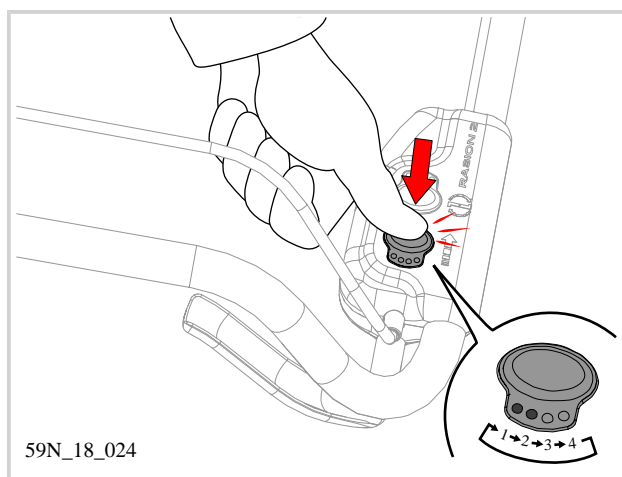
5.2.1. ADJUSTING THE TRAVEL SPEED

This is a self-propelled mower. By activating the forward trigger (5), the motors drive the rear wheels and the mower moves forward on its own, leaving you to guide it. The revolutionary self-propelling motor provides significant help for effortless mowing of garden slopes or embankments.

In forward movement, the mower travels at between 2 and 5 km/hr. The forward speed can be controlled by pressing the forward speed movement selector button (4) several times to move from speed 1 to speed 2, then 3 and 4. The speed can be changed at any time, before or after starting the mower's motor. The four LEDs below the button show the selected forward speed.

In reverse, the mower can only move at speed 1 (2 km/hr).

- Press the button (4) several times, to switch from speed 1 to speed 2, then 3, 4 and again back to 1:
 - 1 LED on = speed 1 (2 km/h),
 - 2 LEDs on = speed 2 (3 km/h),
 - 3 LEDs on = speed 3 (4 km/h),
 - 4 LEDs on = speed 4 (5 km/h).



5.2.2. ADJUST THE ROTATION OF THE CUTTING BLADES

Depending on the density of grass to be cut, the blade speed may have to be increased in order to maintain a clean, sharp cut.

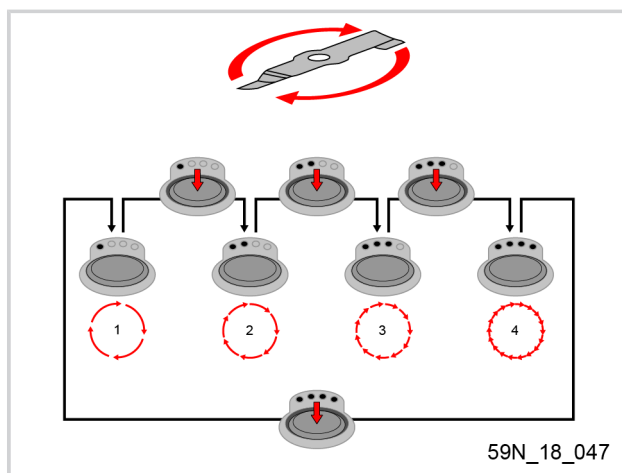
5.2.2.1. MANUAL ROTATION SPEED

The four indicators above the cutting blade rotational speed selector button (2) allow you to see the blade rotational speed: 1, 2, 3 or 4. The blade rotation speed can be modified at any time, before or after starting the lawn mower's motor.

- Press the button (2) to switch between blade rotational speeds 1, 2, 3, and 4:
 - 1 LED on = speed 1 (3,000 rpm),
 - 2 LEDs on = speed 2 (3,666 rpm),
 - 3 LEDs on = speed 3 (4,333 rpm),
 - 4 LEDs on = speed 4 (5,000 rpm).

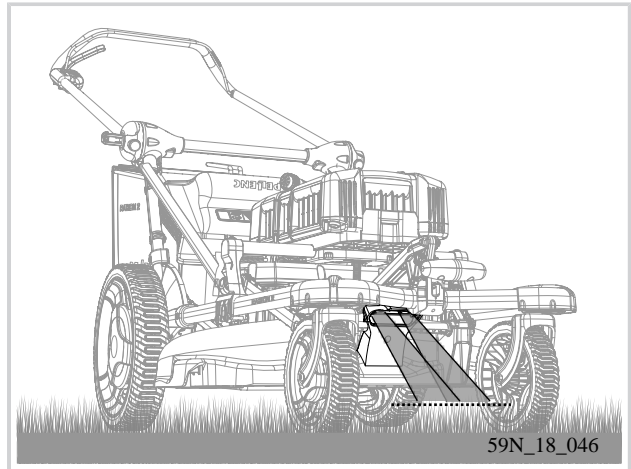
Note

When speed 4 is reached, pressing the button (2) again returns the blade rotational speed to speed 1.

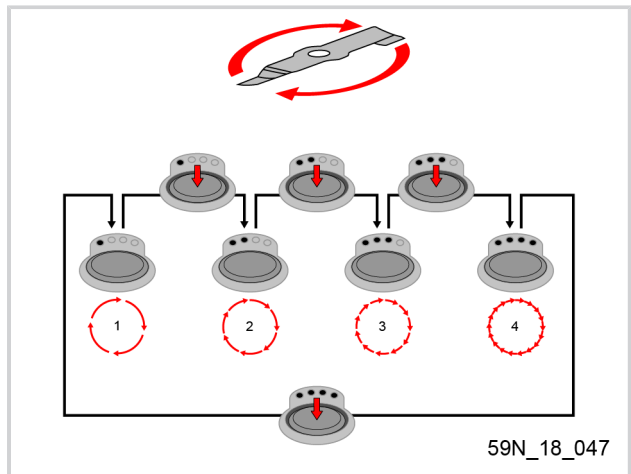


5.2.2.2. AUTOMATIC ROTATION SPEED (OPTIONAL)

The density sensor (14) located at the front of the mower regulates the blade rotational speed, which will vary automatically between 3000 and 5000 rpm depending on the density and height of the grass.



- Press the button (2) until the green LED is on to activate automatic rotational speed.
 - 1 LED on = self-regulated speed (3,000 to 5,000 rpm),
 - 2 LEDs on = speed 2 (3,000 rpm),
 - 3 LEDs on = speed 3 (4,000 rpm),
 - 4 LEDs on = speed 4 (5,000 rpm).

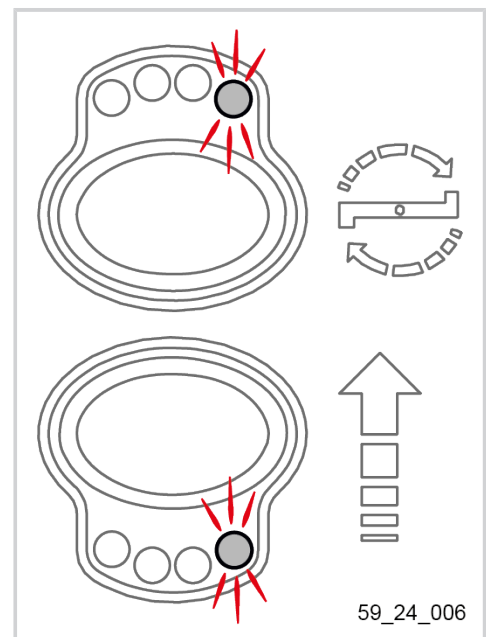


When the optical sensor is covered with dirt, it is not possible to analyse the density and the height of the grass to be cut. The mower stops the rotation of the cutting blades and a flashing error code is displayed on the control box.

- Clean the density sensor (14), see 6.2.5. Cleaning the optical sensor, page 34.

or

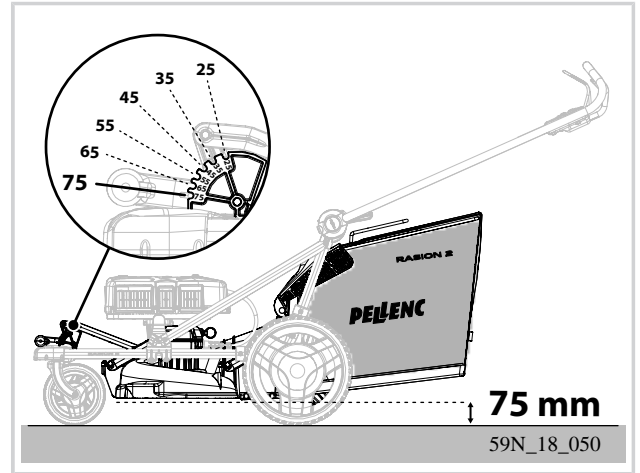
- Switch to manual mode to continue mowing, see 5.2.2.1. Manual rotation speed, page 19 and clean the density sensor (14) later.



5.2.3. ADJUST THE CUTTING HEIGHT

The cutting height can be adjusted using the cutting height adjustment handle (15) which allows you to select from 6 different cutting heights, from 75 mm at the highest to 25 mm at the lowest.

1. Hold the cutting height adjustment handle (15) firmly while simultaneously pressing on the 2 buttons to release it from its position.
2. Hold the buttons down and move the handle to one of the six available positions, ranging from 75 mm for the highest mowing height to 25 mm for the lowest.



Important

Never work with the mower when the cutting height adjustment handle (15) is in the "parking / transport brake" position.

In this position the cutter deck safety casing comes into contact with the rear wheels which are then blocked. The mower can therefore neither move forwards nor reverse and cannot be pushed.

Note

If in doubt about which cutting height to choose, always start mowing with the highest cutting height. Examine the result on a small area and, if necessary, adjust the cutting height again, being careful not to cut more than 1/3 of the height of the grass.

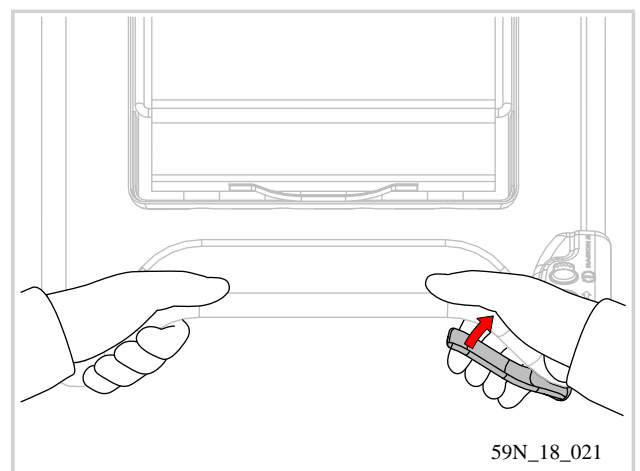
5.3. CONTROLS

5.3.1. DRIVING FORWARD.

- Press the forward speed trigger (5) and hold it to drive the mower forward.

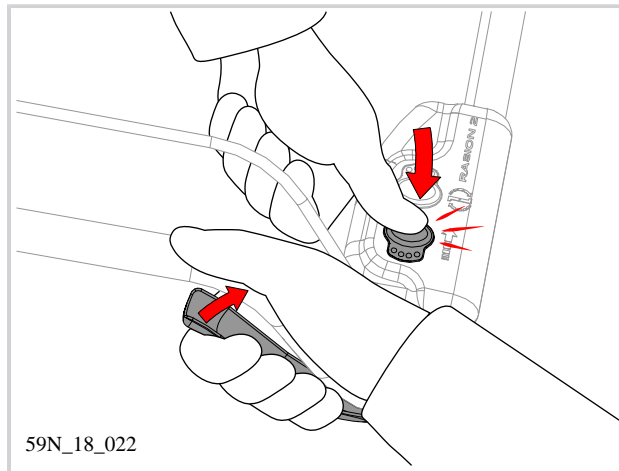
Note

The acceleration of the mower is proportional to the pressure exerted on the forward speed trigger (5). It varies between 2km/hr and the selected speed.



5.3.2. DRIVING IN REVERSE

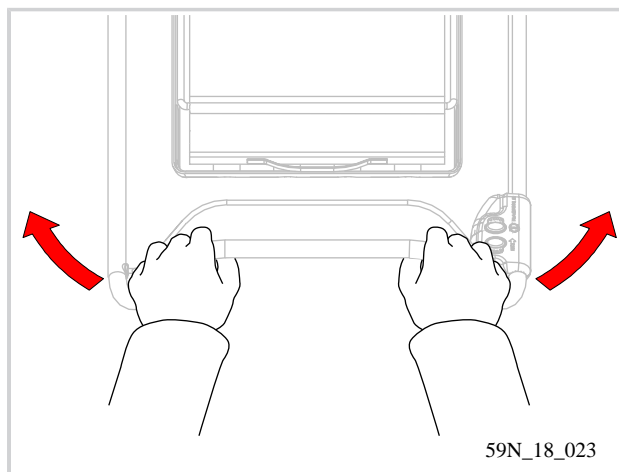
1. With one hand, press and hold down the forward speed selection knob (4).
2. With the other hand, press the forward speed trigger (5) and hold it down.
3. Release the forward speed selection knob (4). The mower reverses.



5.3.3. STEERING ON SLOPES

This is a manual action.

- Steer the mower to right or left to turn in the desired direction.



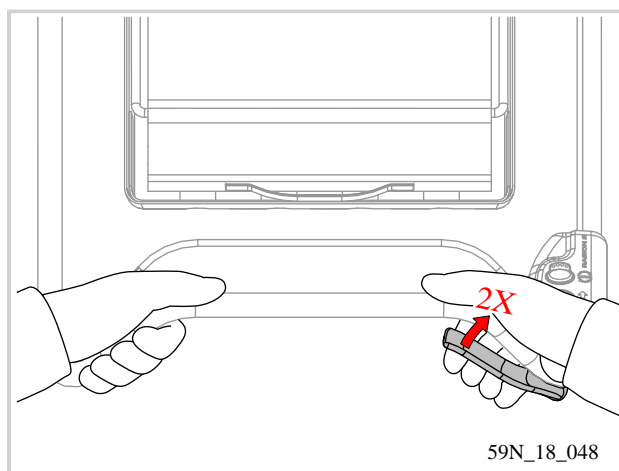
5.3.4. USE THE BOOST FUNCTION

The boost function lets the mower accelerate to its max speed of 5 km/hr.

- Only when the cutting blades and wheels are stationary, press the drive trigger (5) twice in a very short space of time and hold it down after the second press to activate the boost function.

Note

The mower then accelerates to its max speed of 5 km/hr for as long as pressure is maintained on the forward trigger. As soon as the forward drive trigger is released, the mower stops moving.



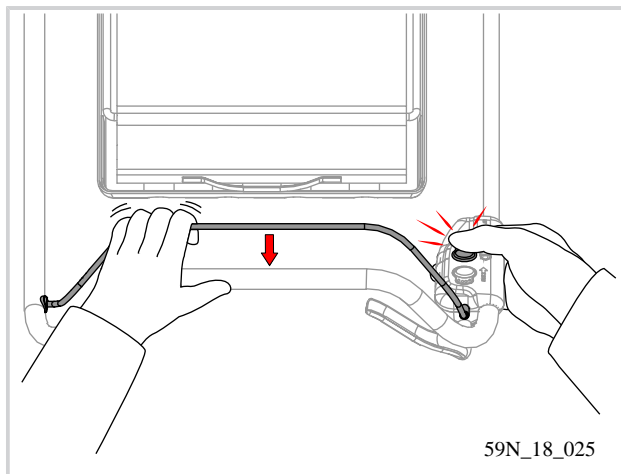
5.3.5. ACTIVATE THE ROTATION OF THE CUTTING BLADES



Caution

To avoid accidents, always keep all four wheels of the mower on the ground. Do not run when you are pushing the lawn mower. Be even more careful when mowing on bumpy and uneven ground and when the collecting bin is full.

1. With one hand, press and hold the cutting blade rotational speed selection button (2).
2. With the other hand, pull the blade rotation On / Off bar (6).
3. Release the cutting blade rotational speed selection button (2). The cutting blades start rotating.
4. The cutting blades continue to rotate as long as the bar is held.



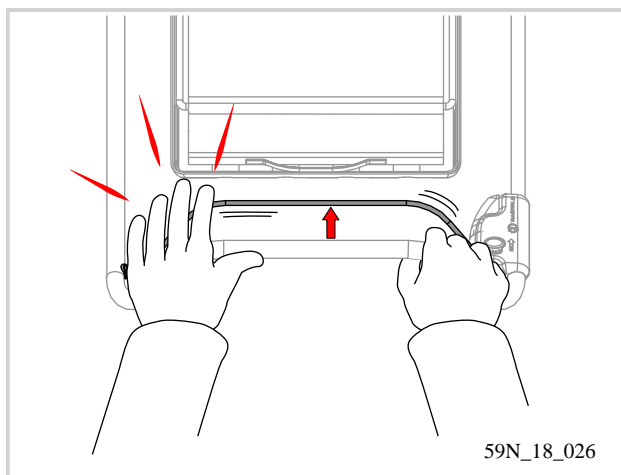
5.3.6. STOP THE ROTATION OF THE CUTTING BLADES



Caution

If the user moves away from the mower for any length of time, or is no longer using it, always:

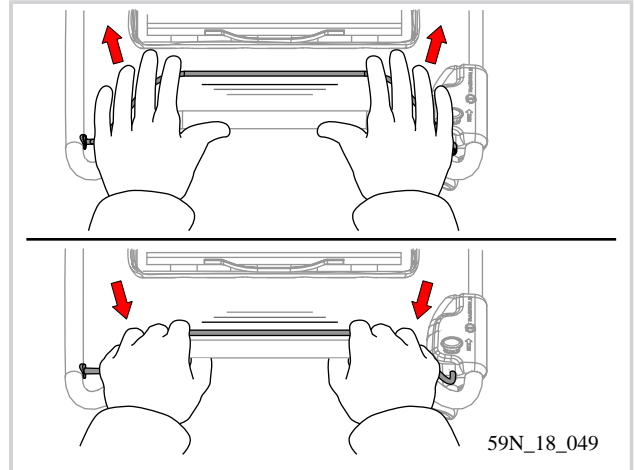
- turn off, disconnect and remove the battery from its tray,
 - remove the ignition key.
- Release the blade rotation On / Off bar (6) to stop the rotation of the cutting blades.



5.3.7. USING THE BOOST FUNCTION

The Boost function allows the cutting blades to accelerate to their maximum speed of 5000 rpm for 2.5 seconds and then return to their programmed speed.

- Release and pull on the blade rotation On / Off bar (6) rapidly to activate the Boost function.

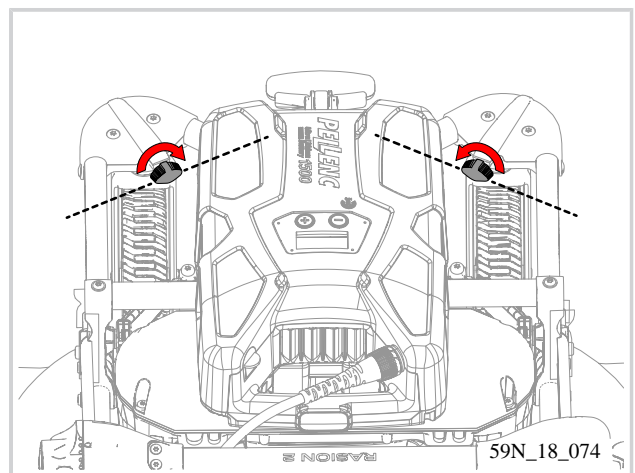


5.3.8. LOCK / UNLOCK THE FRONT WHEELS DIRECTION

- To lock the rotation of the front wheels, turn the 2 pins in front of each wheel to the horizontal.

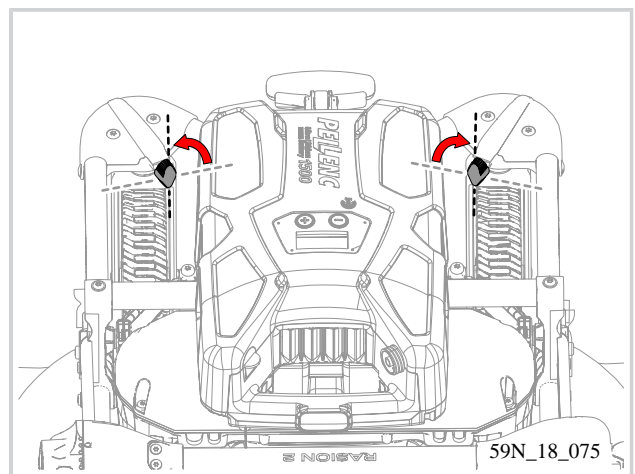
In this position, the front wheels stay straight and the mower moves only in a straight line. However a deliberate change of direction to the right or to the left allows the wheels to be released from this constraint and become free to rotate.

When the front wheels are back in a straight aligned position, they lock again in the straight ahead direction.



- To release the rotation of the front wheels, turn the 2 pins in front of each wheel to the vertical.

In this position, the front wheels are free and the mower can be steered in any direction without constraint.



5.3.9. PARKING BRAKE/TRANSPORT

When the mower is stationary and the blades are not rotating, tilt the cutting height adjustment handle (15) into “parking /transport brake” mode, to secure the mower on sloping ground or on embankments. In this position the cutter deck safety casing comes into contact with the rear wheels which are then blocked. The mower can therefore neither move forwards nor reverse and cannot be pushed.



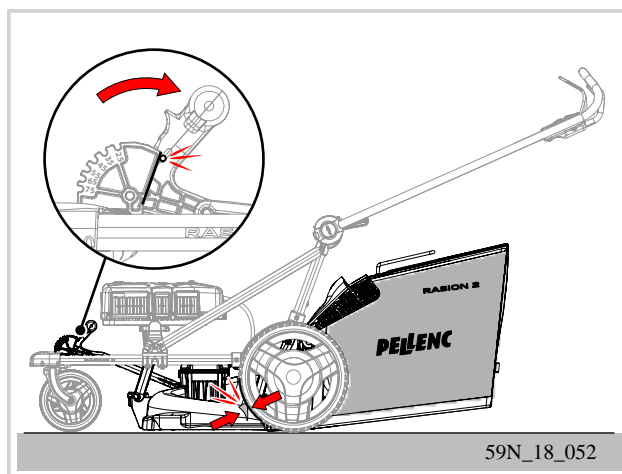
Caution

Always ensure that the cutting blades and wheels have stopped before activating the brake.

- Hold the cutting height adjustment handle (15) whilst simultaneously pressing on the two buttons to release its position and push the handle further than the 25mm position.

Note

When the brake is activated, the cutting blades and wheels are disabled.



5.4. IMMOBILISER SYSTEM

5.4.1. SAFETY KEY

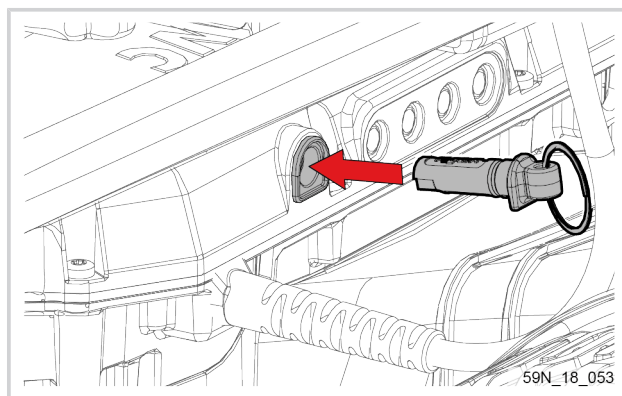
The mower is equipped with a key-operated immobilizer that prevents the motor from starting if the key is not inserted in the key slot. This system helps to limit the risks of accidents and theft.



Caution

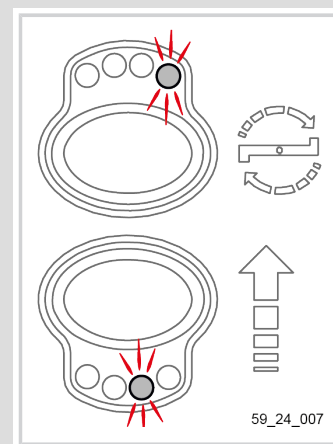
Always remove the key from its socket when the work is finished. Keep the key with you or in a secure place where it cannot be accessed by unauthorized persons.

- Insert the security key (10) into the slot (11).



Note

If the security key is not inserted, the following flashing error code appears.



Note

If the key is pulled out or not detected, the lawn mower will stop immediately. To restart the mower, turn off the battery, insert the safety key in its socket and turn the battery back on. The lawn mower will work once again.

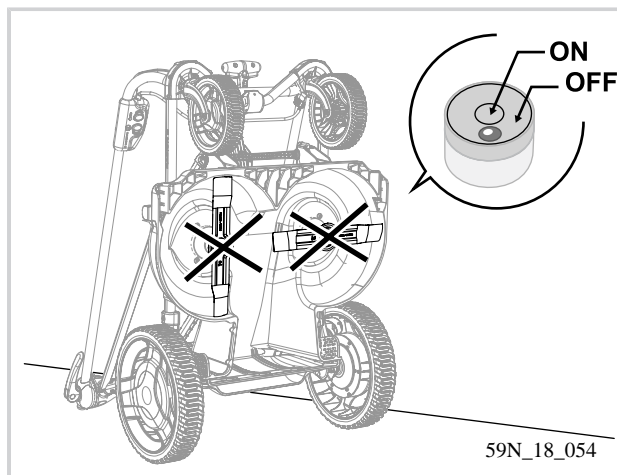
5.4.2. INCLINOMETER

The mower is equipped with an inclinometer that prevents the motor from starting when the mower is tilted or turned over.

For safety reasons, it is impossible to start the cutting blades when the mower is in a vertical position:

- for cleaning,
- for unclogging,
- to change worn parts.

If the battery is operating, an intermittent beep shows that the mower is in a dangerous position with the battery enabled.



Important

If the ground to be mowed is steep, there may be too much of a tilt on the mower and the motor will not start because of this safety feature.

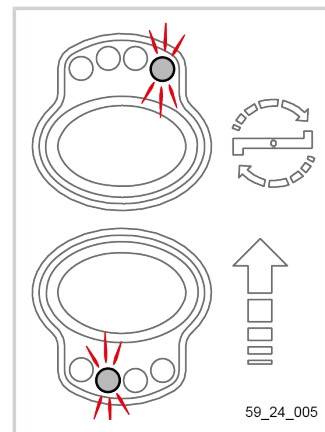
If the mower is not located on level ground (slope $<20^\circ$), a flashing error code corresponding to the safety shut down of the mower will appear on the control box.

Bright flashing error code for safety shutdown:



Caution

If the cutting blades are already operating, turning the mower to a vertical position or turning it over will not stop them.

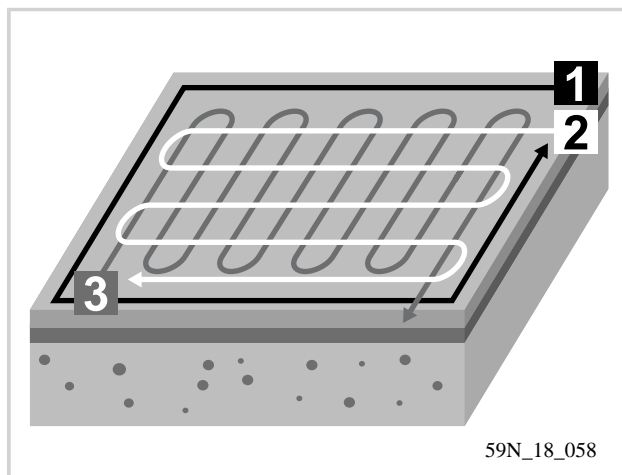


5.5. OPERATING TIPS

To get the best results when mowing a lawn and save time you should follow a certain method. Mow from the edge to the center. You should mow transversely. To make the height of the grass even, you should cut in different directions. However, you should take greater care when mowing on sloping ground to avoid tipping the lawn mower. After mowing, the cut grass must be collected if it has not been mulched. Otherwise, residue can choke the lawn and prevent it from keeping its green color.

5.5.1. MOWING METHOD

1. Clear the edges of the area, if possible using the mower, otherwise using a brush cutter.
2. Mow by going forwards and backwards, first lengthwise.
3. Then change direction and mow crosswise.



Note

Try to overlap slightly on the previous line to attenuate the mowing lines and obtain a uniform lawn.

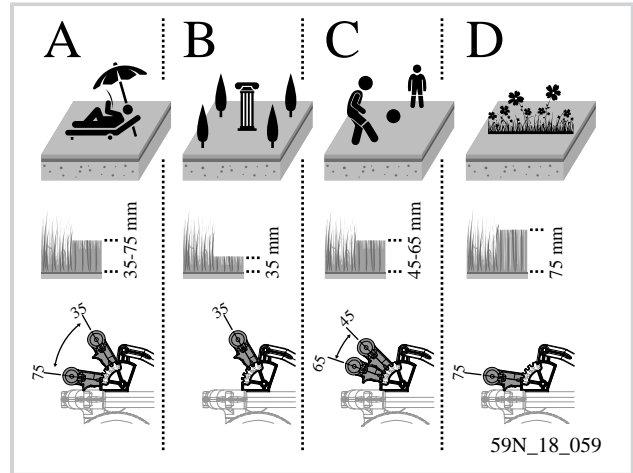
5.5.2. CUTTING HEIGHT

The cutting height depends both on the type of lawn that has been sown and the aesthetic appearance you wish to obtain:

- For a recreational lawn, (family garden), mow to a height of 35 to 75 mm.
- For an ornamental lawn, (municipal and town gardens) mow to a height of 35 mm.
- For a sports ground, (stadiums, golf courses, play areas) mow to a height of 45 to 65 mm.
- For a meadow type area, mow to a height of 75 mm.

Note

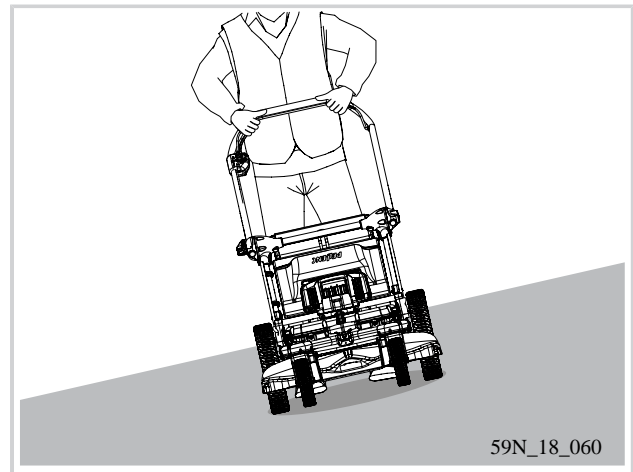
- Ensure that you do not cut more than 1/3 of the height of the grass each time that you mow.
- Close cutting implies more frequent mowing.
- High cutting allows the grass to root deeper.



5.5.3. SLOPES

Although they are increasingly safe, lawn mowers are still dangerous machines, this is why it is better to mow across sloping ground rather than up and down to avoid any risk of tipping.

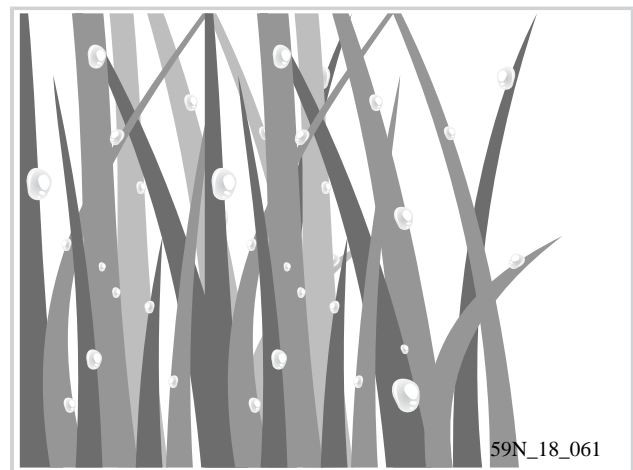
Take extra care if the lawn is slippery, you may lose control of the lawn mower and injure yourself.



5.5.4. DAMP GROUND

Mowing when the grass is wet can force and stall the mower by jamming in the cutter deck housing. Before starting work in the morning, it is better to wait until the area to be mowed is completely dry to avoid damaging the mower.

Mow preferably in dry weather. The quality of the work done will only be more efficient, faster, more energy efficient and less difficult for the mower.

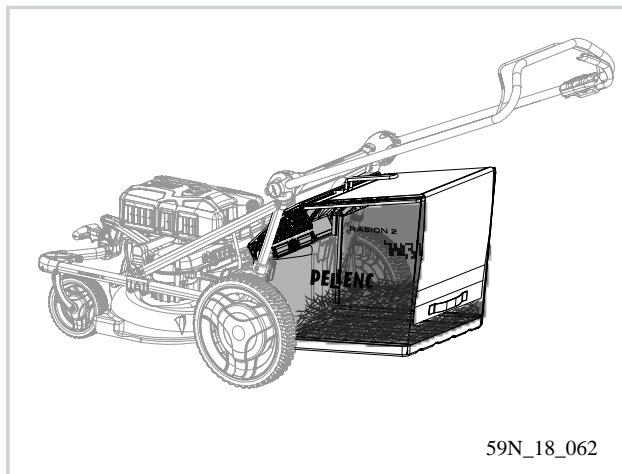


5.5.5. MOWING WITH COLLECTION

Using the collecting bin allows you to have a clean lawn more quickly, without having to go over it a second time with a rake to collect the cut grass.

The grass collecting bin is very easy to fit and remove, with no tools, thanks to its handles.

For this type of mowing, use Rasion collecting blades or Rasion suction blades, see 9. Accessories and consumables, page 41.



59N_18_062

Note

Mowing with collecting blades allows you to obtain a neat and clean lawn. The risk of lawn diseases is low as the waste does not decompose directly on the ground.

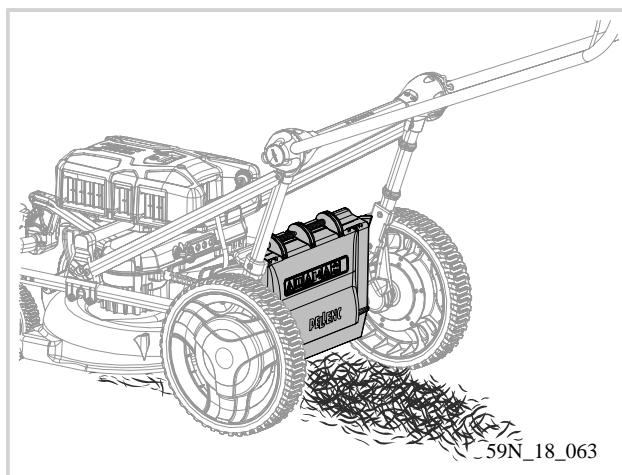
5.5.6. MOWING WITHOUT GRASS COLLECTION

This type of mowing is suited for meadows or high and uneven grass.

No collecting bin is required for this type of mowing.

For this type of mowing, it is recommended to use Rasion universal blades and the Mulching kit, see 9. Accessories and consumables, page 41

For the installation of the Mulching kit, refer to the mounting instructions (reference 131334) supplied with the kit.



59N_18_063

Note

You just need to remove the collecting bin in order for the cut grass to be ejected from the rear of the lawn mower.

5.5.7. MOWING WASTE

5.5.7.1. LEFT IN PLACE

For a recreational lawn, you can leave the cuttings in place if you mow regularly as the cutting height will be lower and the grass finely cut.

Note

The cut part must however not exceed 2-3 cm!

5.5.7.2. COMPOSTING

The cut grass can be composted, alone or mixed with other garden and kitchen waste. However, take care not to put more than 5 cm of fresh cuttings in the composter as this material is high in nitrogen, which can release heat and bad smells.

Note

If volumes to compost are too high, leave the cuttings to dry in the sun for a day by spreading them on the ground to accelerate the decomposition process and prevent bad odors from being released.

5.5.7.3. USE CUTTINGS AS MULCH

Grass cuttings can also be used as mulch. For this, spread them at a thickness of 2 to 3 cm around your vegetable patches (tomatoes, aubergines, beans, etc.), on bare ground around your plants, or at the foot of trees and shrubs.

Note

This mulching limits evaporation during dry periods and will save on watering.

5.5.7.4. TURN CUTTINGS INTO ASH

You can also burn the waste to recover ashes that are rich in potassium. They can then be used around flower beds or spread on your lawn.

Note

French regulations regarding burning green waste

A circular was sent to Prefects in France on 18 November 2011 recalling the legal basis for the prohibition of burning green waste in the open air. It covers both private individuals and professionals working in green spaces who must eliminate their waste through mulching on-site, by taking it to a waste centre or by direct recycling.

Only the Prefect may authorize an exemption to this rule at the suggestion of the health authority and after consultation with the regional health and technological and environmental authority (Coderst)

6. MAINTENANCE

6.1. MAINTENANCE FREQUENCY

Elements concerned	Operations	Frequency				Difficult	Notes
		Prior to each use	After each use	Every 50 hours	When necessary		
General appearance	Visual check	X	X			1	
	Cleaning			X		1	
Handles / Triggers	Operation	X				1	
Fastenings (other than blades)	Clamping			X		1	
Cutter deck housing	Cleaning		X			1	Check that no debris is clogging the cutter deck housing that could block the blades from turning
	Fastenings for the blades	X				1	Use a torque spanner (35N.m) to check that the nut holding each cutting blade is tight.
	Sharpening				X	2	Check that the cutting blades are not dull or damaged
	Adjustment	X				1	Check that the cutting blades are perpendicular
Battery	Please refer to the battery operating instructions						

6.2. USEFUL ADVICE FOR RISK FREE MAINTENANCE

Maintenance on the different parts of the lawn mower is important, it will ensure its service life longevity



Caution

Always disconnect the lawn mower from the battery before working on the cutting blades.
Always switch off and remove the battery before cleaning the mower.
Always use products that are certified as compliant with your lawn mower.
In the event of any problem, consult an authorised distributor.

6.2.1. CUTTING BLADES

The cutting blades ensure the grass is cut cleanly. A high quality mow cuts the grass cleanly without ripping or shredding. Any bent, worn or perforated blades must be changed.



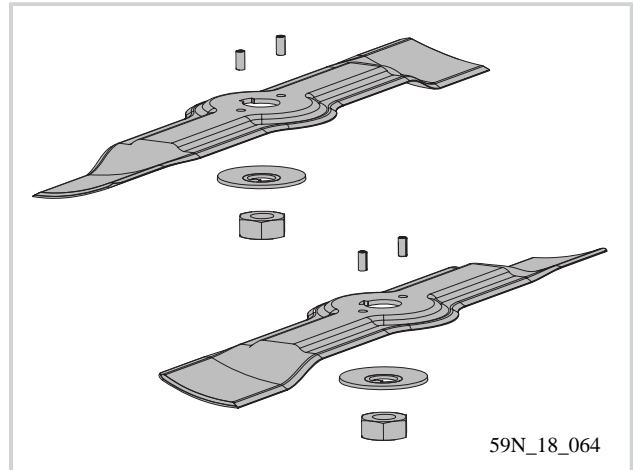
Caution

Always disconnect the lawn mower from the battery before working on the cutting blades.

These parts must be replaced as a precautionary measure or at least once a year:

These parts must be replaced as a precautionary measure or at least once a year:

- Rasion collection blade maintenance kit (see 9. Accessories and consumables, page 41).
or
- Rasion suction blades maintenance kit (see 9. Accessories and consumables, page 41).
or
- Rasion universal blade maintenance kit (see 9. Accessories and consumables, page 41).

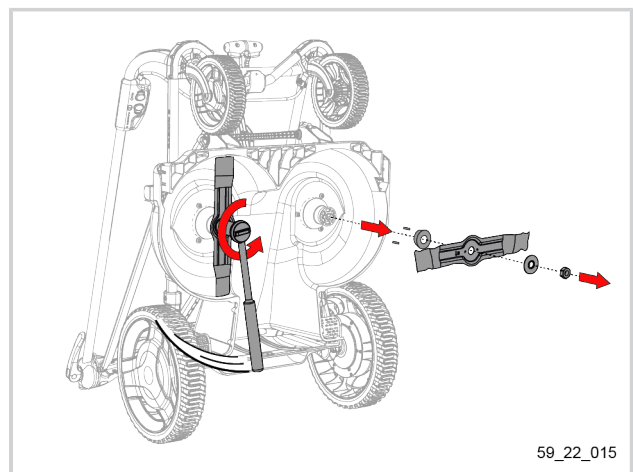


Checking cutting blades and retaining pins

Important

For your safety, cutting blades and retaining pins should be checked immediately after an impact.

1. Tip the lawn mower upright. If the cutting blades are not perpendicular to each other, it may be because the retaining pins are broken.
2. In this case the mower must not be used to cut grass and the retaining pins must be replaced before the next use.
3. Before changing the retaining pins, check the state of wear of the cutting blades that can be replaced at the same time.



Replacing the blades

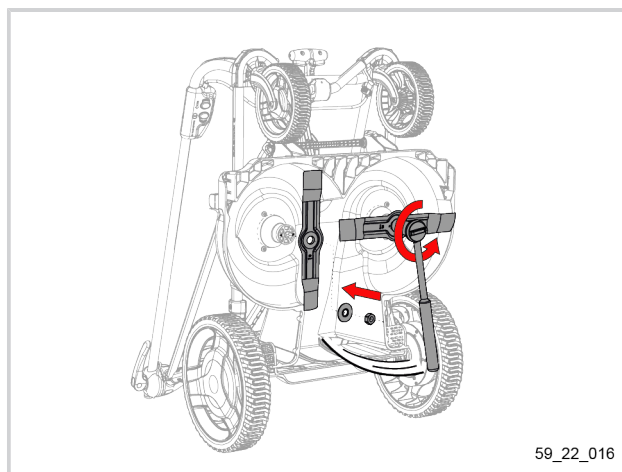
In case of excessive vibration, replace the blades.

1. Unscrew and remove in order the 19mm nut, the Belleville washer and the cutting blade.

Note

The direction of loosening is always the opposite of the arrows engraved on the cutting blade.

2. Replace old pins with new pins if necessary.
3. Sharpen the blade with a smooth-cut file following the bezel, filing only in one direction, from the inside to the outside of the blade, in one or two movements.
4. Check that the blade is well balanced.
5. Refit the blade in the direction of assembly, with tightening torque of 35 Nm.



6.2.2. CLEANING THE CASING DECK



Caution

Always disconnect the lawn mower from the battery before working on the cutting blades.

Always wear gloves to protect your hands and wrists when working near the cutting blades on the lawn mower! Risk of accidental cuts.

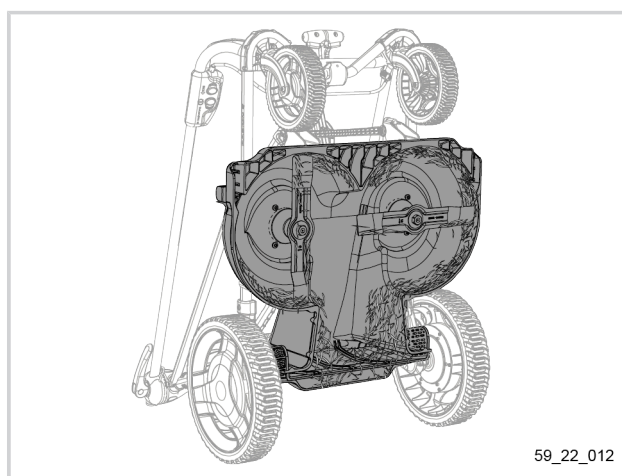


Warning

Never use soap or solvent, (such as trichloroethylene, white spirit or petrol, etc.) to clean the mower.

Clean the inside and the outside of the housing after each mowing session:

1. Tip the lawn mower upright.
2. Use a wooden or plastic tool to scrape grass from inside the housing, taking care not to scratch the housing.
3. Clean up the remaining mowing residue with a damp cloth soaked in water.

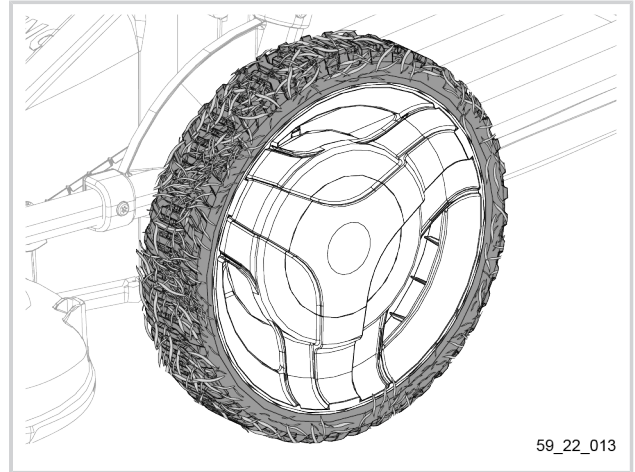


6.2.3. CLEANING THE WHEELS

The lawn mower's wheels are particularly susceptible to clogging. Grass stalks, dust and mowing residues stick to the outer tires of the wheels and reduce the adhesion of the machine.

Clean the wheels after each mowing session:

- Remove caked-on particles from the wheels with a damp cloth soaked in water.

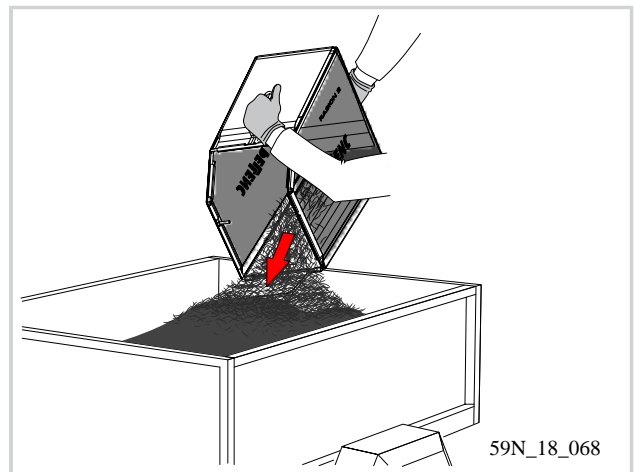


6.2.4. COLLECTING BOX

The collecting bin is filled by the air currents created by the blades, which send the cuttings into the collecting bin and are then evacuated by these vents.

During mowing:

1. Empty the grass collection bin regularly.
2. Ensure that the fabric of the grass collection bin is ventilated and clean.



After use:

1. Remove the grass collection bin from the mower.
2. Clean the entire grass collection bin with a hose.
3. Dry the grass collection bin naturally by turning it over in a sunny place in order to kill any germs of fungi and fungal diseases.

6.2.5. CLEANING THE OPTICAL SENSOR



Warning

Never use a water jet or a solvent!

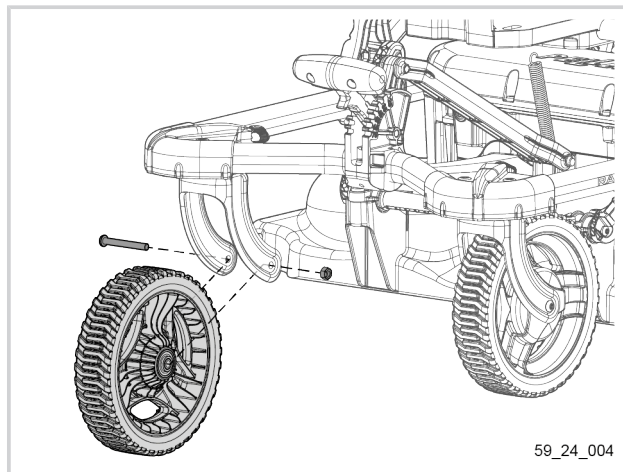
1. Turn off the battery
2. Clean the optical sensor with a damp cloth moistened with water.
3. Turn the battery back on.

6.3. REPLACEMENT OF WORN PARTS

6.3.1. REPLACING A FRONT WHEEL

Description of the part	Reference
FRONT WHEEL KIT RASION 2 ONLY	159658

1. Loosen the front wheel retaining screw using a 25 mm Torx screwdriver and a 10 mm spanner.
2. Remove the screw and nut.
3. Remove the front wheel.
4. Check that the wheel is facing the right way before remounting.
5. Position the wheel in the support.
6. Position the screw (head towards the outside of the mower)
7. Position the nut on the screw.
8. Tighten the screw to a torque of 8 N.m using a torque screwdriver, a 25 mm Torx bit and a 10 mm spanner.



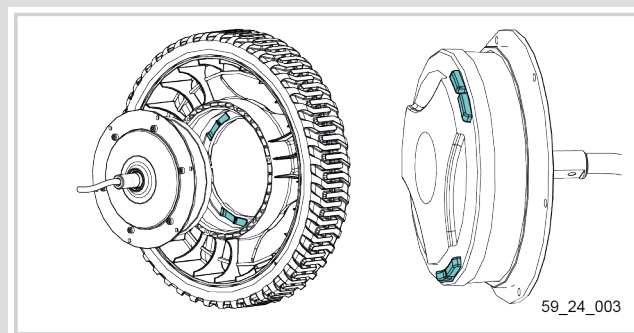
6.3.2. REPLACING A REAR WHEEL

Description of the part	Reference
REAR WHEEL KIT RASION 2	142130

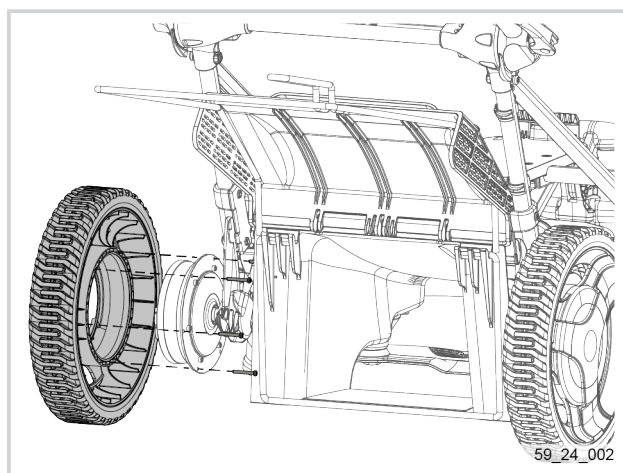
Important

When remounting: be sure to position the motor lugs in the positions provided in the rim.

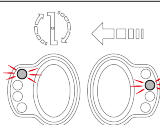
Take care when positioning the two O-rings.

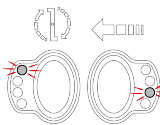


1. Loosen the 6 wheel support jumper screws using a 20mm Torx screwdriver.
2. Remove the 6 screws.
3. Remove the wheel.
4. Position the rim on the wheel motor.
5. Tighten the 6 screws using a 30 mm Torx bit.
6. Tighten the 6 screws to a torque of 2.5 N.m using a torque screwdriver.



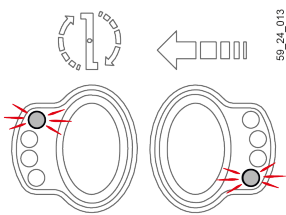
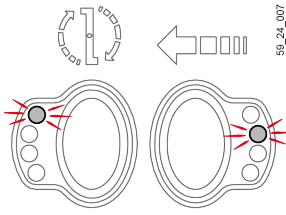
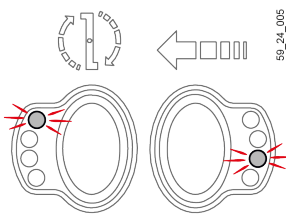
7. INCIDENTS AND TROUBLESHOOTING

Problem	Checks	Probable cause	Possible action
The lawn mower does not start	The LEDs are off	Battery off	Switch on the battery
		Battery discharged	Charge the battery
		Wrong connection with the battery	Check the power cord
			Check the connections (tool and battery) Clean them with compressed air if necessary Repeat the operation if necessary
		Non compatible battery	Changing the battery
	The LEDs are on "steady"	Faulty control	<ul style="list-style-type: none">• Turn off the battery• Unplug the power cord and reconnect it• Restart the battery
		Safety at start up	Check that the security key is correctly inserted in its socket
		Cutter deck blocked	<ul style="list-style-type: none">• Turn off the battery• Clean the inside of the housing• Restart the battery
		Internal fault	Contact your approved distributor
		No safety starter key	Insert the safety key into its slot.
The lawn mower tries and fails to start	The LEDs are on with a flashing error code		Move the mower to a slope or incline of < 20°
	The LEDs are on with a flashing error code		<ul style="list-style-type: none">• Turn off the battery• Clean the inside of the housing• Restart the battery
	Cutter deck blocked	Increase the cutting height	
	Starting in grass that is too dense and when the height setting is too low	Empty the collecting bin	

Problem	Checks	Probable cause	Possible action
The lawn mower stops and starts	The LEDs light-up intermittently	The On/Off switches are defective	Contact your approved distributor
	The LEDs are always on	Cutter housing clogged	<ul style="list-style-type: none"> Turn off the battery Clean the inside of the housing Restart the battery
		Damaged power cords	Contact your approved distributor
		Grass is too high	Increase the cutting height
The lawn mower is not cutting grass properly		Cutter deck housing clogged	<ul style="list-style-type: none"> Turn off the battery Clean the inside of the housing Restart the battery
		Collecting bin full	Empty the collecting bin
		Turning speed of the blades is too slow	Increase the turning speed of the blades
		Damaged or blunt blades	Sharpen or replace the blades
		Blades mounted upside down	Refit the blades in the correct direction
		Retaining pins broken	Replace broken pins with new pins
		Current settings are not suitable for mowing	<ul style="list-style-type: none"> Increase the cutting height Reduce the forward speed of the lawn mower
Turning speed of cutting blades too slow	Rotational speed < 2,500 rpm		<ul style="list-style-type: none"> Allow the lawn mower to cool down Reduce the speed of the lawn mower Increase the cutting height of the lawn mower
	 <p>The LEDs are on with a flashing error code</p>	The lawn mower has overheated	
		Density sensor clogged	<ul style="list-style-type: none"> Switch to manual mode or Switch off the battery/Clean the density sensor with water and a wet cloth/Turn the battery back on
The lawn mower stops	The display is not powered	The battery is flat	Recharge the battery using the battery charger.

Problem	Checks	Probable cause	Possible action
The battery beeps then goes off	1 long beep + 1 short beep	Power surge alarm	Grass too high or too dense
	1 long beep + 2 short beeps	Lawn mower temperature alarm	Allow the lawn mower to cool down
	1 long beep + 3 short beeps	Over voltage or under voltage alarm	Battery flat or damaged
	1 long beep + 4 short beeps	Blockage safety alarm	Turn off the battery/Unblock the blades and/or clean the housing/Restart the battery
	1 long beep + 5 short beeps	Motor alarm	Contact your approved distributor
	1 long beep + 6 short beeps	Trigger alarm	Damaged handlebar cable Contact your approved distributor
		Key alarm	Security key missing, put the key back in the slot

Reminder of probable meanings of flashing light error code:

Fault	Probable cause and resolution
	<p>Machine turned over/inclined</p> <ul style="list-style-type: none"> • See table above. • See 5.4.2. Inclinator, page 26.
	<p>No safety starter key</p> <ul style="list-style-type: none"> • See table above. • See 5.4.1. Safety key, page 25.
	<p>Density sensor clogged</p> <ul style="list-style-type: none"> • See table above. • See 5.2.2. Automatic rotation speed (optional), page 20.

8. STORAGE AND TRANSPORT

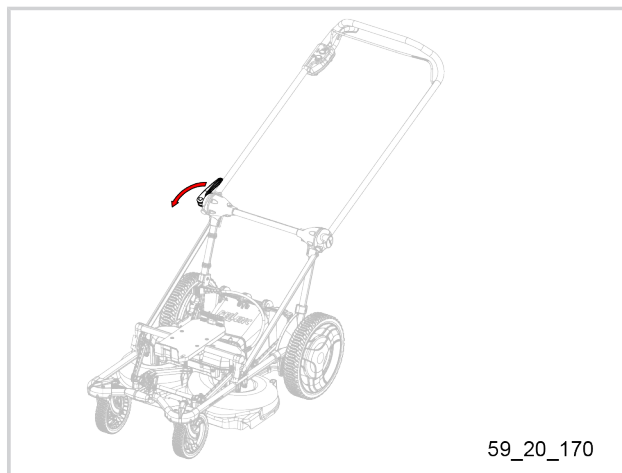
8.1. FOLD THE MOWER INTO THE TRANSPORT POSITION



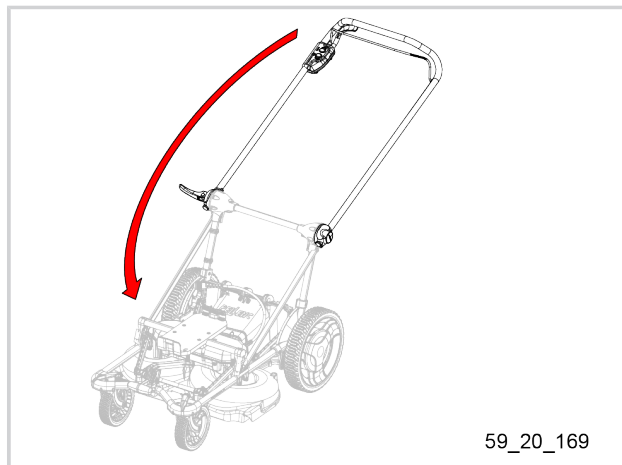
Warning

Always make sure the battery is turned off before folding the handlebar (7).

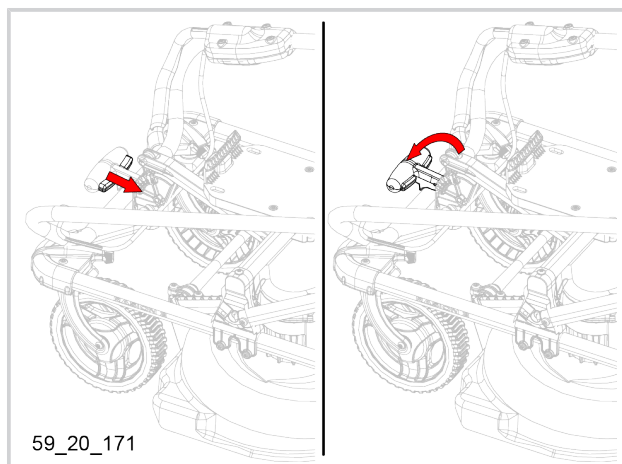
1. Remove and safely store the safety key.
2. Check that the battery is off, battery power icon off (750 / 1200/ 1500 battery).
3. Remove the battery from the lawn mower.
4. Fold down the handlebar (7):
 - unlock the handlebar adjustment lever (19) by pulling it forwards,
 - turn the handle to loosen the handlebar.



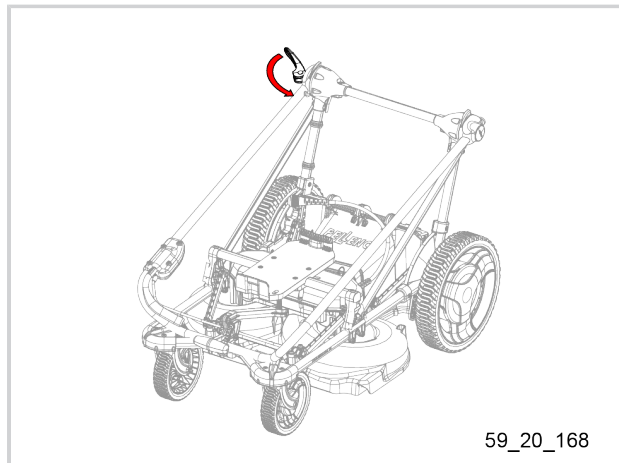
5. Fully unfold the handlebar (7) backwards.



6. Lock the cutting height adjustment handle (15).



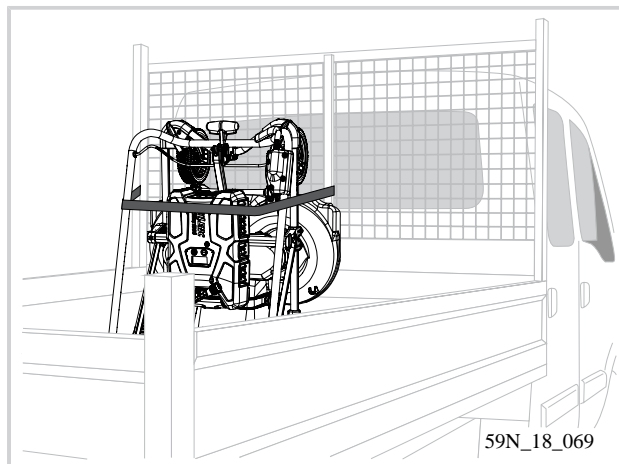
7. Lock the handlebar adjustment lever (19) by pulling it forwards.



8. Locking the transport brake.
9. Attach the mower securely to prevent it from tipping over or moving during transport.

Important

Be careful not to use straps that deform the handlebar and chassis tubes.



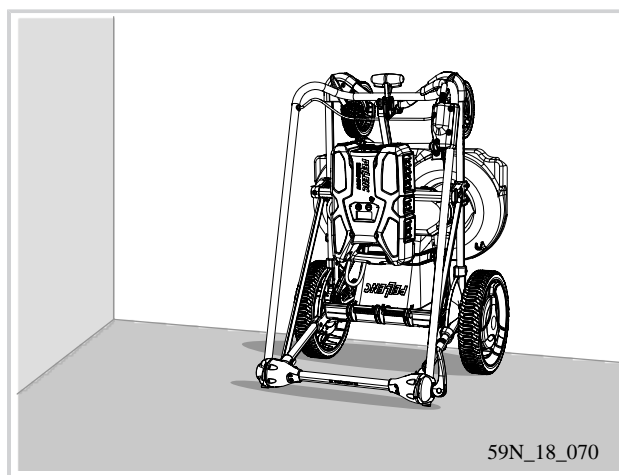
8.2. STORAGE



Warning

Always make sure the battery is turned off before folding the handlebar (7).

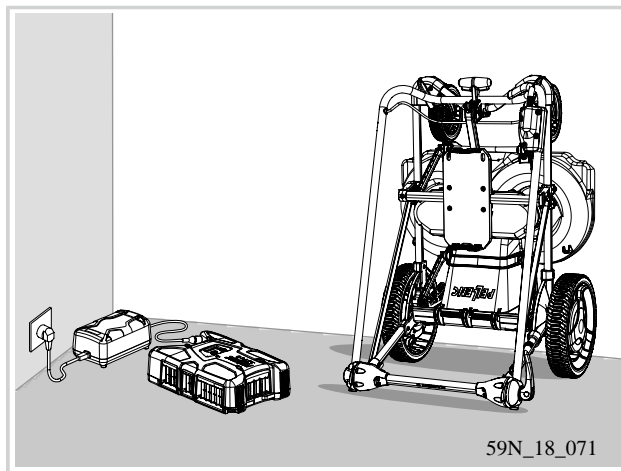
1. Store the lawn mower in a dry, sheltered place.
2. Remove and safely store the safety key.
3. Check that the battery is off, battery power icon off (750 / 1200/ 1500 battery).
4. Remove the battery from the lawn mower.
5. To reduce the size of the mower for transport, fold down the mower handlebar (See 8.1. Fold the mower into the transport position, page 39).



8.3. OFF-SEASON STORAGE

Before storing the mower for the winter, remember to have it serviced annually by an authorised dealer.

1. Check that the battery is off, battery power icon off (750 / 1200/ 1500 battery).
2. Remove the battery from the lawn mower.
3. Remove the battery from its tray.
4. Check that the battery is off, battery power icon off (750 / 1200/ 1500 battery),
5. Remove the battery from the lawn mower.
6. Remove the battery from its tray.
7. Fold the mower into the transport position (See 8.1. Fold the mower into the transport position, page 39),
8. Recharge the battery using its charger following the instructions in the user manual.
9. Store the battery in a frost-free place.



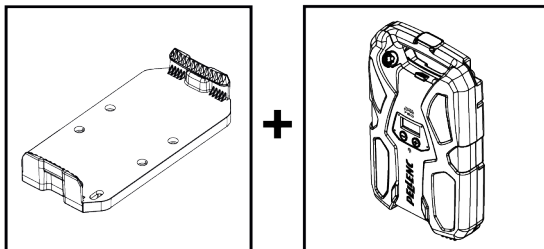
Important

Have your lawn mower serviced every 200 hours or at least once a year. Always make sure the mower is clean and the battery charged before storage.

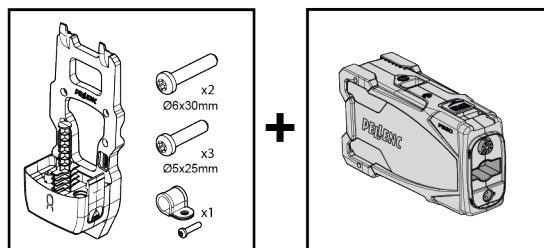
9. ACCESSORIES AND CONSUMABLES

Name		Part number
Maintenance kit	Rasion collecting blades	131404 (standard)
	Rasion suction blade	160427
	Rasion universal blades	134104
Collecting box		145870
Mulching kit		57154
Battery protection kit	750/1200/1500 Batteries	135454
Safety key with ring		130424

Name	Part number	
750/1200/1500 battery holder kit	135161	
1200 Ultra Lithium battery	57253	
1500 Ultra Lithium battery	57254	

Name	Part number	
750/1200/1500 battery holder kit	135161	
750 Ultra Lithium battery	57191	

59_20_250

Name	Part number	
Alpha plate Kit	57278	
PELENC ALPHA 520 battery	57193	

59_21_001

10. GENERAL WARRANTIES

10.1. STATUTORY WARRANTY

10.1.1. LATENT DEFECTS WARRANTY

Apart from the commercial warranty provided for under Article II, Article 1641 of the French Civil Code states that "the seller is bound to a warranty on account of latent defects of the object sold which render it unfit for the use for which it was intended, or which would impair said use to the extent that the buyer would not have acquired it, or would only have paid a lesser price for it, had he/she known of them".

Article 1648 of the French Civil Code "The action resulting from latent defects must be brought by the purchaser within two years after the discovery of the defect."

10.1.2. LEGAL GUARANTEE OF CONFORMITY

Article L.217-4 of the French Consumer Code "The seller delivers goods in compliance with the contract and is liable for defects of conformity existing upon delivery.

The seller is also liable for any lack of conformity resulting from the packaging, assembly or installation instructions whenever its contractual liability is engaged in this regard or the latter are carried out under its responsibility.

Article L.217-5 of the French Consumer Code "Goods are compliant with the contract":

1. If they are fit for the purpose normally expected of similar goods and, where applicable:
 - If they correspond to the description given by the seller and possess the qualities that were presented to the buyer in the form of a sample or model;
 - If they possess the qualities that a buyer can reasonably expect given the public statements made by the seller, the producer or its representative, especially in advertising or labelling;
2. Or if it has the characteristics defined by mutual agreement between the parties or be suitable for any special use sought by the buyer, brought to the attention of the seller and accepted by the latter.

Article L.217-12 of the French Consumer Code "legal action resulting from lack of conformity lapses two years after delivery of the goods".

10.2. PELLENC COMMERCIAL WARRANTY

10.2.1. CONTENTS

10.2.1.1. GENERAL INFORMATION

In addition to legal warranties, client users benefit from the commercial warranty on PELLENC products covering the exchange and replacement of parts recognised as being out of order, due to machining defects, assembly defects or material defects, whatever the cause.

The warranty forms an inseparable whole with the product sold by PELLENC.

10.2.1.2. SPARE PARTS

The commercial warranty also covers PELLENC original spare parts, excluding labour and to the exclusion of certain parts of each product provided at delivery.

10.2.2. DURATION OF WARRANTY

10.2.2.1. GENERAL INFORMATION

PELLENC products are guaranteed under the commercial warranty as from delivery to the customer for a period of two (2) years for products connected to a PELLENC battery, and for a period of one (1) year for other PELLENC products.

10.2.2.2. SPARE PARTS

PELLENC replacement parts replaced under the product warranty are guaranteed under the commercial warranty as from delivery of the PELLENC product to the customer user for a period of two (2) years for products connected to a PELLENC battery, and for a period of one (1) year for other PELLENC products.

In the case of products connected to a PELLENC battery, parts that are replaced under the product warranty after the 12th month of use, are covered for a period of one (1) year.

10.2.2.3. WARRANTY EXCLUSIONS

Products that have been subject to abnormal use, or that have been used under conditions and for purposes other than those for which they were manufactured, are excluded from the commercial warranty, especially in the case of non-compliance with the conditions stipulated in this user manual.

Nor does it apply in the event of impact, dropping, negligence, lack of supervision or maintenance or if the product has been transformed. Products that have been altered, transformed or modified by the user customer are also excluded from the warranty.

Wear parts and/or consumables are not covered by the warranty.

10.2.3. IMPLEMENTATION OF THE COMMERCIAL WARRANTY

10.2.3.1. PRODUCT COMMISSIONING AND COMMISSIONING DECLARATION

No later than eight days after delivery of the goods to the user customer, the DISTRIBUTOR undertakes to complete the computerised commissioning declaration form in order to activate the latter on the website www.pellenc.com, under the heading "Extranet Access" in the "Pellenc Extranet Service" menu, using the identifier previously issued by PELLENC.

Failing that, commissioning declaration will not be effective and implementation of the PELLENC commercial warranty will not occur. As a consequence thereof, the DISTRIBUTOR must ensure the financial burden of its intervention under the warranty without being able to pass on the cost to the client user.

The DISTRIBUTOR also undertakes to complete the warranty card or the certificate of warranty and commissioning for self-propelled equipment provided with the product after having the user customer sign and date it.

10.3. PAID AFTER-SALES SERVICE

10.3.1. GENERAL INFORMATION

Malfunctions, breakdowns, breakages resulting from misuse, negligence or improper maintenance by the user customer, as well as malfunctions resulting from the normal wear of the product, are subject to the payment of the after-sales service, even during the period of the legal and commercial warranty. After-sales service repairs that fall outside of the legal and commercial warranty also include maintenance, adjustments, diagnostics of all types, and cleaning, without the present list being exhaustive.

10.3.2. WEAR PARTS AND CONSUMABLES

Wear parts and consumables also fall within the after-sales service.

10.3.3. SPARE PARTS

Paid after-sales service also covers PELLENC original spare parts, excluding labour and outside the legal and commercial warranty period.

In case of replacement of original PELLENC spare parts in the context of after-sales service, said latter are covered by a warranty of one year as from the installation date.

11. STATEMENT OF COMPLIANCE

11.1. STATEMENT OF COMPLIANCE: RASION 2

MANUFACTURER / PERSON AUTHORISED TO COMPILE THE TECHNICAL FILE	PELLENC		
ADDRESS	Quartier Notre-Dame - 84120 Pertuis (France)		
GENERIC DENOMINATION	Lawn mower		
FUNCTION	Battery-powered self-propelled mower intended for the maintenance of green spaces		
COMMERCIAL NAME	RASION 2 EASY		
TYPE	RASION 2		
MODEL	EASY		
SERIAL NO.	59Y00001 - 59Y49999	59Z00001 - 59Z49999	59A00001 - 59A49999

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The object of the declaration described above complies with the relevant Union harmonisation legislation:

- Directive 2006/42/EC
 - EN 62841-1:2015 + A11:2022
 - EN IEC 62841-4-3:2021 + A11:2021
- Directive 2014/30/EU
 - EN IEC 55014-1:2021
 - EN IEC 55014-2:2021
- Directive 2011/65/EU
- Directive 2012/19/EU
- Regulation (REACH) No 1907/2006

Sound level at the maximum operating rating

MODEL	RASION 2 EASY
Measured sound power according to Directive 2000/14 /EC	$L_{WAm} = 96 \text{ dB (A)}$
Guaranteed sound power according to Directive 2000/14 /EC	$L_{WAg} = 98 \text{ dB (A)}$

Signed for and on behalf of:

Simon BARBEAU

CEO



PERTUIS, on 12.06.2024

11.2. UK DECLARATION OF CONFORMITY ^{UK}_{CA} : RASION 2

MANUFACTURER / PERSON AUTHORISED TO COMPILE THE TECHNICAL FILE		PELENC	
ADDRESS		Quartier Notre-Dame - 84120 Pertuis (France)	
GENERIC DENOMINATION	Lawnmower		
FUNCTION	Battery-powered self-propelled mower intended for the maintenance of green spaces		
COMMERCIAL NAME	RASION 2 EASY		
TYPE	RASION 2		
MODEL	EASY		
SERIAL NO.	59Y00001 - 59Y49999	59Z00001 - 59Z49999	59A00001 - 59A49999

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The object of the declaration described above complies with the relevant Union harmonisation legislation:

- S.I. 2008 No. 1597 "Machinery"
 - EN 62841-1:2015 + A11:2022
 - EN IEC 62841-4-3:2021 + A11:2021
- S.I. 2016 No. 1091 Electromagnetic Compatibility Regulations 2016
 - EN IEC 55014-1:2021
 - EN IEC 55014-2:2021
- S.I. 2012 No. 3032 RoHS
- The Waste Electrical and Electronic Equipment Regulations 2013
- S.I. 2021 No. 904 UK REACH Regulation

Sound Power Level :

MODÈLE	RASION 2 EASY
Measured sound power level	$L_{WAm} = 96 \text{ dB (A)}$
Guaranteed sound power level	$L_{WAg} = 98 \text{ dB (A)}$

The measured sound level and the guaranteed sound power level were measured by the notified body SGS-CSTC Shanghai, 588 West Jindu Road, Xinqiao, Songjiang, 201612 Shanghai, Chine according to a procedure compliant with Noise Emission in the Environment by Equipment for use Outdoors Regulations 2001 Annex V.

Signed for and on behalf of:

Simon BARBEAU

CEO



PERTUIS, on 2024.6.12

PELLENC

   www.pellenc.com

PELLENC
Quartier Notre Dame - 84120 Pertuis (France)

