



# UniversalRotak

34-410 | 37-560 | 37-565 | 37-570

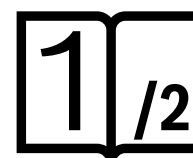
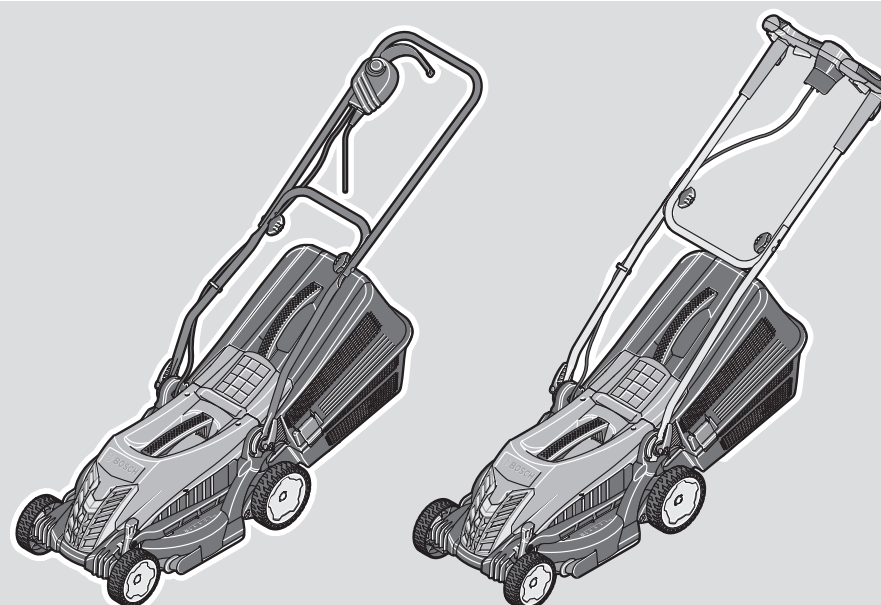
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F 016 L94 597 (2024.09) 0 / 19



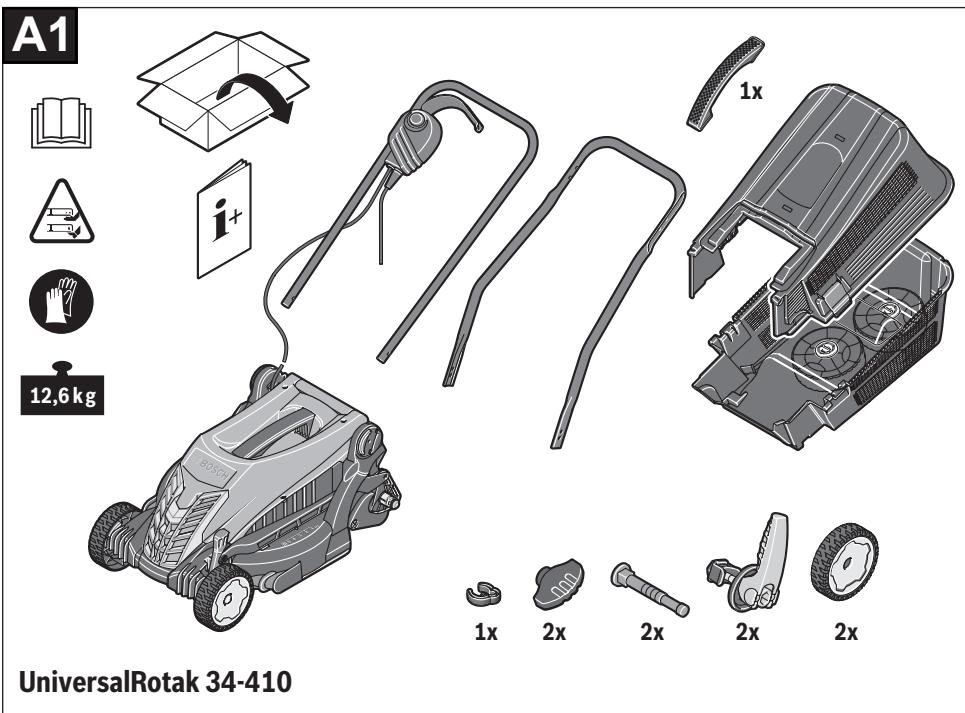
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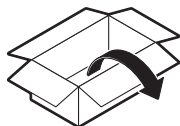
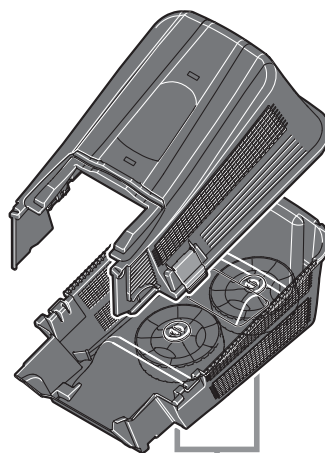
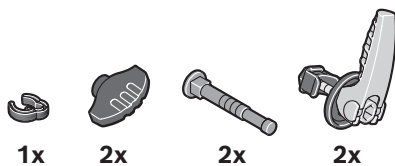
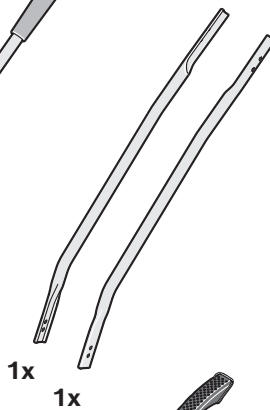
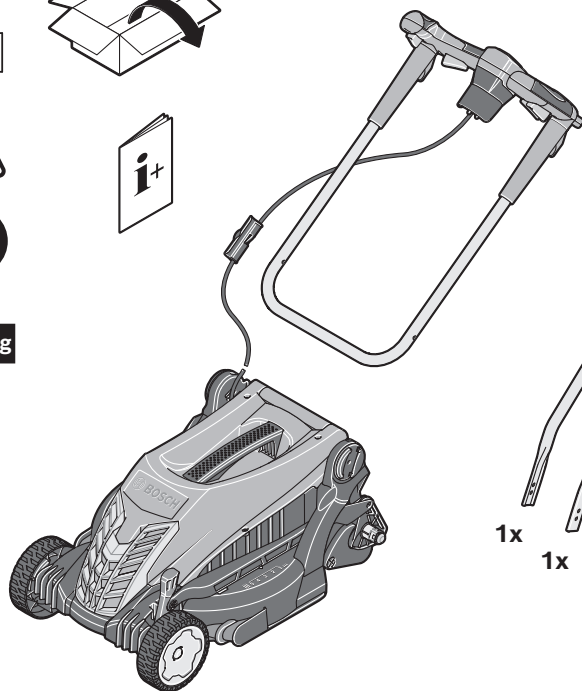


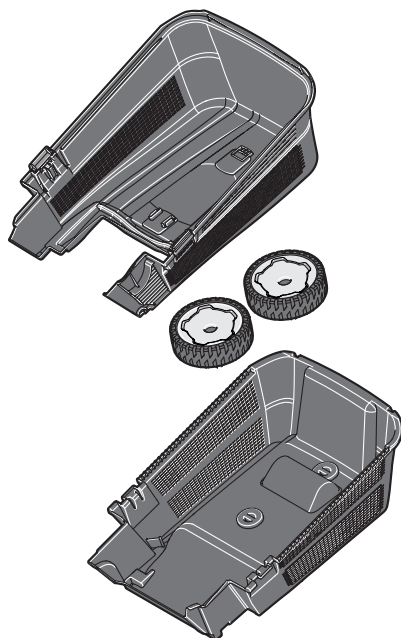
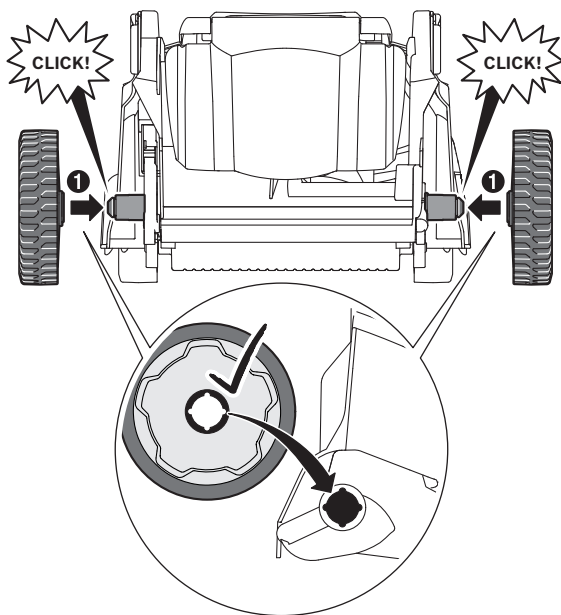
en Original instructions

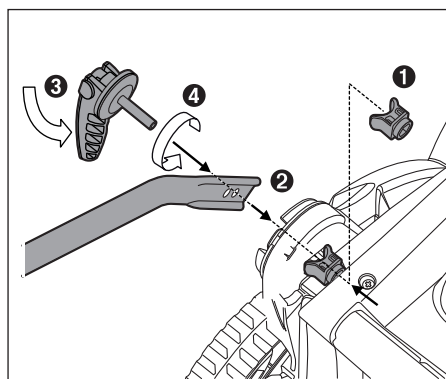
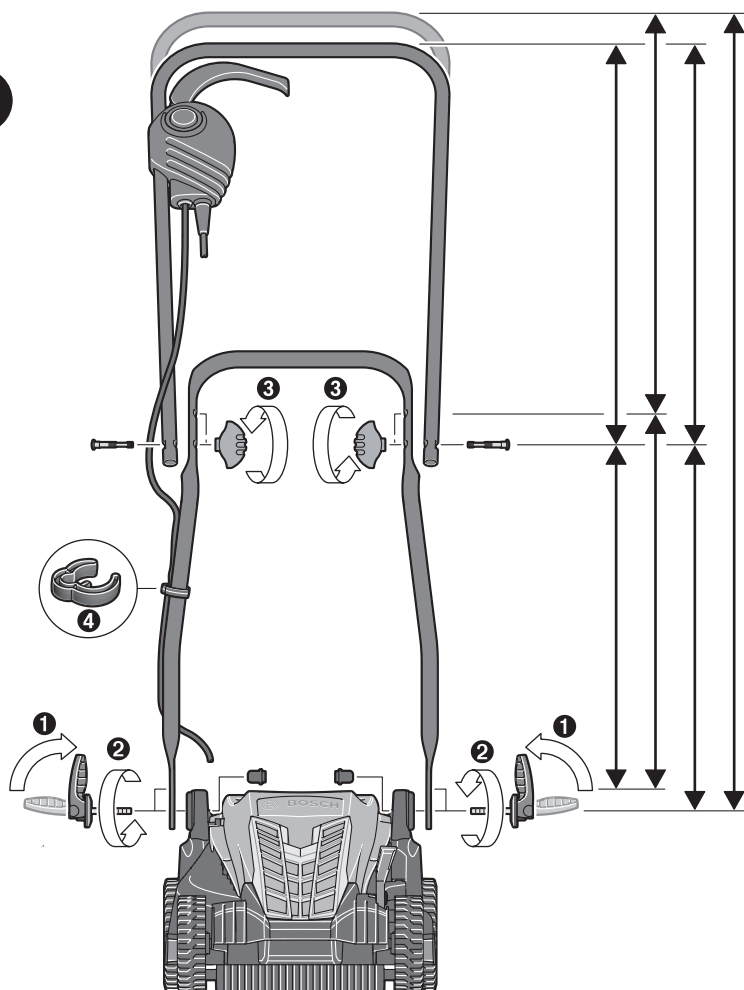


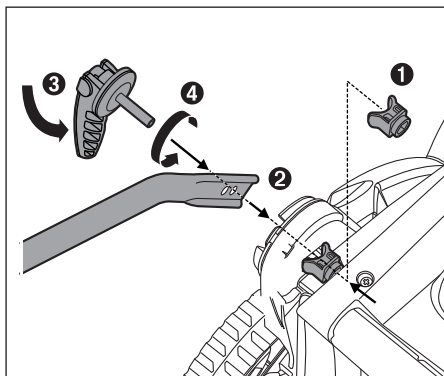
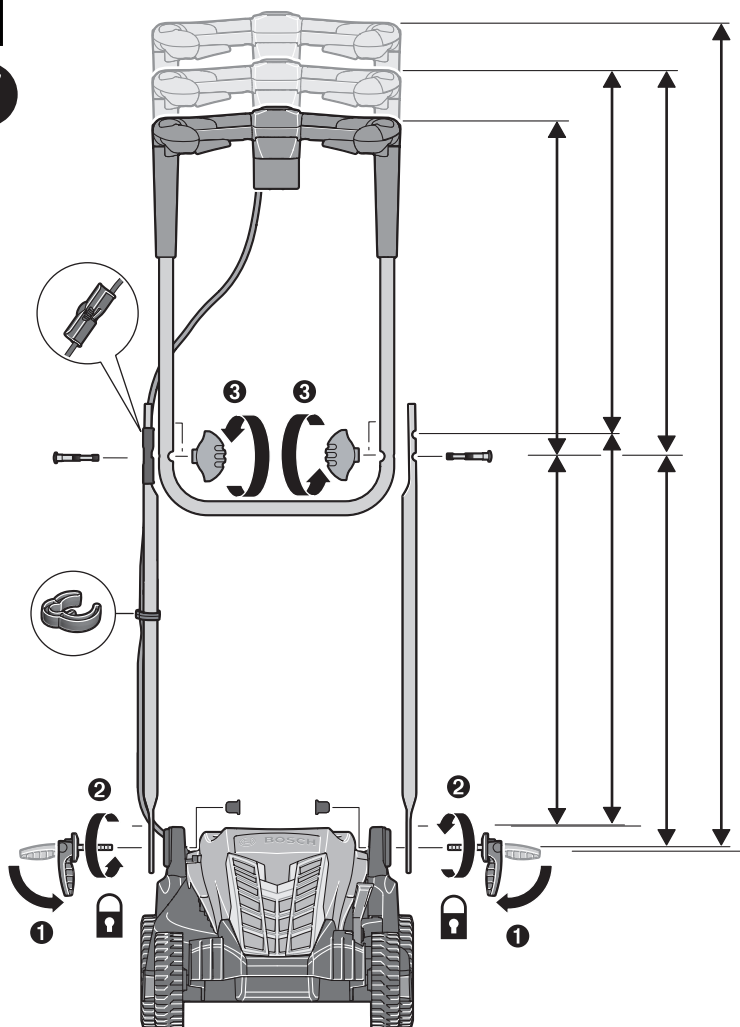


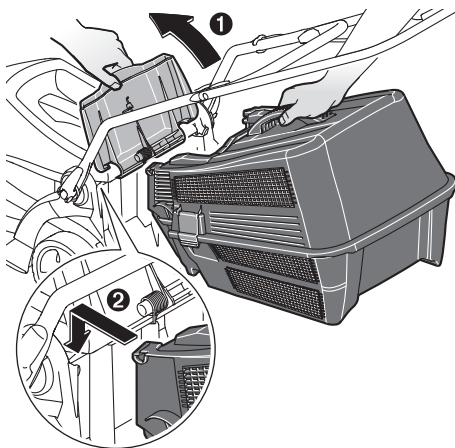
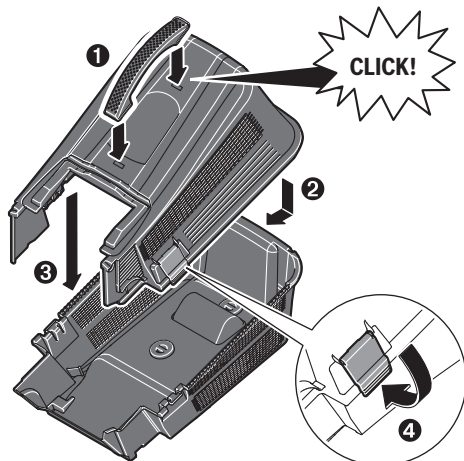
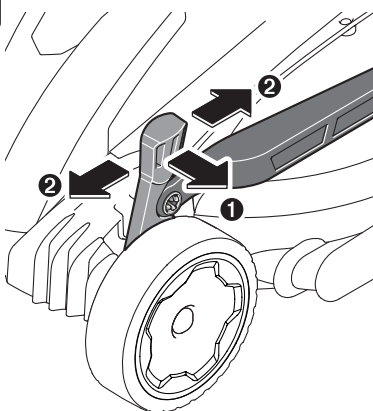


**A2****13,2 kg****UniversalRotak 37-560 | 37-565 | 37-570**

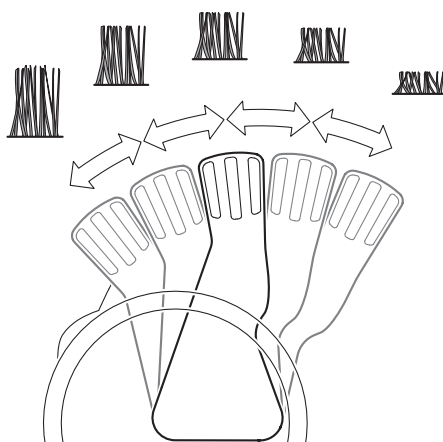
**B****C**

**D1****UniversalRotak 34-410**

**D2****UniversalRotak 37-560 | 37-565 | 37-570**

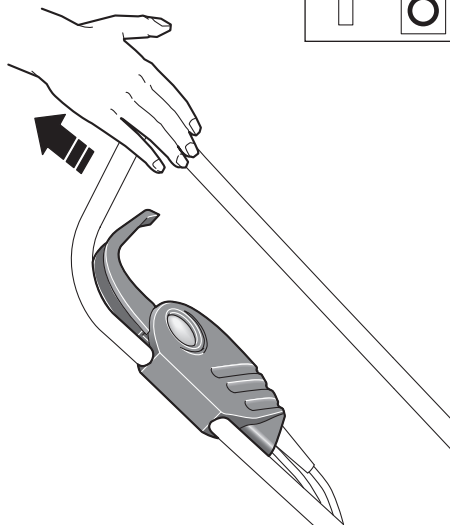
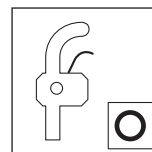
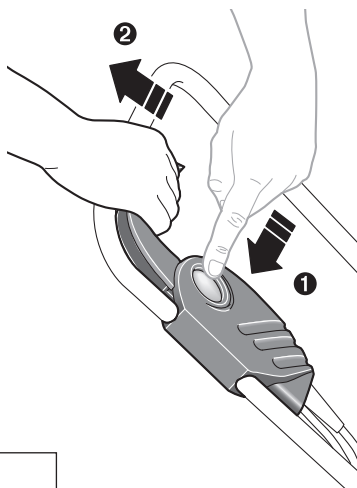
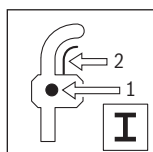
**E****F**

25-70mm





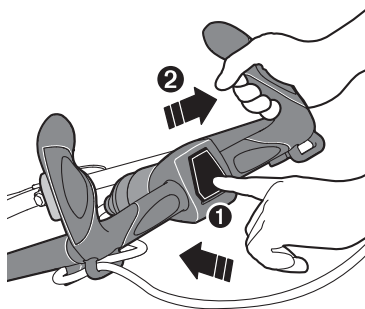
**G1**



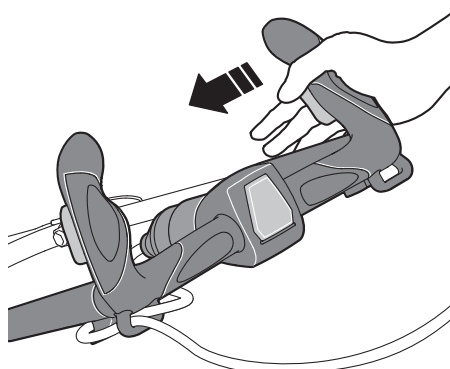
**UniversalRotak 34-410**

**G2**

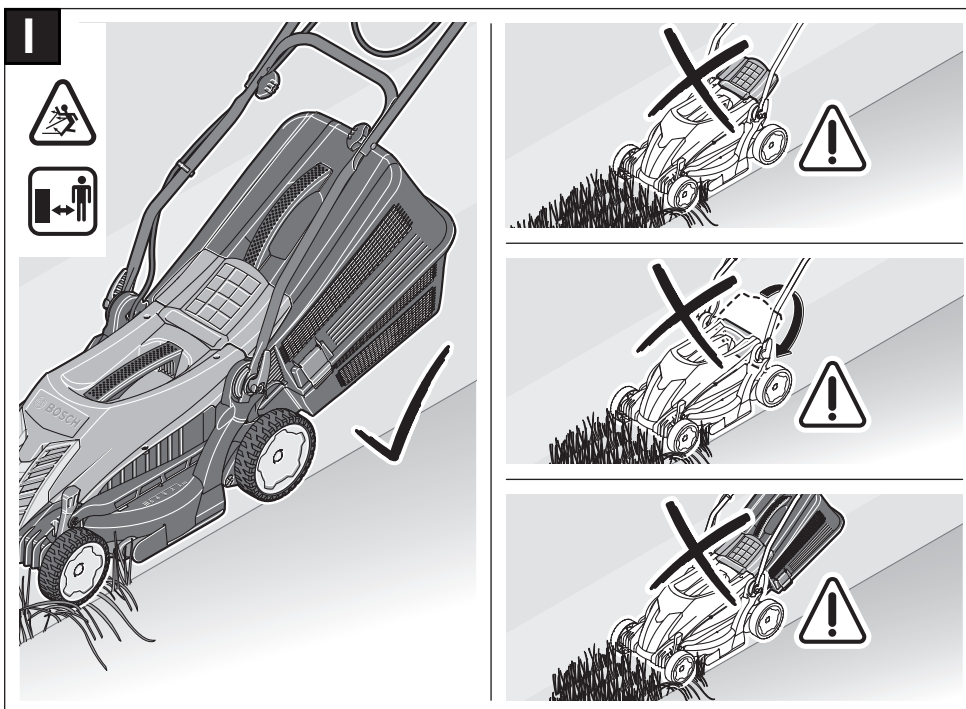
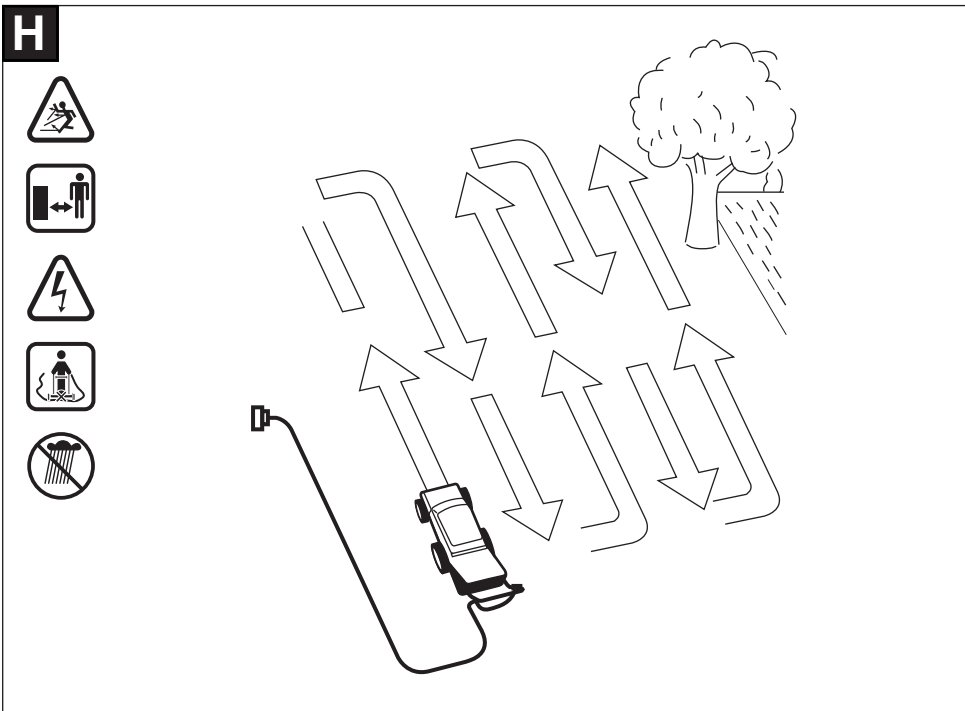
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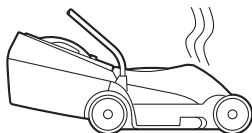
**O**



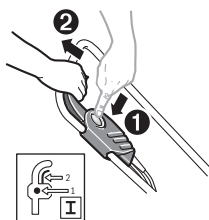
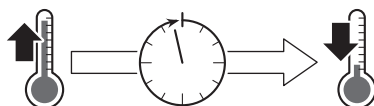
**UniversalRotak 37-560 | 37-565 | 37-570**



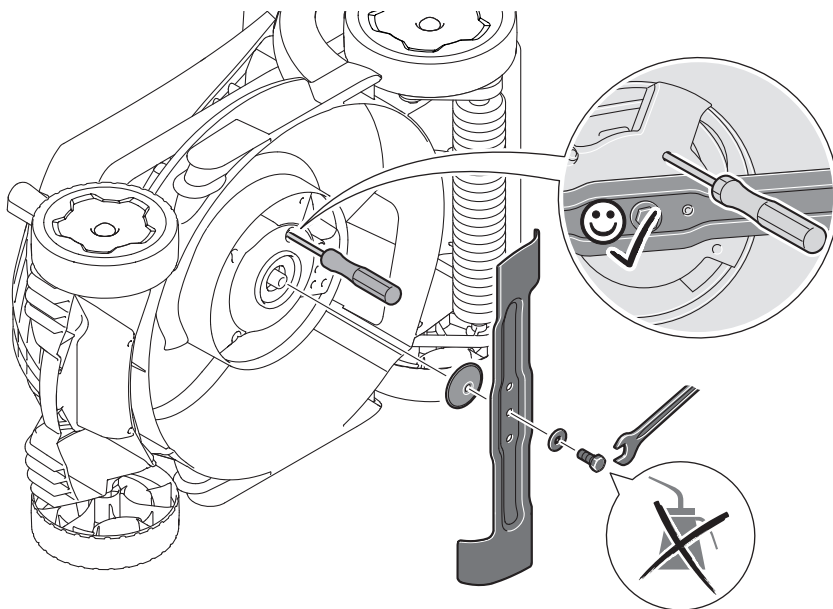
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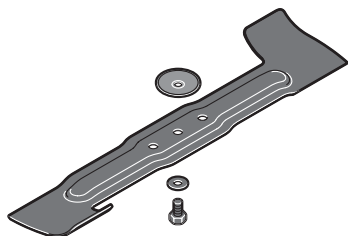


Auto-Stop + 60 sec = Start

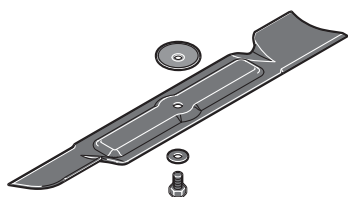


**K**



**L****UniversalRotak 34-410**

F 016 800 271

**UniversalRotak 37-560****UniversalRotak 37-565****UniversalRotak 37-570**

F 016 800 378

# English

## Safety Notes

### Explanation of symbols – lawnmower



General hazard safety alert.



Read instruction manual.



Make sure that bystanders are not injured by foreign objects being thrown away.



WARNING: Keep bystanders away.



WARNING: Keep hands and feet away from the blades.



Not applicable.



Not applicable.



WARNING: Pull the mains plug before any maintenance or if the cord is damaged.



Wait until all machine components have completely stopped before touching them. The blades continue to rotate after the machine is switched off, a rotating blade can cause injury.



Do not expose to rain.



Beware electric shock hazard.



WARNING: Keep the power cord away from the blades.



Do not use a high-pressure washer or a garden hose to clean the machine.



Carefully check the area where the tool is to be used for wildlife and pets. Wildlife and pets may be injured while the machine is in operation. Thoroughly check the working area and remove any stones, sticks, wires, bones and foreign objects. When using the machine, ensure that no wildlife, pets or small tree stumps are hidden in the dense grass.

### General Power Tool Safety Warnings

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

**Save all warnings and instructions for future reference.**

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

#### Work area safety

- ▶ **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- ▶ **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
- ▶ **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

#### Electrical safety

- ▶ **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- ▶ **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- ▶ **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- ▶ **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
- ▶ **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
- ▶ **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

#### Personal safety

- ▶ **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence**

**of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.

- ▶ **Use personal protective equipment. Always wear eye protection.** Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.
- ▶ **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- ▶ **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.
- ▶ **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- ▶ **Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- ▶ **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.
- ▶ **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.

#### Power tool use and care

- ▶ **Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
- ▶ **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- ▶ **Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- ▶ **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 in the hands of untrained users.
- ▶ **Maintain power tools and accessories. 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 caused by poorly maintained power tools.

- ▶ **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- ▶ **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.
- ▶ **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.

#### Service

- ▶ **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.

#### Lawnmower safety warnings

- ▶ **Do not use the lawnmower in bad weather conditions, especially when there is a risk of lightning.** This decreases the risk of being struck by lightning.
- ▶ **Thoroughly inspect the area for wildlife where the lawnmower is to be used.** Wildlife may be injured by the lawnmower during operation.
- ▶ **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.
- ▶ **Before using the lawnmower, always visually inspect to see that the blade and the blade assembly are not worn or damaged.** Worn or damaged parts increase the risk of injury.
- ▶ **Before use, check the supply cord and any extension cord for signs of damage or aging. Do not use the lawnmower if the cord is damaged or worn. If the cord is damaged or worn during use, switch off the lawnmower and do not touch the cord before disconnecting it from the supply.** A damaged supply cord or extension cord may result in electric shock, fire and/or serious injury.
- ▶ **Check the grass catcher frequently for wear or deterioration.** A worn or damaged grass catcher may increase the risk of personal injury.
- ▶ **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.
- ▶ **Keep all cooling air inlets clear of debris.** Blocked air inlets and debris may result in overheating or risk of fire.
- ▶ **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.

- ▶ **While operating the lawnmower, always wear long trousers.** Exposed skin increases the likelihood of injury from thrown objects.
- ▶ **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.
- ▶ **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.
- ▶ **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.
- ▶ **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.
- ▶ **Keep the supply cord away from the cutting blades.** A damaged supply cord may result in electric shock, fire and/or serious injury.
- ▶ **Switch off and remove plug from mains if the cord is entangled or damaged.** Entangled or damaged cords can increase the risk of electric shock.
- ▶ **Do not touch blades and other hazardous moving parts while they are still in motion.** This reduces the risk of injury from moving parts.
- ▶ **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.
- ▶ Do not tilt the machine when starting or switching on the motor.
- ▶ Switch on the motor according to the instructions with feet well away from rotating parts.
- ▶ Do not put hands or feet near or under rotating parts.
- ▶ Always stand clear of the discharge zone when operating the machine.
- ▶ Never pick up or carry the machine while the motor is running.
- ▶ When storing, make sure that all 4 wheels of the garden tool stand on the ground/floor.
- ▶ Only lift the garden tool with the carrying handle. Use the carrying handle with care.
- ▶ **Do not modify the product.** Unauthorized modifications may impair the safety of your product and may result in increased noise and vibration.

### Electrical Safety



Warning: Switch off, remove plug from mains before adjusting, cleaning or if cable is cut, damaged or entangled.

Your machine is double insulated for safety and requires no earth connection. The operating voltage is 230 V AC, 50 Hz (for non-EU countries 220 V, 240 V 50 Hz) Contact your Bosch Service Centre for details. If in doubt contact a qualified electrician or the nearest Bosch Service Centre.

For increased electrical safety use a Residual Current Device (RCD) with a tripping current of not more than 30 mA. Always check your RCD every time you use it.

Keep the supply cables away from moving hazardous parts and avoid damage to the cables; this can lead to contact with live parts.

The connections (plugs and sockets) should be kept dry and off the ground.

The supply cables must be inspected for signs of damage at regular intervals and may only be used if in perfect condition.

If the supply cable on the product is damaged, it must only be replaced by a Bosch Service Centre. Only use approved extension cables.

Use only extension cords, cables, leads, cable reels that comply with EN 61242/IEC 61242 or IEC 60884-2-7.

If you want to use an extension cable when operating your product, only the following cable dimensions should be used:

- Nominal conductor area of 1.25 mm<sup>2</sup> or 1.5 mm<sup>2</sup>
- Maximum length 30 m for a Cord Extension Set or maximum length of 60 m for a Cable Reel with Residual Current Device (RCD).

Note: If an extension cable is used it must be earthed and connected through the plug to the earth cable of your supply network in accordance with prescribed safety regulations.



**WARNING:** Inadequate extension cables can be dangerous. Extension cable, plug and socket must be of watertight construction and intended for outdoor use.

### Additional safety warnings

- ▶ **This tool contains magnets – keep away from implants and other medical devices, e.g. pacemaker or insulin pumps, magnetic storage media and magnetically sensitive devices.** The magnet generates a field that can impair the function of the devices or lead to irreversible data loss.
- ▶ When adjusting the machine, make sure not to pinch your fingers between the moving blades and fixed parts of the machine.
- ▶ Check the product for damage if it hits a hard object or in case of excessive vibration.
- ▶ Always allow the product to cool down before storing.
- ▶ Empty the grassbox before storing.

### Operation

- ▶ We would advise you to wear ear protection for your own convenience.
- ▶ Wait until the blades stop if the machine has to be tilted for transportation when crossing surfaces other than grass and when transporting the machine to and from the area to be mowed.

### ► Products sold in GB only:





Your product is fitted with an BS 1363/A approved electric plug with internal fuse (ASTA approved to BS 1362). If the plug is not suitable for your socket outlets, it should be cut off and an appropriate plug fitted in its place by an authorised customer service agent. The replacement plug should have the same fuse rating as the original plug. The severed plug must be disposed of to avoid a possible shock hazard and should never be inserted into a mains socket elsewhere.






### ► Products that are only sold in AUS and NZ:

Use a residual current device (RCD) with a nominal residual current of 30 mA or less.

## Symbols

The following symbols are important for reading and understanding the original instructions. Please take note of the symbols and their meaning. The correct interpretation of the symbols will help you to use the product in a better and safer manner.

Symbol	Meaning
	Movement direction
	Reaction direction
	Wear protective gloves
	Weight

Symbol	Meaning
	Switching on
	Switching off
	Permitted action
	Prohibited action
CLICK!	Audible noise
	Accessories/Spare Parts

## Product Description and Specifications



**Read all safety warnings and all instructions.** Failure to follow the safety warnings and instructions may result in electric shock, fire and/or serious injury.

Please observe the illustrations at the beginning of this operating manual.

### Intended Use

The garden product is intended for domestic lawn mowing. The garden product is not intended for hedge cutting, trimming, shredding, etc. The garden product is intended for lawn mowing at ground level.

## Technical Data

Lawnmower		UniversalRotak 34-410	UniversalRotak 37-560	UniversalRotak 37-565	UniversalRotak 37-570
Article number		<b>3 600 HA6 1..</b>	<b>3 600 HA6 2..</b>	<b>3 600 HA6 2..</b>	<b>3 600 HA6 2..</b>
Rated power input	W	1 300	1 400	1 400	1 400
Cutting width	cm	34	37	37	37
Height of cut	mm	25 - 70	25 - 70	25 - 70	25 - 70
Grassbox capacity	l	40	40	40	40
Weight according to IEC 62841-1 / IEC 62841-4-3	kg	12.6	13.2	13.2	13.2
Serial number	see type plate on the garden product				
Protection class		□ / II	□ / II	□ / II	□ / II

The specifications apply to a rated voltage [U] of 230 V. These specifications may vary at different voltages and in country-specific models.

When switching on power tools with starting current limitation, the voltage drops briefly. Interference with other equipment may occur in the event of unfavourable conditions in the electricity supply. Malfunctions are not expected if the impedances in the electricity supply are below 0.36 ohms.



## Noise/Vibration Information

		UniversalRotak 34-410	UniversalRotak 37-560	UniversalRotak 37-565	UniversalRotak 37-570
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Typically the A-weighted noise levels of the product are:

Noise emission values determined according to **EN IEC 62841-4-3:2021+A11:2021**

– Sound pressure level	dB(A)	<b>80</b>	<b>75</b>	<b>75</b>	<b>75</b>
– Sound power level	dB(A)	<b>91</b>	<b>88</b>	<b>88</b>	<b>88</b>
– Uncertainty K	dB	<b>= 0.8</b>	<b>= 1.5</b>	<b>= 1.5</b>	<b>= 1.5</b>

Vibration total values ah (triax vector sum) and uncertainty K determined according to **EN IEC 62841-4-3:2021+A11:2021**

– Vibration emission value $a_h$	m/s <sup>2</sup>	<b>&lt; 2.5</b>	<b>&lt; 2.5</b>	<b>&lt; 2.5</b>	<b>&lt; 2.5</b>
– Uncertainty K	m/s <sup>2</sup>	<b>= 1.5</b>	<b>= 1.5</b>	<b>= 1.5</b>	<b>= 1.5</b>

The declared vibration total value(s) and the declared noise emission value(s) have been measured in accordance with a standard test method and may be used for comparing one machine with another.

The declared vibration total value(s) and the declared noise emission value(s) may also be used in a preliminary assessment of exposure.

The vibration and noise emissions during actual use of the machine can differ from the declared total value depending on the ways in which the machine is used; and of the need to identify safety measures to protect the operator that are based on an estimation of exposure in the actual conditions of use (taking account of all parts of the operating cycle such as the times when the machine is switched off and when it is running idle in addition to the trigger time).

## Mounting and Operation

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<b>UniversalRotak 34-410</b>		
Delivery scope <sup>A)</sup>	<b>A2</b>	4
<b>UniversalRotak 37-560   UniversalRotak 37-565   UniversalRotak 37-570</b>		
Wheel assembly	<b>B – C</b>	5
Handle assembly	<b>D1</b>	6
<b>UniversalRotak 34-410</b>		
Handle assembly	<b>D2</b>	7

## Troubleshooting



Problem	Possible Cause	Corrective Action
Motor refuses to start	Power turned off	Turn power on

Action	Figure	Page
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Selecting Accessories	<b>L</b>	12

A) This accessory is not part of the standard scope of delivery.

## Starting Operation

### For Your Safety

- ▶ Before any work on the product, disconnect supply cord from the mains.
- ▶ The blade continues to rotate for a few seconds after the machine is switched off.
- ▶ Caution: Do not touch the rotating blade.

Problem	Possible Cause	Corrective Action
	Mains socket faulty	Use another socket
	Extension cable damaged	Inspect cable, replace if damaged
	Fuse faulty/blown	Replace fuse
	Possible clogging	Check underneath the garden product and clear out as necessary (always wear protective gloves)
	Motor protector has activated	Allow motor to cool and increase height of cut
	Mowing too low for the conditions	Increase height of cut
Garden tool functions intermittently	Extension cable damaged	Inspect cable, replace if damaged
	Internal wiring of machine damaged	Contact Service Agent
	Motor protector has activated	Allow motor to cool and increase height of cut
Machine leaves ragged finish and/or Motor labours	Height of cut too low	Increase height of cut
	Cutting blade blunt	Replace the blade
	Possible clogging	Check underneath the garden product and clear out as necessary (always wear protective gloves)
	Blade fitted upside down	Refit blade correctly
Blade not rotating while garden product switched on	Cutting blade obstructed	Switch garden tool off Clear obstruction (always wear protective gloves)
	Blade nut/bolt loose	Tighten blade nut/bolt (17 Nm) (see figure K)
Excessive vibrations/noise	Blade nut/bolt loose	Tighten blade nut/bolt (17 Nm) (see figure K)
	Cutting blade damaged	Replace the blade (see figure K)

## Maintenance and Service

### Maintenance, Cleaning and Storage

- **Before any work on the product, disconnect supply cord from the mains.**
- **For safe and proper working, always keep the product clean.**

Do not place other objects on the garden product.

To ensure safe and efficient operation, always keep the product and the ventilation slots clean.

Never spray the product with water.

Never immerse the product in water.

Store the product in a secure, dry place, out of the reach of children.

Do not place other objects on the product.

Keep all nuts, bolts and screws tight to ensure safe working with the product.

Inspect the product and replace worn or damaged parts for safety.

Ensure replacement parts fitted are Bosch-approved.

When storing, make sure that all 4 wheels of the garden tool stand on the ground/floor.

**Do not modify this product.** Unauthorized modifications may impair the safety of your product and may result in increased risk of injury.

### After-Sales Service and Application Service

Our after-sales service responds to your questions concerning maintenance and repair of your product as well as spare parts. You can find explosion drawings and information on spare parts at: [www.bosch-pt.com](http://www.bosch-pt.com)

The Bosch product use advice team will be happy to help you with any questions about our products and their accessories.

In all correspondence and spare parts orders, please always include the 10-digit article number given on the nameplate of the product.

#### Great Britain

Robert Bosch Ltd. (B.S.C.)

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At [www.bosch-pt.co.uk](http://www.bosch-pt.co.uk) you can order spare parts or arrange the collection of a product in need of servicing or repair.

Tel. Service: (0344) 7360109

E-Mail: [boschservicecentre@bosch.com](mailto:boschservicecentre@bosch.com)

#### You can find further service addresses at:

[www.bosch-pt.com/serviceaddresses](http://www.bosch-pt.com/serviceaddresses)

### Disposal

The product, accessories and packaging should be sorted for environmental-friendly recycling..



Do not dispose of products into household waste!

**Only for EU countries:**

According to the European Directive 2012/19/EU on Waste Electrical and Electronic Equipment and its implementation into national law, power tools that are no longer usable must be collected separately and disposed of in an environmentally friendly manner.

If disposed incorrectly, waste electrical and electronic equipment may have harmful effects on the environment and human health, due to the potential presence of hazardous substances.

**Only for United Kingdom:**

According to The Waste Electrical and Electronic Equipment Regulations 2013 (SI 2013/3113) (as amended), products that are no longer usable must be collected separately and disposed of in an environmentally friendly manner.