

# **SAFETY AND OPERATING MANUAL**

## **ORIGINAL INSTRUCTIONS**

**Cordless Lawn Mower**  
**WG779E WG779E.X**



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## 1. PRODUCT SAFETY 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.

### 1) Work area safety

- a) Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- b) 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.
- c) Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

### 2) Electrical safety

- a) 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.
- b) 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.
- c) Do not expose power tools to rain or wet**

**conditions.** Water entering a power tool will increase the risk of electric shock.

- d) 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.
  - e) 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.
  - f) 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.
- ### 3) Personal safety
- a) 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.
  - b) Use personal protective equipment. 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.
  - c) 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.
  - d) 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.
  - e) Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
  - f) 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.
  - g) 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.
  - h) 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.
- ### 4) Power tool use and care
- a) 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.

- b) **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.
  - c) **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.
  - d) **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.
  - e) **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.
  - f) **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
  - g) **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.
  - h) **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.
- 5) Battery tool use and care**
- a) **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
  - b) **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
  - c) **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.** Shorting the battery terminals together may cause burns or a fire.
  - d) **Under abusive conditions, liquid may be ejected from the battery; avoid contact.** If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
  - e) **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.

- f) **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperature above 130 °C may cause explosion.
  - g) **Follow all charging instructions and do not charge the battery pack or 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.
- 6) Service**
- a) **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.
  - b) **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorized service providers.

## LAWNMOWER SAFETY WARNINGS

- a) **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.
- b) **Thoroughly inspect the area for wildlife where the lawnmower is to be used.** Wildlife may be injured by the lawnmower during operation.
- c) **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.
- d) **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.
- e) **Check the grass catcher frequently for wear or deterioration.** A worn or damaged grass catcher may increase the risk of personal injury.
- f) **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.
- g) **Keep all cooling air inlets clear of debris.** Blocked air inlets and debris may result in overheating or risk of fire.
- h) **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.
- i) **While operating the lawnmower, always wear long trousers.** Exposed skin increases the likelihood of injury from thrown objects.
- j) **Do not operate the lawnmower in wet grass. Walk,**

# Cordless Lawn Mower WG779E WG779E.X

**never run.** This reduces the risk of slipping and falling which may result in personal injury.





- k) **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.
- l) **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.
- m) **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.
- n) **Do not touch blades and other hazardous moving parts while they are still in motion.** This reduces the risk of injury from moving parts.
- o) **When clearing jammed material or cleaning the lawnmower, make sure all power switches are off and the battery pack is disconnected.** Unexpected operation of the lawnmower may result in serious personal injury.












- j) **After extended periods of storage, it may be necessary to charge and discharge the battery pack several times to obtain maximum performance.**
- k) **Recharge only with the charger specified by Worx. Do not use any charger other than that specifically provided for use with the equipment.**
- l) **Do not use any battery pack which is not designed for use with the equipment.**
- m) **Keep battery pack out of the reach of children.**
- n) **Retain the original product literature for future reference.**
- o) **Remove the battery from the equipment when not in use.**
- p) **Dispose of properly.**
- q) **Do not mix cells of different manufacture, capacity, size or type within a device.**
- r) **Keep the battery away from microwaves and high pressure.**
- s) **Warning! Do not use non-rechargeable batteries.**

## SAFETY WARNINGS FOR BATTERY PACK

- a) **Do not dismantle, open or shred cells or battery pack.**
- b) **Do not short-circuit a battery pack. Do not store battery packs haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by conductive materials.** 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. Shorting the battery terminals together may cause burns or a fire.
- c) **Do not expose battery pack to heat or fire. Avoid storage in direct sunlight.**
- d) **Do not subject battery pack to mechanical shock.**
- e) **In the event of battery leaking, do not allow the liquid to come into contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.**
- f) **Keep battery pack clean and dry.**
- g) **Wipe the battery pack terminals with a clean dry cloth if they become dirty.**
- h) **Battery pack needs to be charged before use. Always refer to this instruction and use the correct charging procedure.**
- i) **Do not maintain battery pack on charge when not in use.**

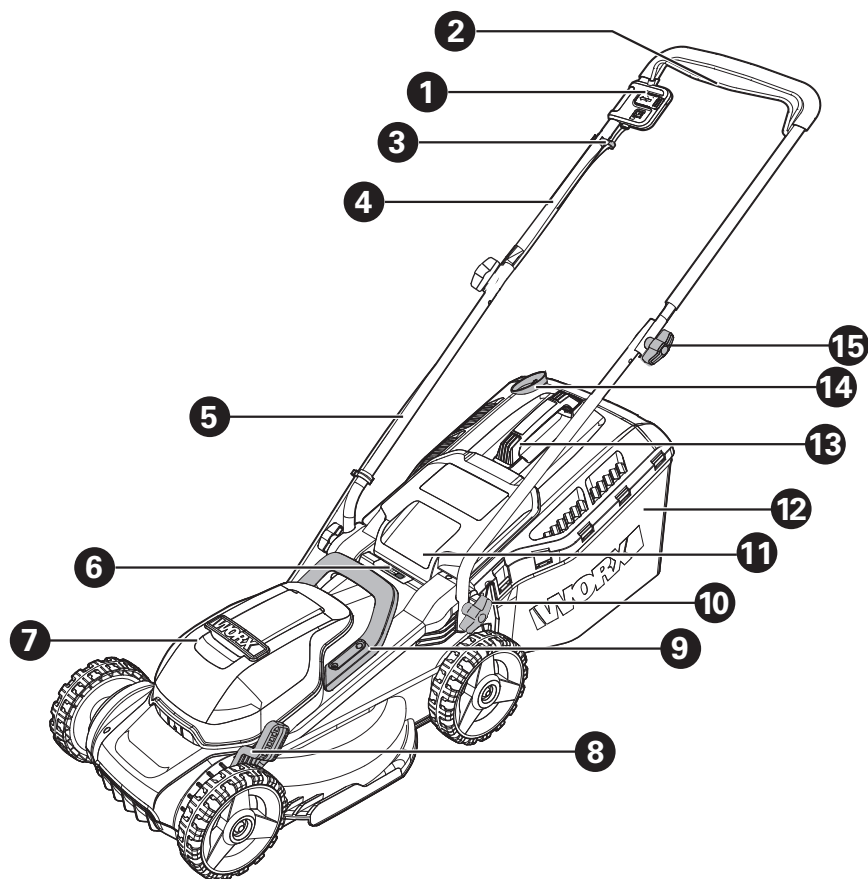
## SYMBOLS

	To reduce the risk of injury, user must read instruction manual
	WARNING – Beware of thrown objects – keep bystanders away
	WARNING – Keep hands and feet away from the blades
	WARNING – Disconnect battery before maintenance
	Waste electrical products must not be disposed of with household waste. Please recycle where facilities exist. Check with your local authorities or retailer for recycling advice.

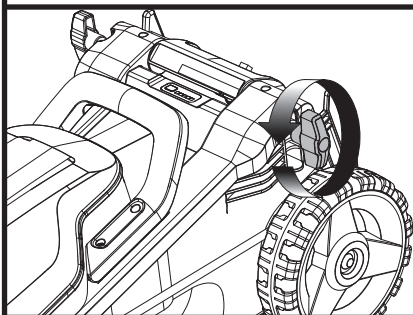
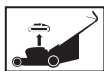
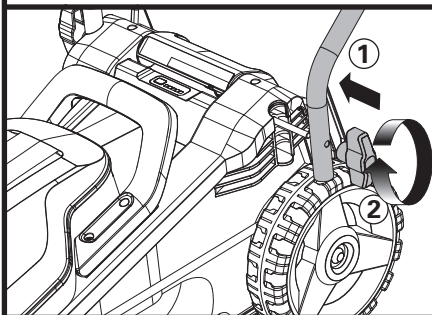
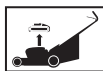
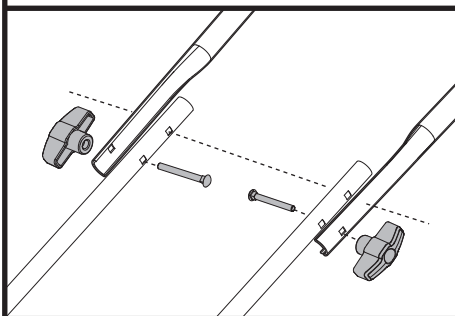
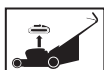
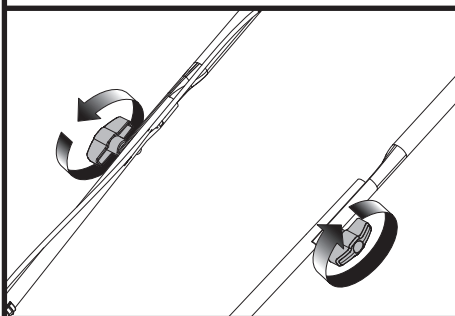
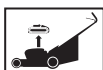
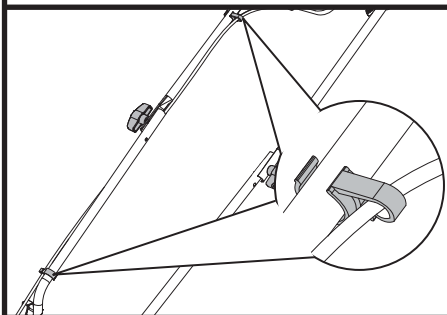
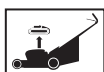
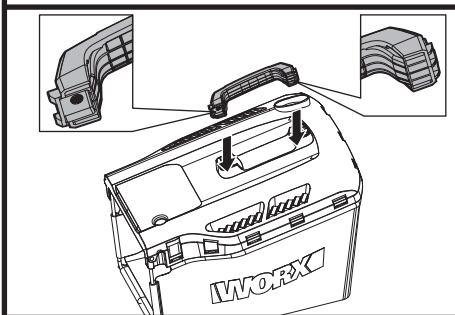
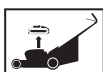
 Li-Ion 	<p>Li-Ion battery This product has been marked with a symbol relating to 'separate collection' for all battery packs and battery pack. It will then be recycled or dismantled in order to reduce the impact on the environment. Battery packs can be hazardous for the environment and for human health since they contain hazardous substances.</p>
 Li-Ion  Li-Ion	
	<p>Do not burn</p>
	<p>Batteries may enter water cycle if disposed improperly, which can be hazardous for ecosystem. Do not dispose of waste batteries as unsorted municipal waste.</p>
	<p>Wear protective gloves.</p>
	<p>Remove battery from the socket before carrying out any adjustment, servicing or maintenance.</p>
 STOP	<p>Blade continues to rotate after the machine is switched off. Wait until all machine components have completely stopped before touching them</p>
	<p>Remove the key</p>
	<p>RCM marking</p>

**ABN:** Australian Business Number. By this number, business information such as entity type, status, business location etc. can be found at website <http://abr.business.gov.au>.  
 ABN of Positec Australia Pty Limited is 14 101 682 357.

# Cordless Lawn Mower WG779E WG779E.X

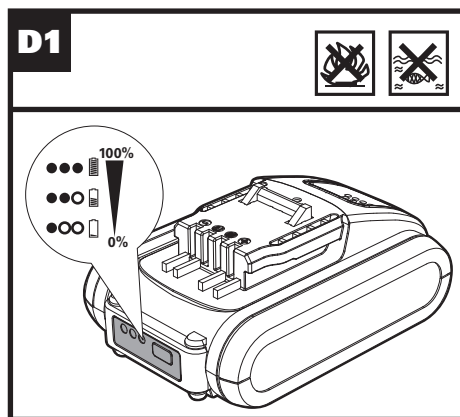
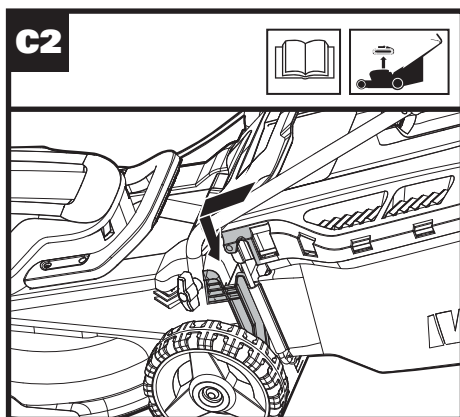
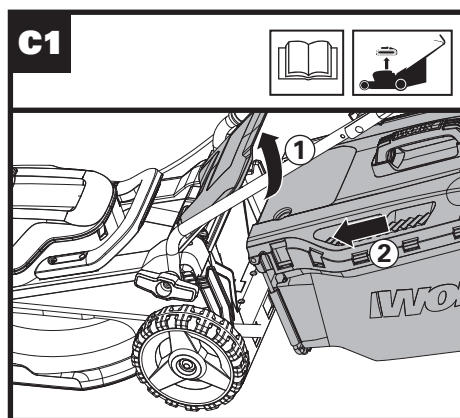
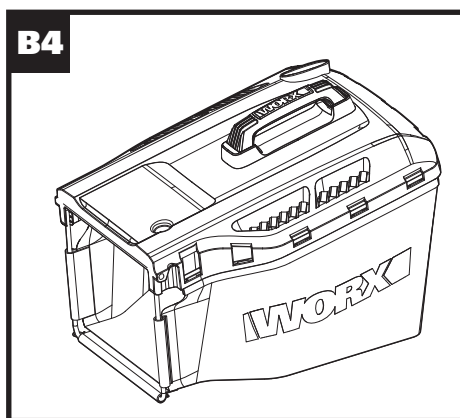
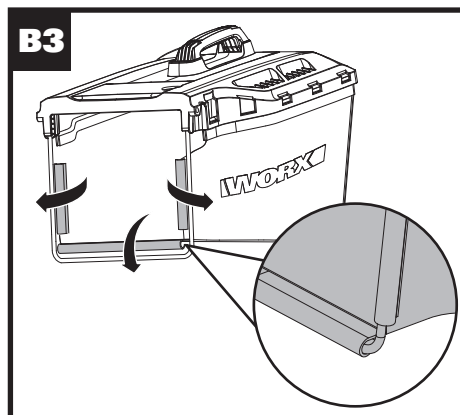
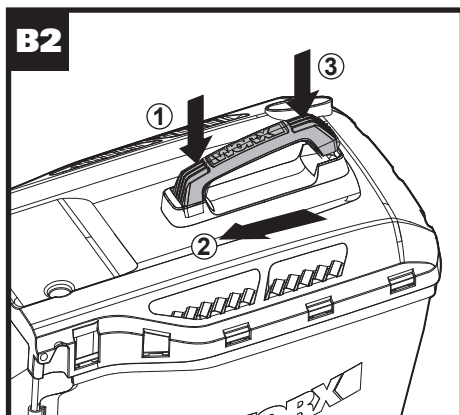


**Cordless Lawn Mower**  
**WG779E WG779E.X**

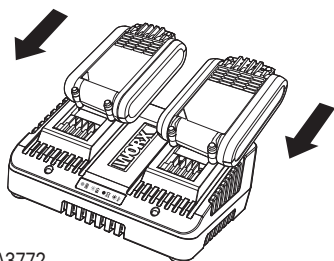
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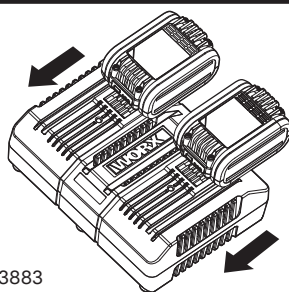




# **Cordless Lawn Mower WG779E WG779E.X**

**D2**

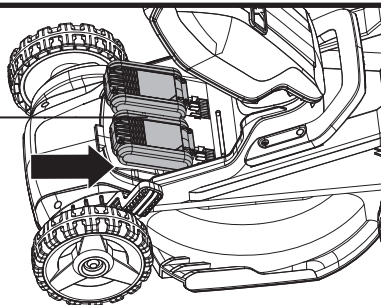
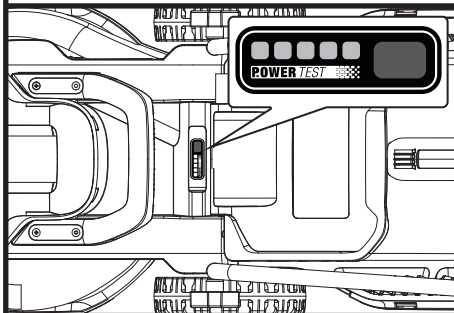
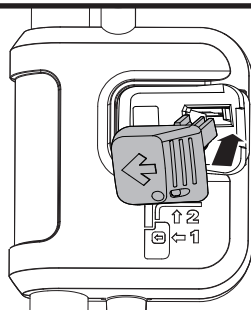
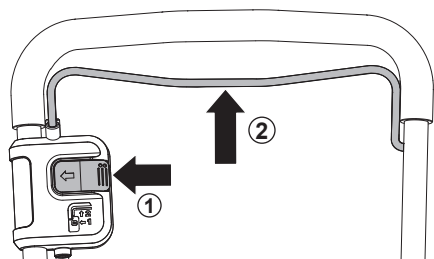
For WA3772

**D3**

For WA3883

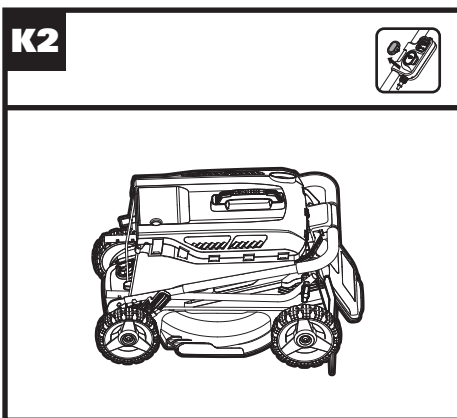
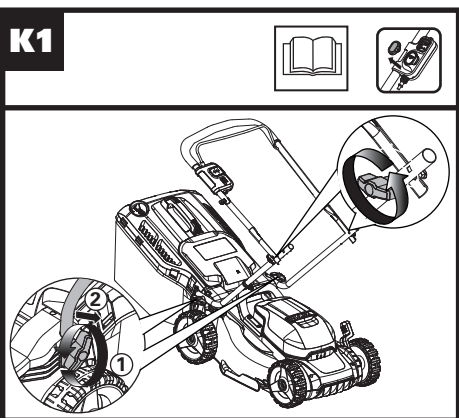
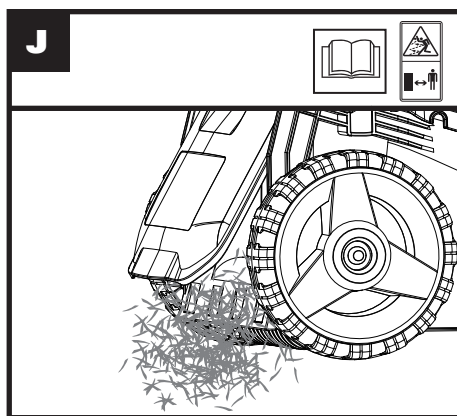
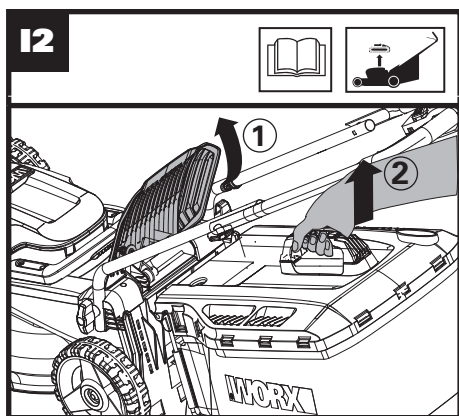
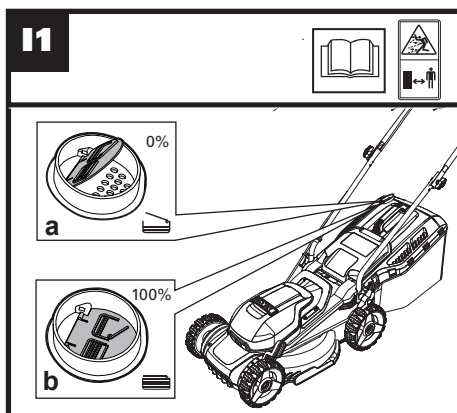
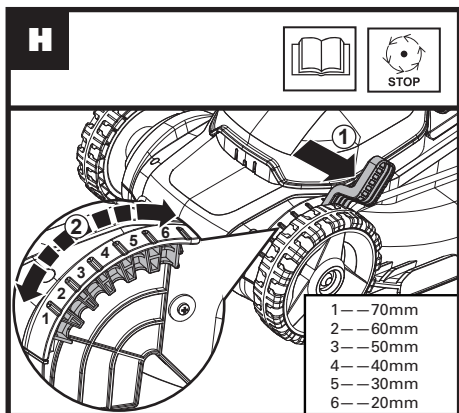
**E**

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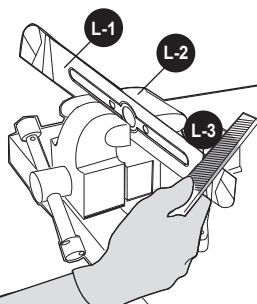
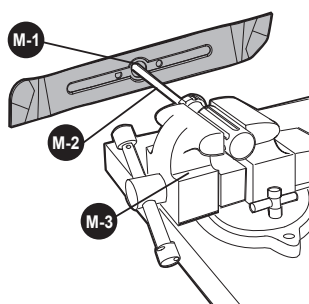
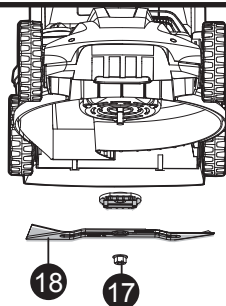
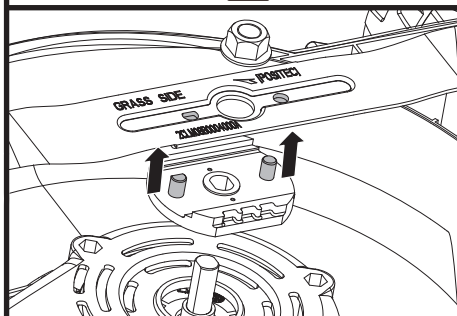
**F****G1****G2**

# Cordless Lawn Mower

## WG779E WG779E.X



# **Cordless Lawn Mower WG779E WG779E.X**

**L****M****N1****N2**

**Cordless Lawn Mower**  
**WG779E WG779E.X**

## 2.COMPONENT LIST

1.	SAFETY KEY
2.	SWITCH LEVER
3.	CABLE CLIP
4.	UPPER HANDLE
5.	LOWER HANDLE
6.	BATTERY POWER INDICATOR
7.	BATTERY PACK COVER
8.	CUTTING HEIGHT ADJUSTMENT KNOB
9.	CARRY HANDLE
10.	HANDLE KNOB, LOWER
11.	SAFETY FLAP
12.	GRASS COLLECTION BAG
13.	BAG HANDLE
14.	GRASS BAG INDICATOR
15.	HANDLE KNOB, UPPER
16.	BATTERY PACK*(SEE FIG. E)
17.	BLADE BOLT (SEE FIG. N1)
18.	BLADE (SEE FIG. N1)

\*Not all the accessories illustrated or described are included in standard delivery.

## 3.TECHNICAL DATA

Type **WG779E WG779E.X (770-789 - designation of machinery, representative of Cordless Lawn Mower)**

	WG779E WG779E.X**
Rated voltage	40V $\approx$ Max. (2x20V Max.)***
No load speed	3300 / 3500/min
Cutting diameter	34cm
Cutting height	20-70mm
Cutting height positions	6
Front wheel diameter	160mm
Rear wheel diameter	180mm
Grass collection capacity	30L
Battery type	Lithium-Ion

Machine Weight (bare tool)	10.4 kg
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\*\* X=1-999, A-Z, M1-M9 there are only used for different customers, there are no safe relevant changes between these models.

\*\*\*Voltage measured without workload. Initial battery voltage reaches maximum of 20 volts. Nominal voltage is 18 volts.

Category	Type	Capacity
20V Battery	WA3551	2.0 Ah
	WA3639	2.0 Ah
	WA3572	2.5 Ah
	WA3640	2.5 Ah
	WA3553	4.0 Ah
	WA3014	4.0 Ah
	WA3644	4.0 Ah
20V Charger	WA3772	2.0 A
	WA3883	4.0 A


We recommend that you purchase your accessories from the same store that sold you the tool. Refer to the accessory packaging for further details. Store personnel can assist you and offer advice.

## NOISE DATA

A weighted sound pressure	$L_{PA}$ : 76.5dB(A) $K_{PA}$ : 3dB(A)
A weighted sound power	$L_{WA}$ : 87.76dB(A) $L_{WA}$ : 3dB(A)
Wear ear protection.	

## VIBRATION INFORMATION

Typical weighted vibration	$a_h$ =3.246m/s <sup>2</sup> uncertainty K=1.5m/s <sup>2</sup>
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 **WARNING:** The vibration emission value during actual use of the power tool can differ from the declared value depending on the ways in which the tool is used dependant on the following examples and other variations on how the tool is used:  
How the tool is used and the materials being cut or

# Cordless Lawn Mower WG779E WG779E.X

drilled.

The tool being in good condition and well maintained  
Using the correct accessory for the tool and ensuring it is sharp and in good condition.

The tightness of the grip on the handles and if any anti vibration accessories are used.

And the tool is being used as intended by its design and these instructions.

**This tool may cause hand-arm vibration syndrome if its use is not adequately managed**



**WARNING:** To be accurate, an estimation of exposure level in the actual conditions of use should also take account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle but not actually doing the job. This may significantly reduce the exposure level over the total working period.

Helping to minimise your vibration exposure risk.

ALWAYS use sharp chisels, drills and blades

Maintain this tool in accordance with these instructions and keep well lubricated (where appropriate)

If the tool is to be used regularly then invest in anti vibration accessories.

Plan your work schedule to spread any high vibration tool use across a number of days.

## 4.INTENDED USE

This product is intended for domestic lawn mowing.

## 5.OPERATION INSTRUCTION



**NOTE:** Read instruction handbook before operation this machine.

### ASSEMBLY AND OPERATION

ACTION	FIGURE
<b>ASSEMBLY</b>	
Assembling the handle bar <b>NOTE:</b> Choose one of the two holes in the lower handle for desired handle's height.	See Fig. A1, A2, A3, A4, A5
Assembling grass collection bag	See Fig. B1, B2, B3, B4
Fitting grass collection bag to the lawn mower <b>NOTE:</b> Depress the grass collection bag slightly to ensure that it is completely installed.	See Fig. C1, C2, C3

Checking the battery charge condition

**NOTE:** Fig. D1 only applies for the battery pack with battery indicator light.

See Fig. D1

Charging the battery pack

**NOTE:** The batteries are shipped uncharged. Each battery must be fully charged before the first mow. Always fully charge the two batteries at same time. More details can be found in charger's manual.

See Fig. D2, D3

Fitting/removing battery

**NOTE: This machine will only run when 2 batteries are installed.**

**Please always use two batteries with the same capacity and fully charge the two batteries.**

**When you use two batteries with different power, the machine will only run to the lower common denominator.**

See Fig. E

### OPERATION

Battery power indicator on the machine  
See details in BATTERY STATUS part

#### IMPORTANT

**When only one light is illuminated, at least one battery is depleted and needs to be charged, even though the mower may still be capable of cutting grass.**

**Continuing to operate your lawnmower with the battery in this discharged condition may reduce the life and performance of your battery.**


**When no light is illuminated, at least one battery is not fully installed or battery may be defective, please double check the batteries are fully seated into position.**

See Fig. F

Starting & stopping

See Fig. G1, G2

Adjusting the Cutting Height

 **WARNING!** Stop, release bail handle and wait until the motor stops before adjusting height. The blades continue to rotate after the machine is switched off, a rotating blade can cause injury. Do not touch rotating blades.

See Fig. H

Grass Bag Filling Indicator  
Empty status: flap floats (a)




See Fig. I1

Fully status: flap falls down (b)





# Cordless Lawn Mower WG779E WG779E.X

Removing/emptying grass collection bag	See Fig. I2
 <b>WARNING!</b> Always check the safety flap close the discharge outlet before using. Never lift the safety flap when the lawn mower is being used without fitted grass collection bag.	
Rear discharge	See Fig. J
STORAGE	See Fig. K1, K2

### BATTERY STATUS (See Fig. F)

Before starting or after use, press the button "POWERTEST" on the machine to check the battery capacity. During operation, the battery capacity will be indicated automatically by the battery power indicator. The indicator constantly senses and displays the battery condition as follows:

Battery power indicator status	Battery condition
Five green lights  are illuminated.	The two batteries are in a highly charged condition.
Two, three or four green lights are illuminated.	The two batteries have a remaining charge. The more lights are illuminated, the more battery capacity.
Only one green light  is illuminated.	At least one battery is almost depleted and needs to be charged.
No light is illuminated.	At least one battery is not fully installed or battery may be defective.
Only one light is flashing twice per cycle.	At least one battery is over discharged (please refer to the battery charge condition), please recharge the two batteries at once before use again or storage.
Only one light is flashing three times per cycle.	At least one battery is hot, wait for them cool down before start again.
Only one light is flashing four times per cycle.	The machine is over load. Raise the cutting height or push slowly.

### MOWING TIPS

**NOTE: ALWAYS INSPECT AREA WHERE MOWER IS TO BE USED AND REMOVE ALL STONES, STICKS, WIRE, METAL AND OTHER DEBRIS WHICH MIGHT BE THROWN BY THE ROTATING BLADE.**

1. Mow across the face of slopes, never up-and-down. Exercise extreme caution when changing direction on slopes. Do not mow excessively steep slopes. Always maintain good footing.

2. Release bail handle to turn mower "OFF" when crossing any gravelled area (stones can be thrown by the blade).
3. Set mower at highest cutting height when mowing in rough ground or in tall weeds. Removing too much grass at one time can cause circuit breaker to trip, which stops mower.
4. If a grass bag is used during the fast growing season, the grass may tend to clog up at the discharge opening. Release bail handle to turn mower "OFF" and remove the safety key. Remove the grass bag and shake the grass down to the back end of the bag. Also clean out any grass or debris which may be packed around the discharge opening. Replace the grass collection bag.
5. If mower should start to vibrate abnormally, release bail handle to turn mower "OFF" and remove safety key. Check immediately for cause. Vibration is a warning of trouble. Do not operate mower until a service check has been made.
6. **ALWAYS RELEASE BAIL HANDLE TO TURN MOWER "OFF" AND REMOVE SAFETY KEY WHEN LEAVING IT UNATTENDED EVEN FOR A SHORT PERIOD OF TIME.**

### CUTTING AREA

The cutting area can be affected by several factors, such as cutting height, lawn humidity, grass length and density. Besides, starting and stopping the mower too many times during operation will reduce the cutting area.

The table below gives the relationship between cutting conditions and cutting area.

Cutting conditions		Cutting area (maximum)		
Grass conditions	Cutting height	2.0 Ah battery	2.5 Ah battery	4.0 Ah battery
Very thin, dry grass	cut 7cm to 5cm	230m <sup>2</sup> *	280m <sup>2</sup> *	460m <sup>2</sup> *
Thin, dry grass	cut 7cm to 3cm	120m <sup>2</sup> *	140m <sup>2</sup> *	230m <sup>2</sup> *

\* Used with two fully charged battery packs.

### TIPS:

- 1) It is recommended to mow your lawn more frequently, walk at normal pace, and not to start/stop the mower too often during operation. Please always use the same two batteries and charge the two batteries at same time.
- 2) For best performance, please ensure use a fully charged battery pack and always cut off 1/3 or less of the grass height.
- 3) Walk slowly when cutting long grass, so as to have more effective cutting and properly discharge the clippings.
- 4) Avoid cutting wet grass, otherwise it will stick to the underside of the deck and the clippings cannot be collected or discharged properly.
- 5) A higher cutting height shall be applied to new or thick grass and it will extend the battery duration.

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## WG779E WG779E.X



## 6. MAINTENANCE



**WARNING: Stop the mower and remove the safety key before removing the grass bag.**

**NOTE:** To ensure long and reliable service, perform the following maintenance procedures regularly. Check for obvious defects such as a loose, dislodged or a damaged blade, loose fittings, and worn or damaged components. Check that the covers and guards are all undamaged and are correctly attached to mower. Carry out any necessary maintenance or repairs before operating mower. If the mower should happen to fail despite regular maintenance, please call our customer helpline for advice.

### BLADE SHARPENING

KEEP BLADE SHARP FOR BEST MOWER PERFORMANCE. WEAR PROPER EYE PROTECTION WHILE REMOVING, SHARPENING, AND INSTALLING BLADE. ENSURE THAT SAFETY KEY IS REMOVED.

Sharpening the blade twice during a mowing season is usually sufficient under normal circumstances. Sand causes the blade to dull quickly. If your lawn has sandy soil, more frequent sharpening may be required. REPLACE BENT OR DAMAGED BLADE IMMEDIATELY.

### WHEN SHARPENING THE BLADE:

1. Make sure blade remains balanced.
2. Sharpen blade at the original cutting angle.
3. Sharpen cutting edges on both ends of blade, removing equal amounts of material from both ends.

**NOTE:** 1. Be sure the mower is turned off and remove the key.

2. Place the mower in stand up storage mode.

### TO SHARPEN BLADE IN A VISE (SEE Fig. L)

1. Be sure the bail handle is released, the blade has stopped and the safety key removed before removing the blade.
2. Remove blade from mower. See instructions for removing and attaching blade.
3. Secure blade L-1 in a vise L-2.
4. Wear safety glasses and be careful not to cut yourself.
5. Carefully file the cutting edges of the blade with a fine tooth file L-3 or sharpening stone.
6. Check balance of blade. See instructions for blade balancing.
7. Replace blade on mower and tighten securely. Refer to instructions below.

### BLADE BALANCING (SEE Fig. M)

Check balance of blade by placing center hole in blade M-1 over a nail or screwdriver shank M-2, clamped horizontally in a vise M-3. If either end of the blade rotates downward, file that end. Blade is properly balanced when neither end drops.

### BLADE MAINTENANCE (See Fig. N1, N2)

Renew your metal blade after 50 hours mowing or 2 years, whichever is the sooner-regardless of condition.

Follow these procedures to remove and replace the blade. You will need garden gloves (not provided) and a spanner wrench (not provided) to remove the blade. Hold the blade (18) and unscrew the blade bolt (17) counter-clockwise

using a spanner wrench, and then remove blade.

To re-assemble, position the blade (18) with the cutting edges towards the ground. Then securely tighten the blade bolt (17).

### FOR BATTERY TOOLS

The ambient temperature range for the use and storage of tool and battery is 0°C-45°C.

The recommended ambient temperature range for the charging system during charging is 0°C-40°C.

## 7. STORAGE (See Fig. K1, K2)

Stop the mower and always remove the safety key. Clean the exterior of the machine thoroughly using a soft brush and cloth. Do not use water, solvents or polishes. Remove all grass and debris, especially from the ventilation slots. Turn the machine on its side and clean the blade area. If grass cuttings are compacted in the blade area, remove with a wooden or plastic implement.

Store the machine in a dry place. Do not place other objects on top of the machine.

To aid storage, release the handle knob, and fold the upper handle as shown in Fig. K1 & K2.

## 8. ENVIRONMENTAL PROTECTION



Waste electrical products must not be disposed of with household waste. Please recycle where facilities exist. Check with your local authorities or retailer for recycling advice.

**Positec Australia Pty Limited**

**10 Corporate Blvd Bayswater, VIC 3153, Australia**

**Cordless Lawn Mower  
WG779E WG779E.X**



## 9. TROUBLESHOOTING

Problem	Solution
1. Mower doesn't run when bail handle is activated.	A. Check to make sure safety key has been installed and is fully seated and that button on switch housing is being completely pushed. B. Release bail handle to turn mower off. Remove safety key, turn mower over and check that blade is free to turn. If not free, return to an authorized servicer. Blade should turn freely. C. Has battery been fully charged? Plug in charger and wait for green light to come on.
2. Motor stops while mowing.	A. Release bail handle to turn mower off. Remove safety key, turn mower over and check that blade is free to turn. If not free, return to an authorized servicer. Blade should turn freely. B. Raise cutting height of wheels to highest position and start mower. C. Has battery been fully charged? Plug in charger and wait for green light to come on. D. Avoid overloading the mower. Slow down the cutting pace by pushing mower slower or raise the cut height. Or both.
3. Mower runs but cutting performance is unsatisfactory, or does not cut entire lawn.	A. Has battery been fully charged? Plug in charger and wait for green light to come on. B. Release bail handle to turn mower off. Remove safety key. Turn mower over and check: Blade for sharpness - Keep blade sharp. Deck and discharge chute for clogging. C. Wheel height adjustment may be set too low for grass condition. Raise cutting height.
4. Mower is too hard to push.	A. Raise cutting height to reduce deck drag on grass. Check each wheel for free rotation.
5. Mower is abnormally noisy and vibrates.	A. Release bail handle to turn mower off. Remove safety key. Turn mower on side and check blade to ensure it has not been bent or damaged. If blade is damaged, replace with a replacement blade. If the underside of the deck is damaged return mower to an Authorized service center. B. If there is no visible damage to the blade and the mower still vibrates: Release bail handle to turn mower off, remove safety key and remove blade. Rotate blade 180 degrees and retighten. If mower still vibrates, return the mower to an authorized service center.
6. Battery charger LED's not on.	A. Check plug connection. B. Replace charger.
7. Battery charger LED does not flip to green.	A. Battery needs to be diagnosed. Take to authorized service center.
8. Mower not picking up clippings with the Grass Collection Bag.	A. Remove mulch plate when bagging. B. Chute clogged. Release bail handle to turn mower off. Remove safety key. Clear chute of grass clippings. C. Too much cut grass. Raise cutting height of wheels to shorten length of the cut. D. Bag full. Empty bag more often.
9. When mulching there are clippings visible.	A. Too much cut grass. Raise cutting height of wheels to shorten length of the cut. Do not cut off more than 1/3 of total length. B. Check blade for sharpness. Always keep blade sharp.
10. Low or diminished run-time after many uses.	A. Return to Authorized Service location - may need new battery.
11. The battery charger LED flashes red and the battery can't be charged.	A. The battery overheats after continuous use. Remove battery from the charger and allow it to cool to 42°C or less.

# 10.DECLARATION OF CONFORMITY

We,  
Positec Germany GmbH  
Postfach 680194, 50704 Cologne, Germany

On behalf of Positec declare that the product  
Description: **Worx Cordless Lawn Mower**  
Type: **WG779E WG779E.X (770-789 - designation of machinery, representative of Cordless Lawn Mower)**  
Function: **Mowing grass**

Complies with the following Directives,  
**2006/42/EC**  
**2014/30/EU,**  
**2011/65/EU&(EU)2015/863**  
**2000/14/EC amended by 2005/88/EC**

**2000/14/EC amended by 2005/88/EC**  
Conformity assessment procedure as per  
**Annex VI**  
Measured Sound Power Level **87.76dB(A)**  
Declared Guaranteed Sound Power Level  
**90dB(A)**

The notified body involved  
**Name: Intertek Testing & Certification Ltd (notified body 0359)**  
**Address: Davy Avenue, Knowlhill, Milton Keynes, MK5 8NL**

Standards conform to,  
**EN 62841-1,**  
**EN IEC 62841-4-3,**  
**EN ISO 3744,**  
**EN IEC 55014-1,**  
**EN IEC 55014-2,**  
**EN IEC 63000**

The person authorized to compile the technical file,  
**Name: Marcel Filz**  
**Address: Positec Germany GmbH**  
**Postfach 680194, 50704 Cologne, Germany**



2023/07/26  
Allen Ding  
Deputy Chief Engineer, Testing & Certification  
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# Cordless Lawn Mower WG779E WG779E.X

# DECLARATION OF CONFORMITY

We,

Positec (UK & Ireland) Ltd.,  
PO Box 6242, Newbury, RG14 9LT, UK

On behalf of Positec declare that the product

Description: **Worx Cordless Lawn Mower**

Type: **WG779E WG779E.X (770-789 - designation of machinery, representative of Cordless Lawn Mower)**

Function: **Mowing grass**

Complies with the following regulations,

**Supply of Machinery (Safety) Regulations 2008**

**Electromagnetic Compatibility Regulations 2016**

**The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations**

**Noise Emission in the Environment by Equipment for Use Outdoors Regulations**

Conformity assessment procedure as per

**SCHEDULE 9**

Measured Sound Power Level **87.76dB(A)**

Declared Guaranteed Sound Power Level

**90dB(A)**

The notified body involved

**Name: Intertek Testing & Certification Ltd (notified body 0359)**

**Address: Davy Avenue, Knowlhill, Milton Keynes, MK5 8NL**

Standards conform to,

**BS EN 62841-1,**

**BS EN 62841-4-3,**

**BS EN ISO 3744,**

**BS EN IEC 55014-1,**

**BS EN IEC 55014-2,**

**BS EN IEC 63000**

The person authorized to compile the technical file,

**Name: Jim Kirkwood**

**Address: Positec (UK & Ireland) Ltd.,  
PO Box 6242, Newbury, RG14 9LT, UK**



2023/07/26

Allen Ding

Deputy Chief Engineer, Testing & Certification

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