

SAFETY AND OPERATING MANUAL ORIGINAL INSTRUCTIONS

WG743E WG743E.X Cordless Lawn mower

PRODUCT SAFETY GENERAL SAFETY WARNINGS

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

Carefully read the instructions for the safe operation of the machine. Save all warnings and instructions for future reference.

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- The appliance is only to be used with the power supply unit provided with the appliance.

IMPORTANT READ CAREFULLY BEFORE

USE KEEP FOR FUTURE REFERENCE

Safe operation practices for electrically powered lawnmowers

Training

- a)read the instructions carefully. Be familiar with the controls and the proper use of the equipment;
- b)never allow children or people unfamiliar with these instructions to use the lawnmower. Local regulations can restrict the age of the operator;
- c) never mow while people, especially children, or pets are nearby;
- d)keep in mind that the operator or user is responsible for accidents or hazards occurring to other people or their property.

Preparation

- a) While mowing, always wear substantial footwear and long trousers. Do not operate the equipment when barefoot or wearing open sandals;
- b) thoroughly inspect the area where the equipment is to be used and remove

- all objects which can be thrown by the machine;
- c) Before using, always visually inspect to see that the blades, blade bolts and cutter assembly are not worn or damaged. Replace worn or damaged blades and bolts in sets to preserve balance. Replace damaged and unreadable labels.
- d) On multi-bladed machines, take care as rotating one blade can cause other blades to rotate.

Operation

- a)mow only in daylight or in good artificial light;
- b)avoid operating the equipment in wet grass, where feasible;
- c) always be sure of your footing on slopes;
- d)walk, never run;
- e)for wheeled rotary machines, mow across the face of slopes, never up and down; mow across the face of slopes, never up and down.
- f) exercise extreme caution when changing direction on slopes;
- g)do not mow excessively steep slopes;
- h)use extreme caution when reversing or pulling the

- lawnmower towards you;
- i) stop the blade(s) if the lawnmower has to be tilted for transportation when crossing surfaces other than grass, and when transporting the lawnmower to and from the area to be mowed;
- j) never operate the lawnmower with defective guards, or without safety devices, for example deflectors and/or grass catchers, in place;
- k) switch on the motor carefully according to instructions and with feet well away from the blade(s);
- I) do not tilt the lawnmower when switching on the motor, except if the lawnmower has to be tilted for starting. In this case, do not tilt it more than absolutely necessary and lift only the part which is away from the operator;
- m)do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times;
- n)not to touch the blades before the disabling device has been removed and the blades have come to a complete stop;
- o)Do not start the lawnmower

- when standing in front of the discharge opening.
- p)Do not transport the lawnmower while the power source is running.
- q)Stop the lawnmower,and remove the disabling device. Make sure that all moving parts have come to a complete stop.
- whenever leaving the machine unattended,
- before clearing a blockage,
- before checking, cleaning or working on the machine,
- after striking a foreign object. Inspect the machine for damage and make repairs before restarting and operating the lawnmower If the lawnmower starts to vibrate abnormally (check immediately)
- inspect for damage.
- replace or repair any damaged parts.
- check and tighten any loose parts.

Maintenance and storage

- a)keep all nuts, bolts and screws tight to be sure the equipment is in safe working condition;
- b) check the grass cacher frequently for wear or deterioration;
- c)replace worn or damaged

- parts for safety. Use only genuine replacement parts and accessories.
- d)Be careful during adjusting of the lawnmower to prevent entrapment of the fingers between moving blades and fixed parts of the lawnmower.
- e)Always allow the lawwnmower to cool down before storing.
- f) When servicing the blades be aware that, even though the power source is switched off, the blades can still be moved.
- g)For rotary mowers, ensure that only replacement cutting means of the right type are used.

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.
- 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.
- 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.

Read instruction handbook before operation this machine



Keep bystanders away.



Beware of sharp blades. Blades continue to rotate after the motor is switched off- Remove disabling device 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-lon 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.





Do not burn



Batteries may enter water cycle if disposed improperly, which can be hazardous for ecosystem. Do not dispose of waste batteries as unsorted municipal waste.



Wear protective gloves.



Remove battery from the socket before carrying out any adjustment, servicing or maintenance.



Blade continues to rotate after the machine is switched off. Wait until all machine components have completely stopped before touching them

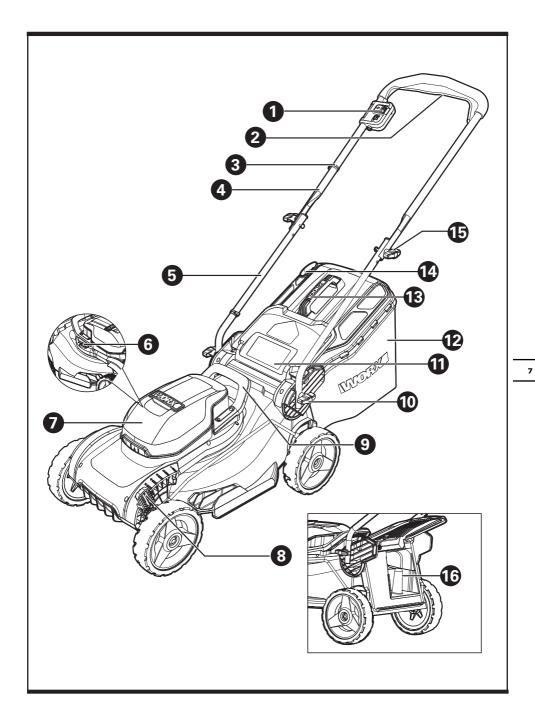


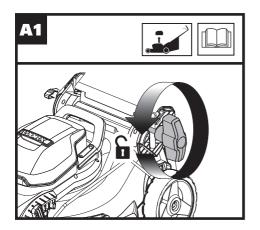
Remove the key

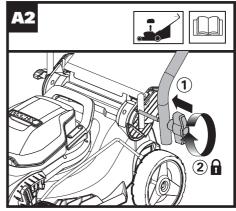


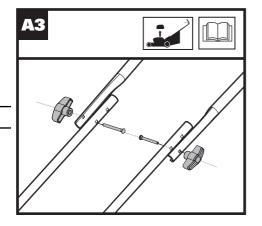
RCM marking

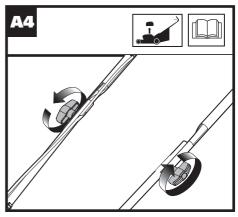
ABN: Australian Business Number. By this number, business information such as entity type, status, business location etc. can be found at website http://abr.business.gov.au. ABN of Positec Australia Ptv Limited is 14 101 682 357

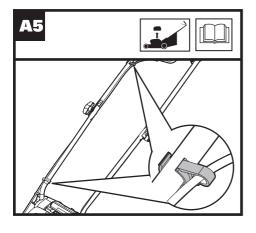


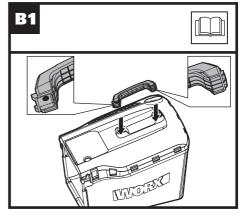


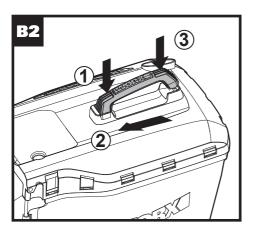


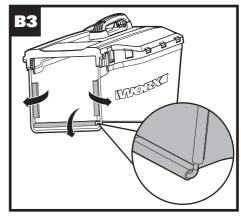




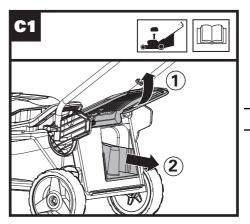


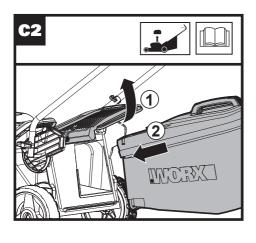


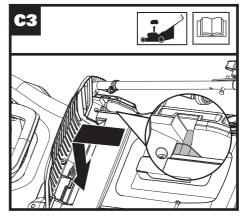


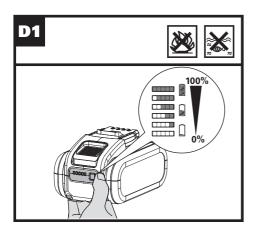


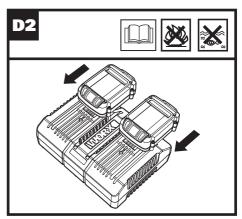


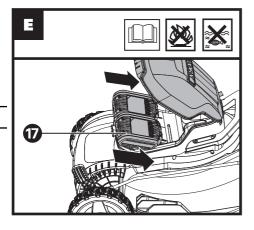


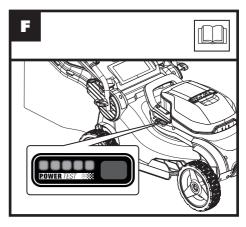


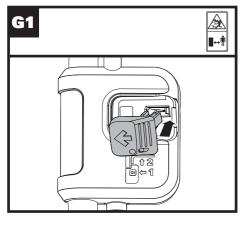






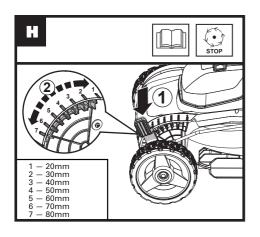


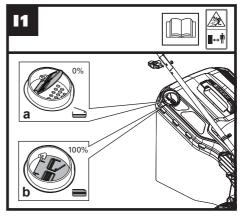


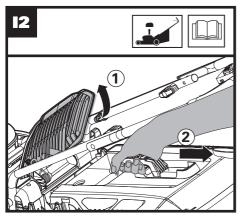


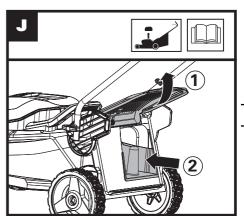


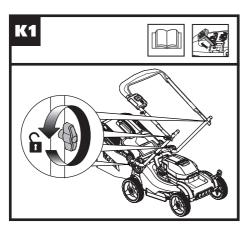


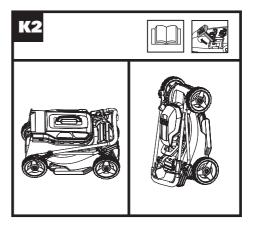


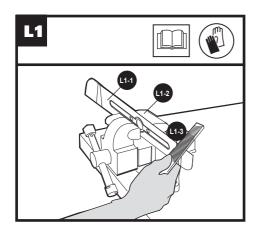


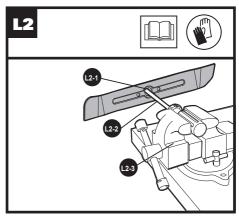


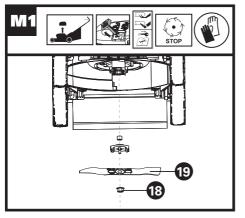


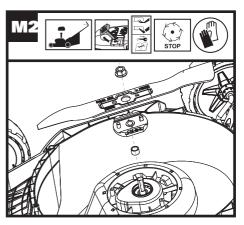












COMPONENT LIST

_	
1.	SAFETY KEY
2.	BAIL HANDLE
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.	MULCHING INSERT
17.	BATTERY PACK (SEE FIG. E) *

TECHNICAL DATA

BLADE BOLT (SEE FIG. N1)
BLADE (SEE FIG. N1)

18.

19.

Type WG743E WG743E.X (740-789 - designation of machinery, representative of Cordless Lawn Mower)

	WG743E WG743E.X **
Voltage	40V === Max.(2x20V Max.)***
No load speed	2800 / 3000 /min
Deck diameter	43cm
Cutting diameter	40cm
Front wheel diameter	180mm

Rear wheel diameter	190mm
Cutting height	20mm-80mm
Cutting height positions	7
Grass collection capacity	45L
Battery type	Lithium-ion
Machine Weight (bare tool)	13.9kg

^{**}X=1-999, A-Z, M1-M9 are only used for different customers, there are no safe relevant changes between these models.

SUGGESTED BATTERIES AND CHARGERS

Category	Model	Capacity	
001/10-11-11-1	WA3553	4.0 Ah	
20V Battery	WA3014	4.0 Ah	
	WA3760	0.4 A	
	WA3860	2.0 A	
20V Charger	WA3880	2.0 A	
	WA3772	2.0 A	
	WA3883	4.0 A	

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

NOISE DATA

Wear ear protection	
K _{wA}	3 dB (A)
A weighted sound power	$L_{WA} = 89.3 dB(A)$
K _{DA}	3 dB (A)
A weighted sound pressure	L _{wA} = 75dB(A)

WG743E WG743E.X Cordless Lawn mower

^{*}Not all the accessories illustrated or described are included in standard delivery.

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

VIBRATION INFORMATION

Typical weighted vibration	$a_h < 2.5 m/s^2$
Uncertainty	$K = 1.5 \text{ m/s}^2$

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 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 antivibration 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.

OPERATION INSTRUCTION



NOTE: : To reduce the risk of injury, user must read instruction manual.

Intended Use

This product is intended for domestic lawn mowing.

ASSEMBLY AND OPERATION

ACTION	FIGURE
ASSEMBLY	

Assembling the handle bar NOTE: 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 NOTE: Depress the grass collection bag slightly to ensure that it is completely installed. NOTE: Take the mulching insert out of the lawn mower before fitting the grass collection bag.	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
Fitting/removing battery NOTE: • This machine will only run when 2 batteries are installed. It is recommended to use the same two batteries and charge the two batteries at the same time. • Using two different sized batteries or if one battery isn't fully charged then the machine will only run to the lowest 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	See Fig. F

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.

Starting & stopping	See Fig. G1, G2
Adjusting the Cutting Height	See Fig. H
Grass bag filling indicator Empty status: flap floats (a)	
	See Fig. I1
Fully status: flap falls down (b)	
Removing/emptying grass collection bag	
warning! 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.	See Fig. I2
Installing the mulching insert	See Fig. J
Storage WARNING: Always remove the battery and safety key when inverted storage.	See Fig. K1, K2

BATTERY STATUS (See Fig. F)

Before starting or after use, press the button beside the power indicator light 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.

For the machine with 2 battery packs with different power, the power indicator light displays the battery condition with the lower one of the two batteries.

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.

- Mow across the face of slopes, never up-anddown. Exercise extreme caution when changing direction on slopes. Do not mow excessively steep slopes. Always maintain good footing.
- Release bail handle to turn mower "OFF" when crossing any graveled area (stones can be thrown by the blade).
- 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.
- 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.
- 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 below table provides the potential cutting areas based on specific cutting conditions.

Cutting Height	Recommend lot size (maximum)
Cutting off 8cm to 6cm	With 2*20V / 4.0Ah batteries
g an area	up to 500m² *

^{*} Used with two fully charged battery packs.

TIPS:

- 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.
- For best performance, please ensure use a fully charged battery pack and always cut off 1/3 or less of the grass height.
- Walk slowly when cutting long grass, so as to have more effective cutting and properly discharge the clippings.
- Avoid cutting wet grass, otherwise it will stick to the underside of the deck and the clippings cannot be collected or discharged properly.
- A higher cutting height shall be applied to new or thick grass and it will extend the battery duration.

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:

- I. Be sure the mower is turned off and remove the
- 2. Place the mower in stand up storage mode.

TO SHARPEN BLADE IN A VISE (SEE Fig.L1)

- 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 L1-1 in a vise L1-2.
- 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 L1-3 or sharpening stone.
- 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.L2)

Check balance of blade by placing center hole in blade L2-1 over a nail or screwdriver shank L2-2, clamped horizontally in a vise L2-3. If either end of the blade rotates downward, file that end. Blade is properly balanced when neither end drops.

BLADE MAINTENANCE (SEE FIG. M1, M2)

Renew your metal blade after 50 hours mowing or 2 years, which ever 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 (19) and unscrew the blade bolt (18) counter-clockwise using a spanner wrench, and then remove blade.

To re-assemble, position the blade (19) with the cutting edges towards the ground. Then securely tighten the blade bolt (18).

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 Lock Cam Lever, and fold the upper handle as shown in Fig.K1, K2.

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

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battery can't be charged.

DECLARATION OF CONFORMITY

We

Positec Germany GmbH Postfach 32 02 16, 50796 Cologne, Germany

On behalf of Positec declare that the product Description Worx Cordless Lawn Mower Type WG743E WG743E.X (740-789 - 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 **89.3 dB(A)**Declared Guaranteed Sound Power Level **92 dB(A)**

The notified body involved

Name: Intertek Testing & Certification Ltd

(notified body 0359)

Address: Davy Avenue, Knowlhill, Milton Keynes,

MK58NL

Standards conform to,

EN 60335-1, EN 60335-2-77, EN 62233, EN ISO 3744, EN 55014-1, EN 55014-2

The person authorized to compile the technical file,

Name: Marcel Filz

Address: Positec Germany GmbH

Postfach 32 02 16, 50796 Cologne, Germany

2022/01/18 Allen Ding

Allen Ding
Deputy Chief Engineer, Testing & Certification
Positec Technology (China) Co., Ltd
18, Dongwang Road, Suzhou Industrial
Park, Jiangsu 215123, P. R. China

DECLARATION OF CONFORMITY

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 WG743E, WG743E.X (740-789 - 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 89.3 dB(A) Declared Guaranteed Sound Power Level 92 dB(A)

The notified body involved

Name: Intertek Testing and Certification Ltd Address: Academy Place,1-9 Brook Street, Brentwood, Essex, CM14 5NQ, United Kingdom

Standards conform to,

BS EN 60335-1, BS EN 60335-2-77, BS EN 62233. BS EN ISO 3744. BS EN 55014-1, BS EN 55014-2

The person authorized to compile the technical file.

Name: Jim Kirkwood

Address: Positec (UK & Ireland) Ltd PO BOX 6242. Newburv. RG14 9LT. UK



2022/01/18 Allen Dina Deputy Chief Engineer, Testing & Certification Positec Technology (China) Co., Ltd 18. Dongwang Road, Suzhou Industrial Park, Jiangsu 215123, P. R. China



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