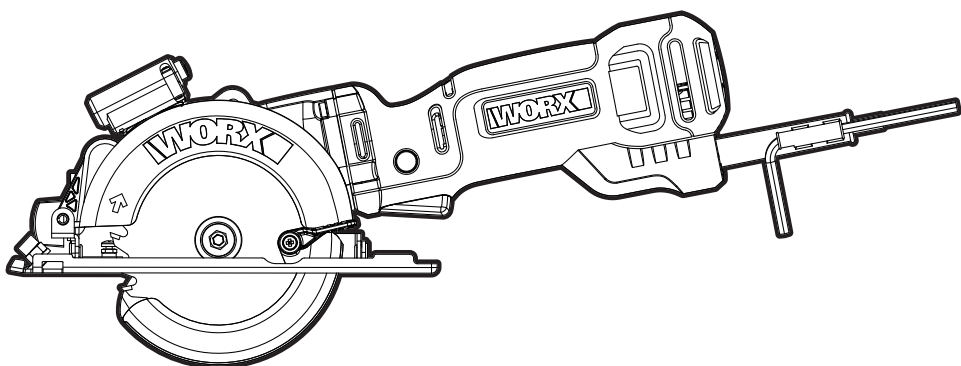


WORX



**HIGH
INTENSITY
MOTOR**

SAFETY AND OPERATING MANUAL ORIGINAL INSTRUCTIONS

Compact Circular Saw

**WX437
WX437.X**

PRODUCT SAFETY

GENERAL POWER TOOL

SAFETY WARNINGS



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

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, clothing and gloves 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 the battery pack 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. 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**

Compact Circular Saw

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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) 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.

SAFETY INSTRUCTIONS FOR ALL SAWS

Cutting procedures

- a)  DANGER: Keep hands away from cutting area and the blade.** If both hands are holding the saw, they cannot be cut by the blade.
- b) Do not reach underneath the workpiece.** The guard cannot protect you from the blade below the workpiece.
- c) Adjust the cutting depth to the thickness of the workpiece.** Less than a full tooth of the blade teeth should be visible below the workpiece.
- d) Never hold the workpiece in your hands or across your leg while cutting. Secure the workpiece to a stable platform.** It is important to support the work properly to minimise body exposure, blade binding, or loss of control.
- e) Hold the power tool by insulated gripping surfaces, when performing an operation where the cutting tool may contact hidden wiring or its own cord.** Contact with a "live" wire will also make exposed metal parts of the power tool "live" and could give the operator an electric shock.
- f) When ripping, always use a rip fence or straight edge guide.** This improves the accuracy of cut and reduces the chance of blade binding.
- g) Always use blades with correct size and shape (diamond versus round) of arbour holes.** Blades that do not match the mounting hardware of the saw will run off-centre, causing loss of control.
- h) Never use damaged or incorrect blade washers or bolt.** The blade washers and bolt were specially designed for your saw, for optimum performance and safety of operation.

FURTHER SAFETY INSTRUCTIONS FOR ALL SAWS

Kickback causes and related warnings

—kickback is a sudden reaction to a pinched, jammed or misaligned saw blade, causing an uncontrolled saw to lift up and out of the workpiece toward the operator; —when the blade is pinched or jammed tightly by

the kerf closing down, the blade stalls and the motor reaction drives the unit rapidly back toward the operator; —if the blade becomes twisted or misaligned in the cut, the teeth at the back edge of the blade can dig into the top surface of the wood causing the blade to climb out of the kerf and jump back toward the operator. Kickback is the result of saw misuse and/or incorrect operating procedures or conditions and can be avoided by taking proper precautions as given below.

- a) Maintain a firm grip on the saw and position your arms to resist kickback forces. Position your body to either side of the blade, but not in line with the blade.** Kickback could cause the saw to jump backwards, but kickback forces can be controlled by the operator, if proper precautions are taken.
- b) When blade is binding, or when interrupting a cut for any reason, release the trigger and hold the saw motionless in the material until the blade comes to a complete stop. Never attempt to remove the saw from the work or pull the saw backward while the blade is in motion or kickback may occur.** Investigate and take corrective actions to eliminate the cause of blade binding.
- c) When restarting a saw in the workpiece, centre the saw blade in the kerf so that the saw teeth are not engaged into the material.** If a saw blade binds, it may walk up or kickback from the workpiece as the saw is restarted.
- d) Support large panels to minimise the risk of blade pinching and kickback. Large panels tend to sag under their own weight.** Supports must be placed under the panel on both sides, near the line of cut and near the edge of the panel.
- e) Do not use dull or damaged blades.** Unsharpened or improperly set blades produce narrow kerf causing excessive friction, blade binding and kickback.
- f) Blade depth and bevel adjusting locking levers must be tight and secure before making the cut.** If blade adjustment shifts while cutting, it may cause binding and kickback.
- g) Use extra caution when sawing into existing walls or other blind areas.** The protruding blade may cut objects that can cause kickback.

SAFETY INSTRUCTIONS FOR CIRCULAR SAW WITH INNER PENDULUM GUARD

Lower guard function

- a) Check the lower guard for proper closing before each use. Do not operate the saw if the lower guard does not move freely and close instantly. Never clamp or tie the lower guard into the open position. If the saw is accidentally dropped, the lower guard may be bent.** Raise the lower guard with the retracting handle and make sure it moves freely and does not touch the blade or any other part, in all angles and depths of cut.
- b) Check the operation of the lower guard spring. If the guard and the spring are not operating**

properly, they must be serviced before use.

Lower guard may operate sluggishly due to damaged parts, gummy deposits, or a build-up of debris.

- c) The lower guard may be retracted manually only for special cuts such as "plunge cuts" and "compound cuts."** Raise the lower guard by retracting handle and as soon as the blade enters the material, the lower guard must be released.
For all other sawing, the lower guard should operate automatically.
- d) Always observe that the lower guard is covering the blade before placing the saw down on bench or floor. An unprotected, coasting blade will cause the saw to walk backwards, cutting whatever is in its path. Be aware of the time it takes for the blade to stop after switch is released.**

ADDITIONAL SAFETY RULES FOR YOUR CUTTING-OFF MACHINES

- a) The guard provided with the tool must be securely attached to the power tool and positioned for maximum safety, so the least amount of wheel is exposed towards the operator. Position yourself and bystanders away from the plane of the rotating wheel.** *The guard helps to protect operator from broken wheel fragments and accidental contact with wheel.*
- b) Use only bonded reinforced or diamond cut-off wheels for your power tool.** *Just because an accessory can be attached to your power tool, it does not assure safe operation.*
- c) The rated speed of the accessory must be at least equal to the maximum speed marked on the power tool.** *Accessories running faster than their rated speed can break and fly apart.*
- d) Wheels must be used only for recommended applications. For example: do not grind with the side of cut-off wheel.** *Abrasive cut-off wheels are intended for peripheral grinding, side forces applied to these wheels may cause them to shatter.*
- e) Always use undamaged wheel flanges that are of correct diameter for your selected wheel.** *Proper wheel flanges support the wheel thus reducing the possibility of wheel breakage.*
- f) Do not use worn down reinforced wheels from larger power tools.** *Wheels intended for a larger power tool are not suitable for the higher speed of a smaller tool and may burst.*
- g) The outside diameter and the thickness of your accessory must be within the capacity rating of your power tool.** *Incorrectly sized accessories cannot be adequately guarded or controlled.*
- h) The arbour size of wheels and flanges must properly fit the spindle of the power tool.** *Wheels and flanges with arbour holes that do not match the mounting hardware of the power tool will run out of balance, vibrate excessively and may cause loss of control.*

- i) Do not use damaged wheels. Before each use, inspect the wheels for chips and cracks. If power tool or wheel is dropped, inspect for damage or install an undamaged wheel. After inspecting and installing the wheel, position yourself and bystanders away from the plane of the rotating wheel and run the power tool at maximum no load speed for one minute.** *Damaged wheels will normally break apart during this test time.*
- j) Wear personal protective equipment. Depending on application, use face shield, safety goggles or safety glasses. As appropriate, wear dust mask, hearing protectors, gloves and shop apron capable of stopping small abrasive or workpiece fragments. The eye protection must be capable of stopping flying debris generated by various operations. The dust mask or respirator must be capable of filtering particles generated by your operation. Prolonged exposure to high intensity noise may cause hearing loss.**
- k) Keep bystanders a safe distance away from work area. Anyone entering the work area must wear personal protective equipment.** *Fragments of workpiece or of a broken wheel may fly away and cause injury beyond immediate area of operation.*
- l) Hold the power tool by insulated gripping surfaces only, when performing an operation where the cutting accessory may contact hidden wiring or its own cord.** *Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.*
- m) Position the cord clear of the spinning accessory.** *If you lose control, the cord may be cut or snagged and your hand or arm may be pulled into the spinning wheel.*
- n) Never lay the power tool down until the accessory has come to a complete stop.** *The spinning wheel may grab the surface and pull the power tool out of your control.*
- o) Do not run the power tool while carrying it at your side.** *Accidental contact with the spinning accessory could snag your clothing, pulling the accessory into your body.*
- p) Regularly clean the power tool's air vents.** *The motor's fan will draw the dust inside the housing and excessive accumulation of powdered metal may cause electrical hazards.*
- q) Do not operate the power tool near flammable materials.** *Sparks could ignite these materials.*
- r) Do not use accessories that require liquid coolants.** *Using water or other liquid coolants may result in electrocution or shock.*

KICKBACK AND RELATED WARNINGS

Kickback is a sudden reaction to a pinched or snagged rotating wheel. Pinching or snagging causes rapid

stalling of the rotating wheel which in turn causes the uncontrolled power tool to be forced in the direction opposite of the wheel's rotation at the point of the binding.

For example, if an abrasive wheel is snagged or pinched by the workpiece, the edge of the wheel that is entering into the pinch point can dig into the surface of the material causing the wheel to climb out or kick out. The wheel may either jump toward or away from the operator, depending on direction of the wheel's movement at the point of pinching. Abrasive wheels may also break under these conditions.

Kickback is the result of power tool misuse and/or incorrect operating procedures or conditions and can be avoided by taking proper precautions as given below.

- a) **Maintain a firm grip on the power tool and position your body and arm to allow you to resist kickback forces. Always use auxiliary handle, if provided, for maximum control over kickback or torque reaction during start-up.**
The operator can control torque reactions or kickback forces, if proper precautions are taken.
- b) **Never place your hand near the rotating accessory. Accessory may kickback over your hand.**
- c) **Do not position your body in line with the rotating wheel. Kickback will propel the tool in direction opposite to the wheel's movement at the point of snagging.**
- d) **Use special care when working corners, sharp edges etc. Avoid bouncing and snagging the accessory. Corners, sharp edges or bouncing have a tendency to snag the rotating accessory and cause loss of control or kickback.**
- e) **Do not attach a saw chain, woodcarving blade, segmented diamond wheel with a peripheral gap greater than 10 mm or toothed saw blade. Such blades create frequent kickback and loss of control.**
- f) **Do not "jam" the wheel or apply excessive pressure. Do not attempt to make an excessive depth of cut. Overstressing the wheel increases the loading and susceptibility to twisting or binding of the wheel in the cut and the possibility of kickback or wheel breakage.**
- g) **When wheel is binding or when interrupting a cut for any reason, switch off the power tool and hold the power tool motionless until the wheel comes to a complete stop. Never attempt to remove the wheel from the cut while the wheel is in motion otherwise kickback may occur.**
Investigate and take corrective action to eliminate the cause of wheel binding.
- h) **Do not restart the cutting operation in the workpiece. Let the wheel reach full speed and carefully re-enter the cut. The wheel may bind, walk up or kickback if the power tool is restarted in the workpiece.**
- i) **Support panels or any oversized workpiece to minimize the risk of wheel pinching and kickback. Large workpieces tend to sag under their own weight. Supports must be placed under the workpiece near the line of cut and near the edge of the workpiece on both sides of the wheel.**
- j) **Use extra caution when making a "pocket cut"**

into existing walls or other blind areas. The protruding wheel may cut gas or water pipes, electrical wiring or objects that can cause kickback.

ADDITIONAL SAFETY RULES:

1. **Always wear a dust mask.**

ADDITIONAL SAFETY RULES FOR YOUR CIRCULAR SAW

1. Use only saw blades recommended by the manufacturer, which conform to EN 847-1, if intended for wood and analogous materials.
2. Do not use any abrasive wheels.
3. Use only blade diameter(s) in accordance with the markings.
4. Identify the correct saw blade to be used for the material to be cut.
5. Use only saw blades that are marked with a speed equal or higher than the speed marked on the tool.

GENERAL SAFETY WARNINGS FOR YOUR LASER



WARNING: Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in serious injury.

Save all warnings and instructions for future reference. These lasers do not normally present an optical hazard although staring at the beam may cause flash blindness. Do not stare directly at the laser beam. A hazard may exist if you deliberately stare into the beam, please observe all safety rules as follows:

1. The laser shall be used and maintained in accordance with the manufacturer's instructions.
2. Never aim the beam at any person or an object other than the work piece.
3. The laser beam shall not be deliberately aimed at another person and shall be prevented from being directed towards the eye of a person for longer than 0.25 seconds area.
4. Always ensure the laser beam is aimed at a sturdy work piece without reflective surfaces, e.g. wood or rough-coated surfaces are acceptable. Bright shiny reflective sheet steel or similar is not suitable for laser applications as the reflective surface may direct the laser beam back at the operator.
5. Do not change the laser device with a different type. The manufacturer or an authorized agent must carry out repairs.
6. **CAUTION:** Use of controls or adjustments other than those specified herein may result in hazardous radiation exposure.

Additional safety warning for class 2 laser

The laser device fitted to this tool is CLASS 2 with a maximum radiation of 1.5mW and 650nm wavelength.










CLASS 2 LASER RADIATION, DO NOT STARE INTO BEAM

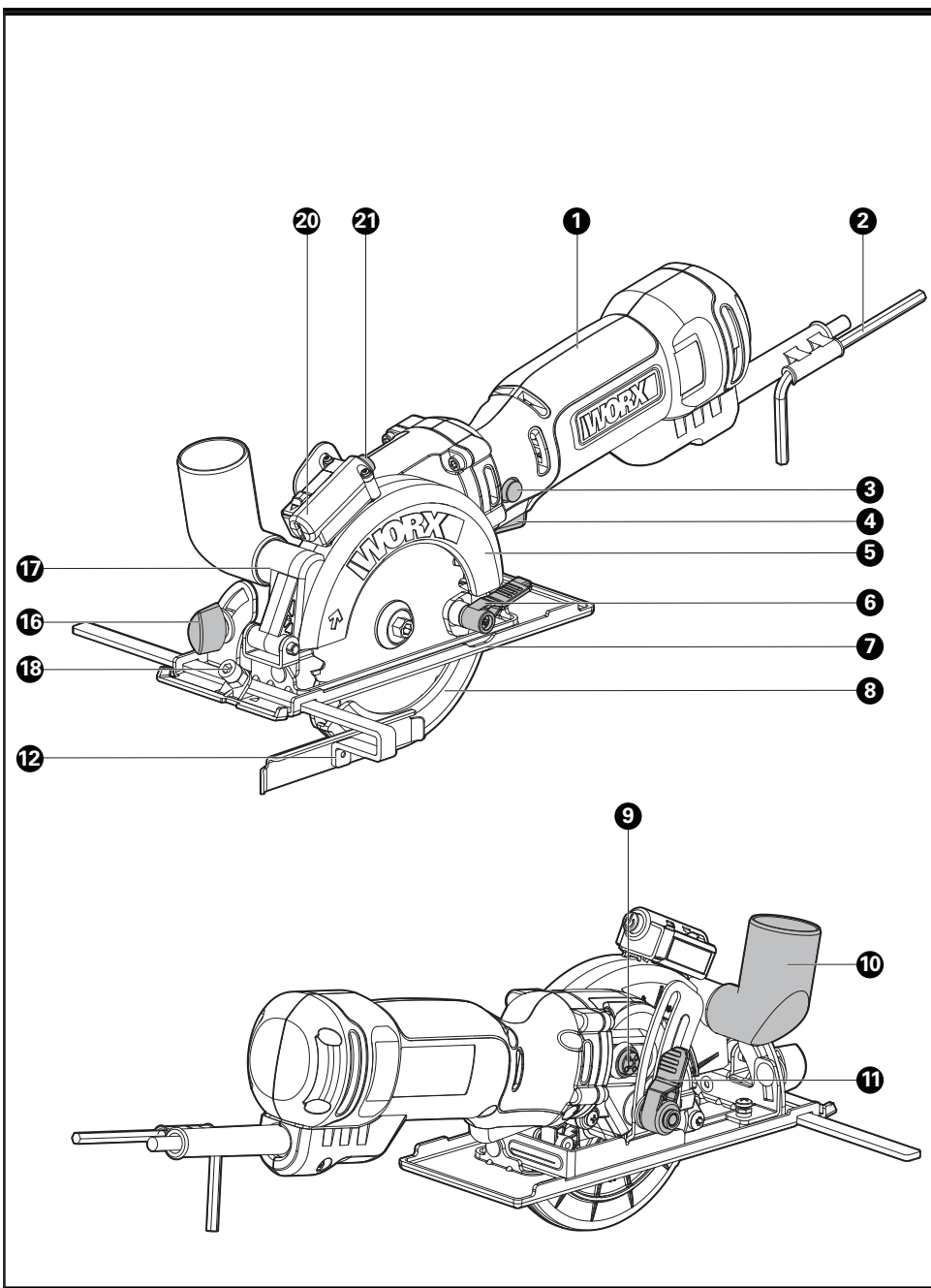
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SYMBOLS

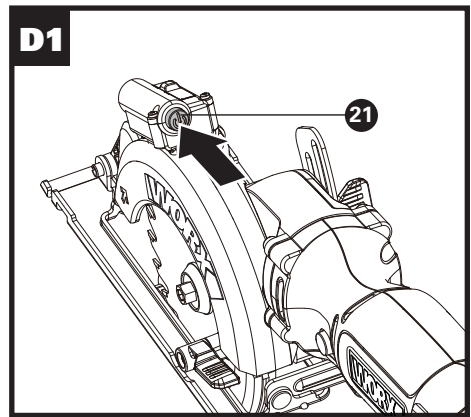
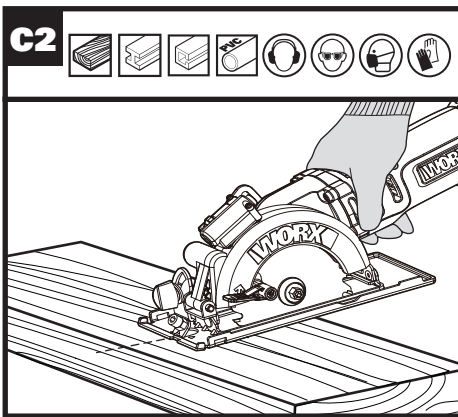
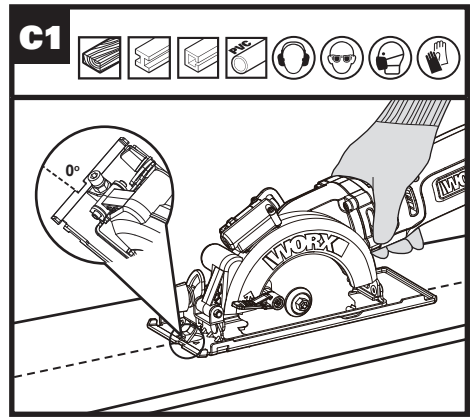
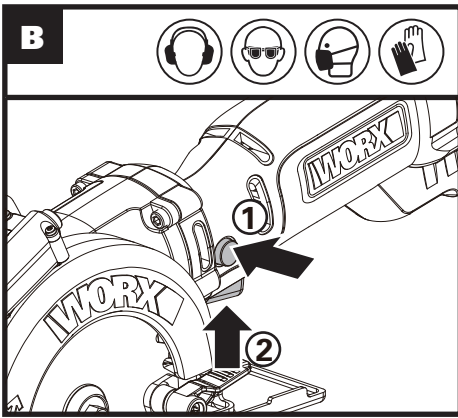
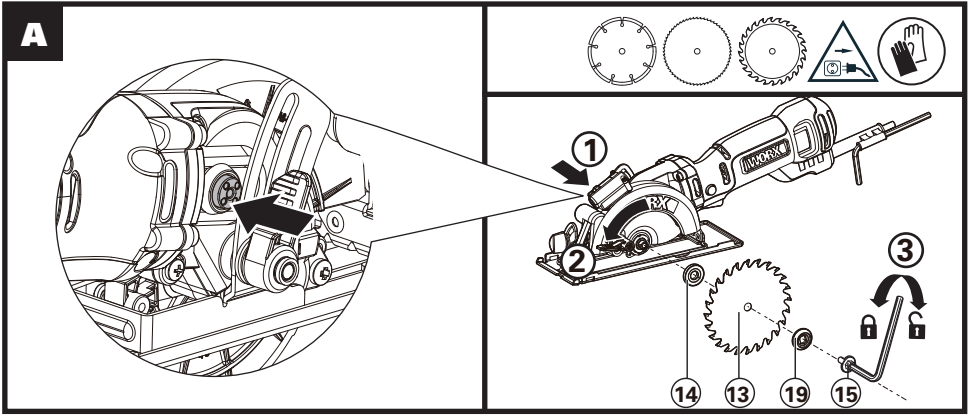
	To reduce the risk of injury, user must read instruction manual
	Double insulation
	Warning
	Wear ear protection
	Wear eye protection
	Wear dust mask
	DO NOT STARE INTO BEAM
	LASER RADIATION
	Waste electrical products must not be disposed of with household waste. Please recycle where facilities exist. Check with your local authorities or retailer for recycling advice.
	Before any work on the machine itself, pull the mains plug from the socket outlet.
	Wear protective gloves
	Wood
	Aluminium

	Metal
	Plastic
	Incorrect
	Correct
	Lock
	Unlock
	Abrasive cutting disc
	HSS blade
	TCT blade



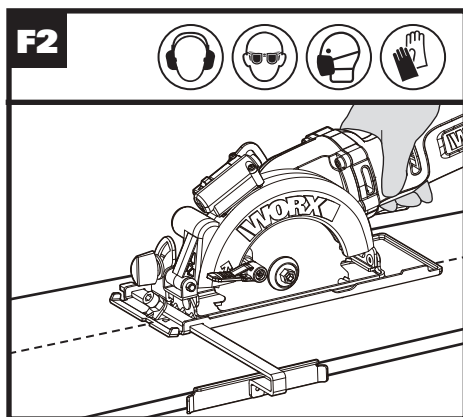
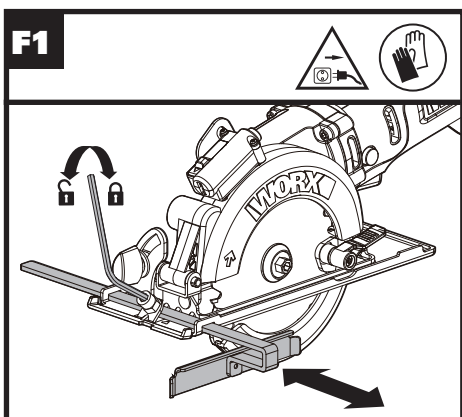
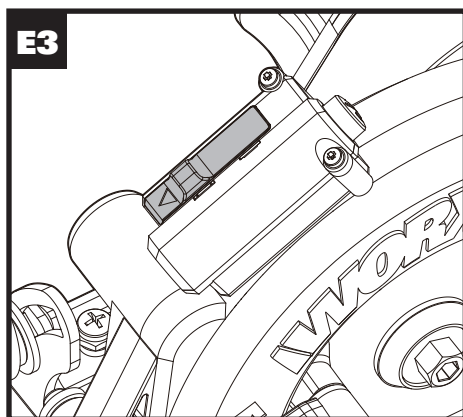
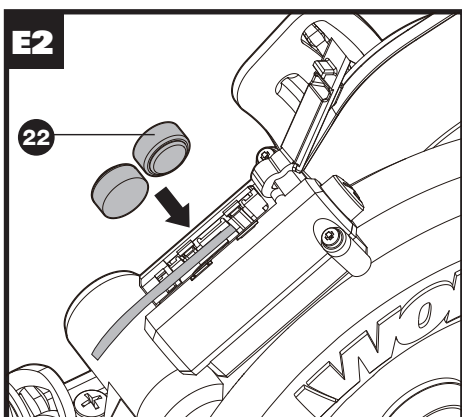
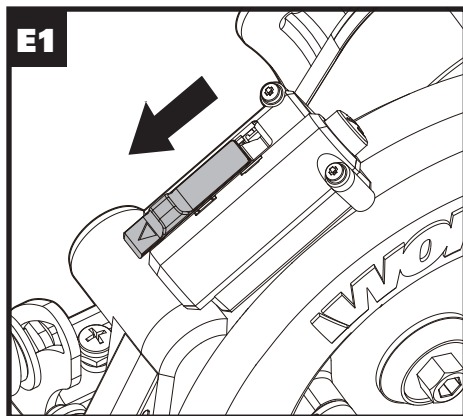
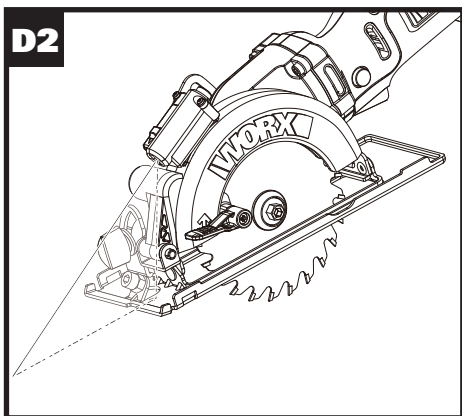
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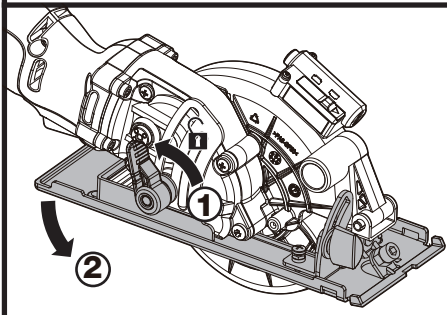
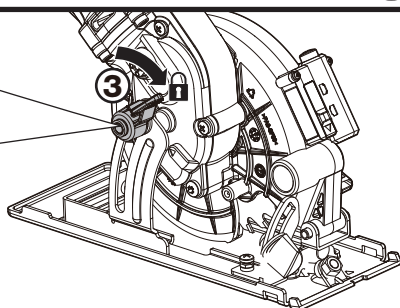
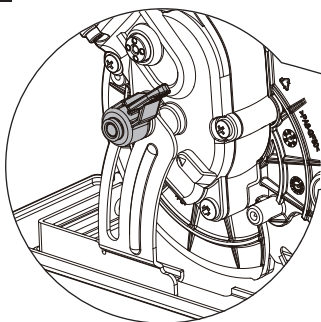
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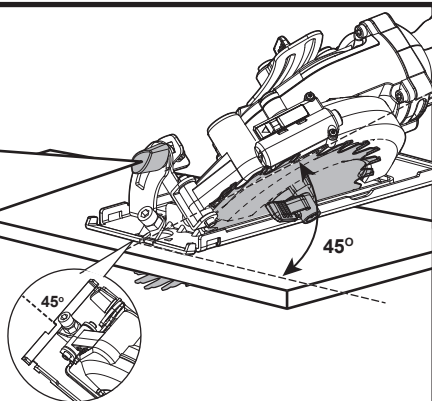
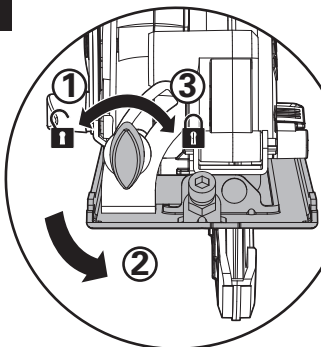


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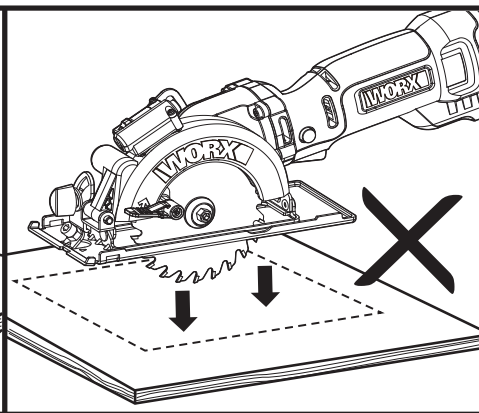
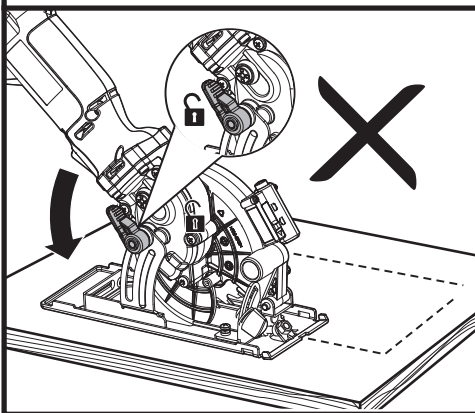
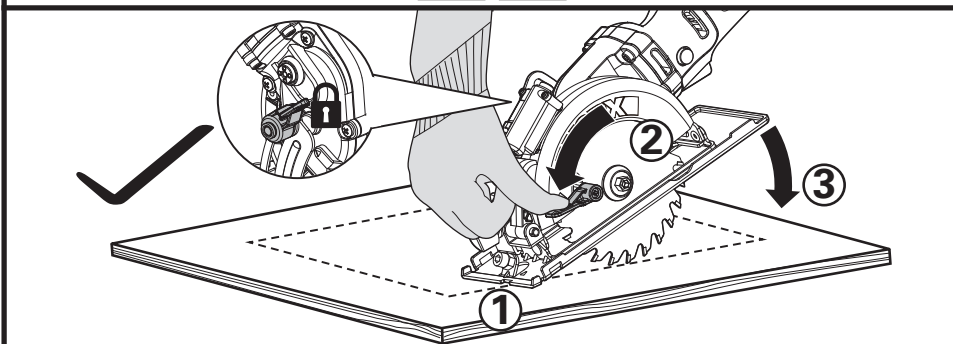
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G1**G2**

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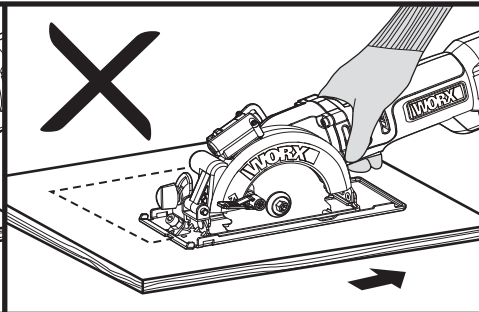
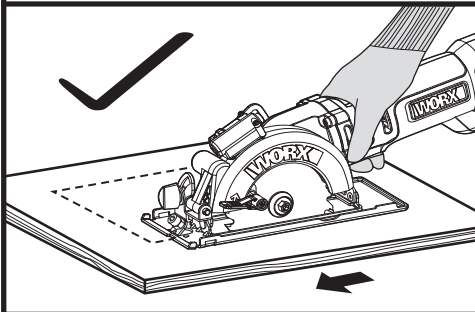
H**Compact Circular Saw****WX437
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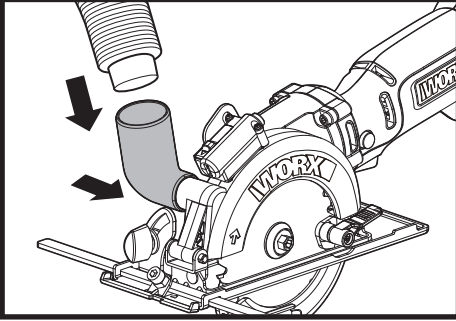
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Compact Circular Saw

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COMPONENT LIST


1. SOFT GRIP HANDLE
2. HEX KEY
3. LOCK OFF BUTTON
4. ON/OFF SWITCH
5. FIXED UPPER GUARD
6. LOWER GUARD LEVER
7. BASE PLATE
8. LOWER BLADE GUARD
9. SPINDLE LOCK BUTTON
10. VACUUM ADAPTER
11. DEPTH ADJUSTMENT LEVER
12. PARALLEL GUIDE
13. SAW BLADE*
14. INNER FLANGE
15. BLADE BOLT
16. BEVEL ADJUSTMENT LEVER
17. DUST EXTRACTION OUTLET
18. PARALLEL GUIDE CLAMPING FIXTURE
19. OUTER FLANGE
20. LASER GUIDE
21. LASER ON-OFF SWITCH (SEE FIG. D1)
22. LASER BATTERIES (TWO) (SEE FIG. E2)

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

TECHNICAL DATA

Type **WX437 WX437.X** (4-designation of machinery, representative of Saw)

	WX437 WX437.X**
Voltage	230-240V~50/60Hz

Rated Power	800W
No load (rated) speed	4700 /min
Blade size	
TCT blade (WA5100)	120 mm X1.5mmX 9.5mm X 24T
HCS blade (WA8302)	115 mm X1.2mmX 9.5mm X 60T
Abrasive cutting disc (WA5048)	115 mmX1.6mm X9.5mm X 60G
Cutting capacity Cutting Depth at 90° Cutting Depth at 45°	42.5mm 28.5mm
Bevel capacity	0-45°
Arbor size	9.5 mm
Laser battery model no.	LR44 1.5V
Protection class	 /II
Bare tool weight	2.3kg

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

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 INFORMATION (CUTTING WOOD/CUTTING METAL)

A weighted sound pressure	$L_{pA} = 88$ dB(A)
A weighted sound power	$L_{WA} = 99$ dB(A)
K_{pA} & K_{WA}	3 dB(A)

Wear ear protection

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NOISE INFORMATION (CUTTING TILE)

A weighted sound pressure $L_{pA} = 96 \text{ dB(A)}$

A weighted sound power $L_{wA} = 107 \text{ dB(A)}$

$K_{pA} \& K_{wA}$ 3 dB(A)

Wear ear protection

VIBRATION INFORMATION CUTTING WOOD/CUTTING METAL)

Vibration total values (triax vector sum) determined according to EN 62841:

Vibration emission value:	Cutting wood: $a_{h,w} = 5,75 \text{ m/s}^2$
	Uncertainty $K = 1.5\text{m/s}^2$
	Cutting metal: $a_{h,M} = 4.68 \text{ m/s}^2$
	Uncertainty $K = 1.5\text{m/s}^2$

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

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

WARNING: The vibration and noise emissions during actual use of the power tool can differ from the declared value depending on the ways in which the tool is used especially what kind of workpiece is processed 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.

The use of 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 and noise 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 and noise 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 and noise accessories.

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

VIBRATION INFORMATION (CUTTING TILE)

Vibration total values (triax vector sum) determined according to EN 60745:

Vibration emission value:	Cutting tile: $a_h = 4.81 \text{ m/s}^2$
	Uncertainty $K = 1.5\text{m/s}^2$

The declared vibration total value may be used for comparing one tool with another, and may also be used in a preliminary assessment of exposure.

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 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.

OPERATING INSTRUCTIONS





NOTE: Before using the tool, read the instruction book carefully.

INTENDED USE:

The tool is intended for ripping and cross-cutting wood and other materials in straight cutting lines, while resting firmly on the work piece.

ASSEMBLY AND OPERATION

Action	Figure
Mounting and Removing the Blade NOTE: Lock or loose the blade bolt, the spindle lock button should be pressed.  WARNING: Always remove the battery before changing the blade!	See Fig. A
Safety switch and On/Off trigger  WARNING: To avoid cutting injury from the sharp blade, please don't put your hands around the Base Plate. NOTE: Keep the dust adapter connected to dust collecting device when using the tool.	See Fig. B
Rip and Cross Cutting NOTE: The cutting line of saw blade is aligned with the cutting mark 0°.	See Fig. C1, C2
Using the Laser Light Feature	See Fig. D1, D2
Replacing Laser Batteries	See Fig.E1, E2,E3
Parallel Guide	See Fig. F1, F2
Adjusting the Cutting Depth	See Fig. G1, G2
Adjusting the Cutting Angle NOTE: The cutting line of saw blade is aligned with the cutting mark 45°.	See Fig. H
Pocket cutting	See Fig. I1, I2
Sawdust Removal	See Fig. J

WORKING HINTS FOR YOUR TOOL

If your power tool becomes too hot, please run your circular saw no load for 2-3 minutes to cool the motor. Avoid prolonged usage at very low speeds. Protect saw blades against impact and shock. Cutting with extreme force can significantly reduces the performance capability of the tool and reduces the service life of the

saw blade. Sawing performance and cutting quality depend essentially on the condition and the tooth count of the saw blade. Therefore, use only sharp saw blades that are suited for the material being cut. Choice of blades: 24 teeth for general work, approx. 40 teeth for finer cuts, more than 40 teeth for very fine cuts into delicate surfaces, diamond for tile, cement board, etc. Only use saw blades recommended.

MAINTAIN TOOLS WITH CARE

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

Keep tools sharp and clean for better and safer performance. Follow instructions for lubricating and changing accessories. Inspect tool cords periodically and if damaged, have repaired by authorized service facility. Your power tool requires no additional lubrication or maintenance. There are no user serviceable parts in your power tool. Never use water or chemical cleaners to clean your power tool. Wipe clean with a dry cloth. Always store your power tool in a dry place. Keep the motor ventilation slots clean. Keep all working controls free of dust. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard. Periodically clear dust and chips from guard and base to ensure proper performance.

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.

PLUG REPLACEMENT (ONLY FOR REWIRABLE PLUG OF UK & IRELAND)

If you need to replace the fitted plug then follow the instructions below.

IMPORTANT

The wires in the mains lead are colored in accordance with the following code:

Blue = Neutral

Brown = Live

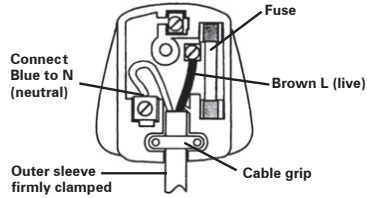
As the colors of the wires in the mains lead of this appliance may not correspond with the colored markings identifying the terminals in your plug, proceed as follows. The wire which is colored blue must be connected to the terminal which is marked with N. The wire which is colored brown must be connected to the terminal which is marked with L.

WARNING!

Never connect live or neutral wires to the earth terminal of the plug. Only fit an approved BS1363/A plug and the correct rated current fuse which is used in the plug.

NOTE: If a moulded plug is fitted and has to be removed

take great care in disposing of the plug and severed cable, it must be destroyed to prevent engaging into a socket.



TROUBLE SHOOTING

16	Symptom	Possible Causes	Possible Solution
	Tool will not start when operating the on/off switch.	Power cord not plugged in. Power cord is broken. Carbon brush has worn down	Check to make sure power cord is connected well into a working outlet. Unplug the power cord. Replace it using a qualified maintenance person. Replace the carbon brush using a qualified maintenance person.
	Cutting depth is less than that is set.	Sawdust accumulated at the rear of the base.	Shake out sawdust. Consider connecting a vacuum for dust collection.
	Blade spins or slips	Blade is not tightly engaged with the spindle.	Remove the blade, and reassemble it as described in Mounting and Removing the Blade section.
	Blade will not cut a straight line.	Blade is dull. Blade is not mounted properly. Saw is not being guided properly.	Mount a new, sharp blade on the saw. Check that blade is properly mounted. Use a parallel guide.
	Blade kicks back when beginning a cut	Blade is not spinning fast enough	Allow the saw blade to reach full speed prior to beginning a cut in the material.

DECLARATION OF CONFORMITY

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

On behalf of Positec declare that the product
Description **Worx Electric Circular Saw**
Type **WX437 WX437.X (4-designation of machinery, representative of Saw)**
Function **Cutting various materials with a rotating toothed blade**

Complies with the following Directives,
2006/42/EC
2014/30/EU
2011/65/EU&(EU)2015/863

Standards conform to:
EN 62841-1
EN 62841-2-5
EN 55014-1
EN 55014-2
EN IEC 61000-3-2
EN 61000-3-3
EN 60745-1
EN 60745-2-22

The person authorized to compile the technical file,
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Address Positec Germany GmbH
Postfach 32 02 16, 50796 Cologne, Germany

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2020/10/23
Allen Ding
Deputy Chief Engineer, Testing & Certification
Positec Technology (China) Co., Ltd
18, Dongwang Road, Suzhou Industrial
Park, Jiangsu 215123, P. R. China

Compact Circular Saw

**WX437
WX437.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 Electric Circular Saw**
Type Designation **WX437 WX437.X (4-designation of machinery, representative of circular saw)**
Function **Cutting various materials with a rotating toothed blade**

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 2012

Standards conform to
BS EN 62841-1
BS EN 62841-2-5
BS EN 55014-1
BS EN 55014-2
BS EN IEC 61000-3-2
BS EN 61000-3-3
BS EN 60745-1
BS EN 60745-2-22

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2020/10/23
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Compact Circular Saw

**WX437
WX437.X**


you've got the power

www.worx.com

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