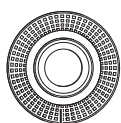
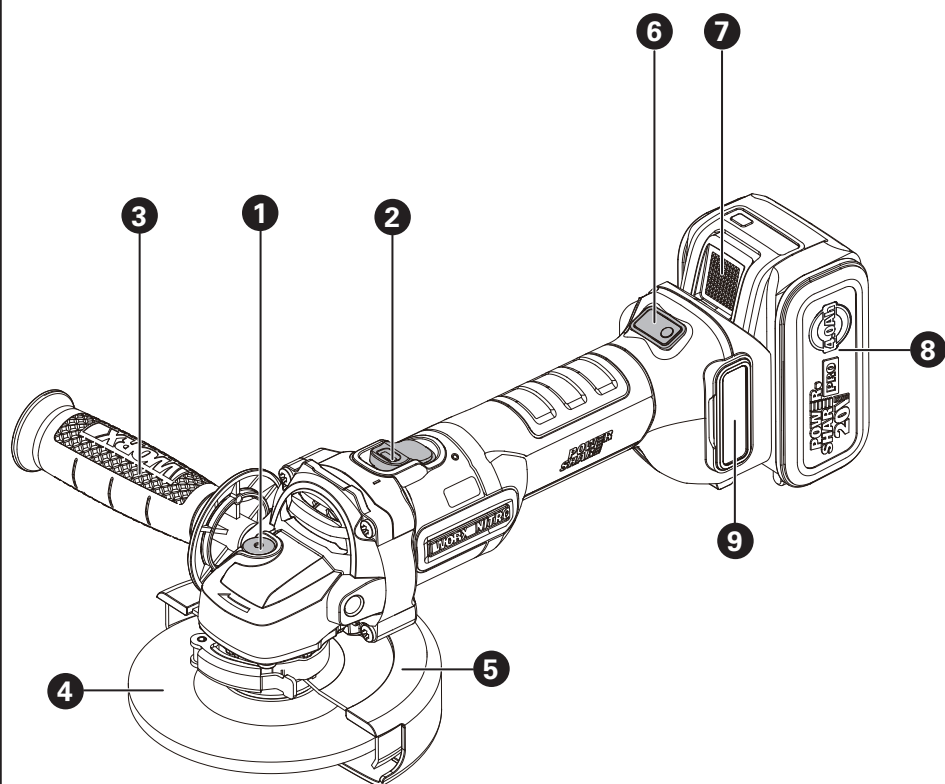


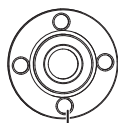
SAFETY AND OPERATING MANUAL

ORIGINAL INSTRUCTIONS

20V Cordless Brushless Angle Grinder
WX814 WX814.X WX815 WX815.X



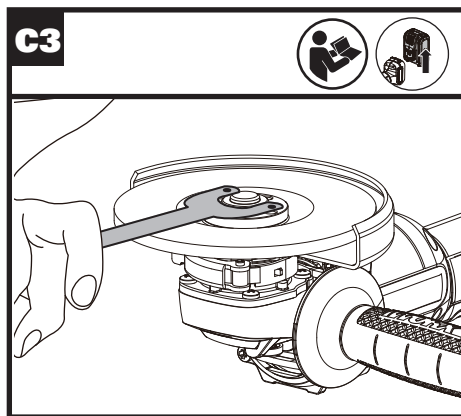
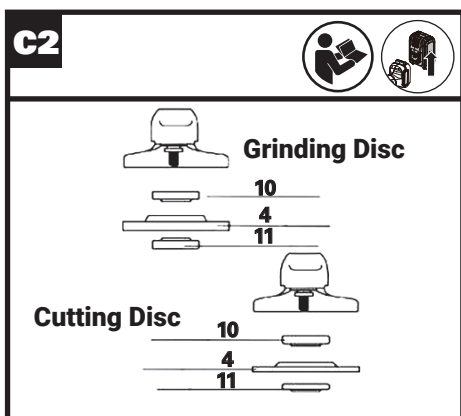
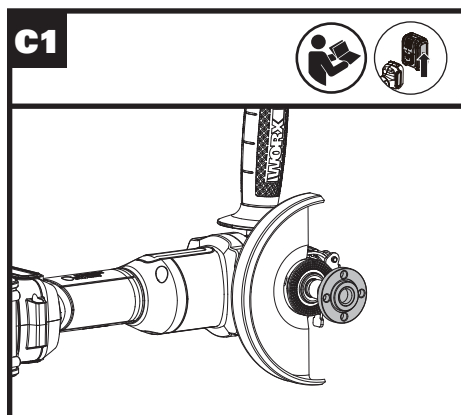
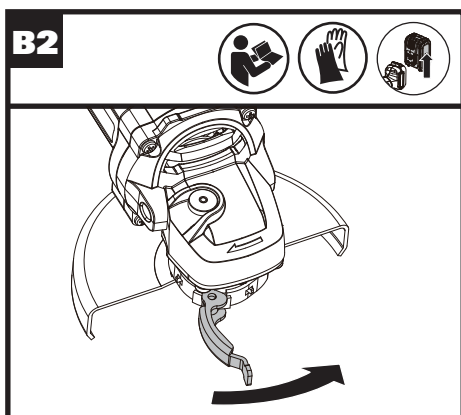
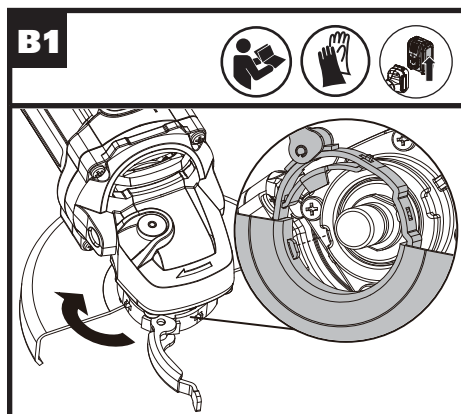
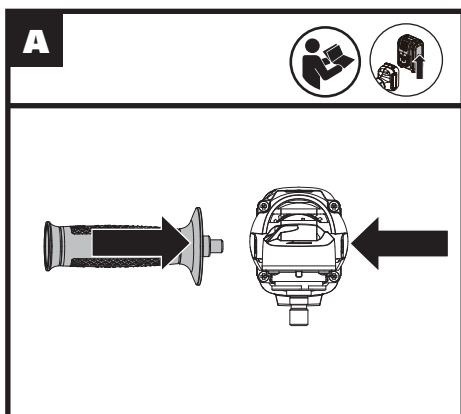
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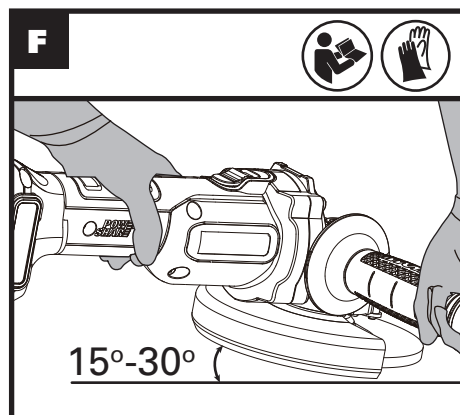
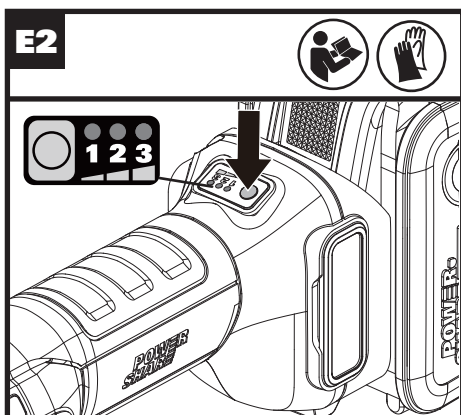
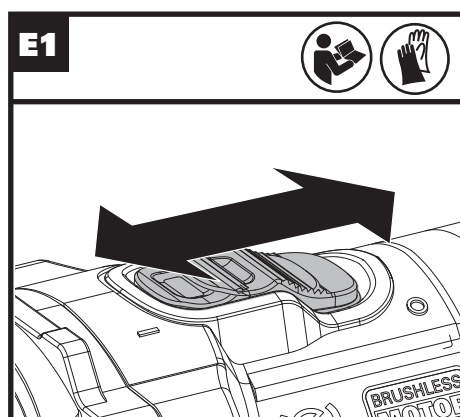
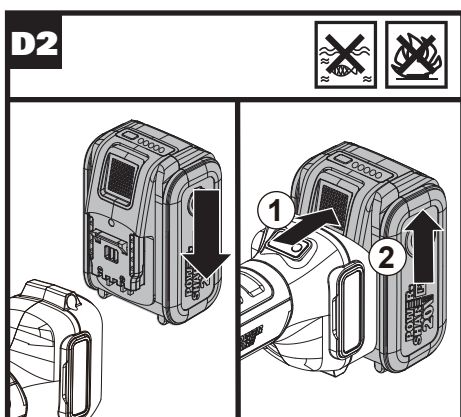
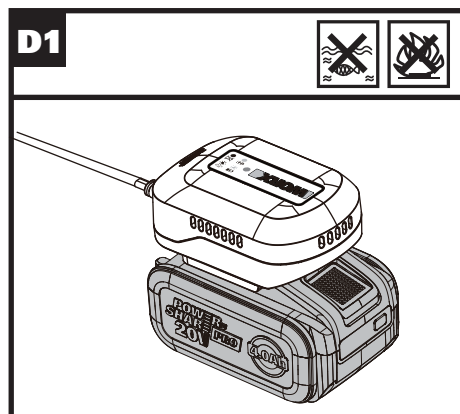
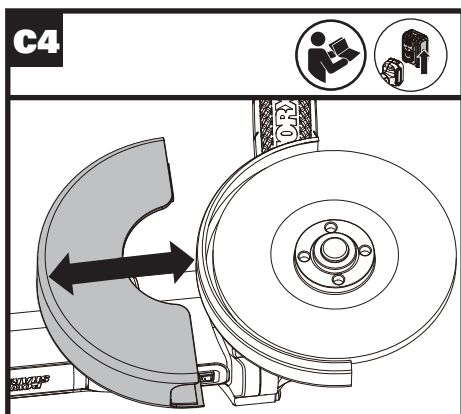


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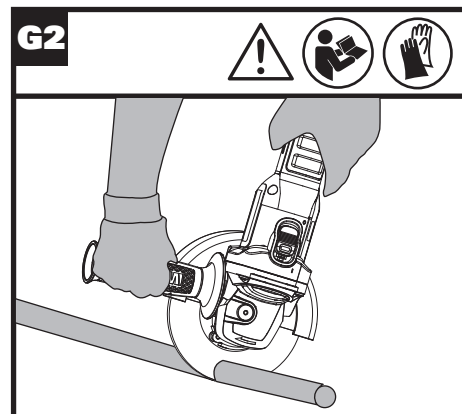
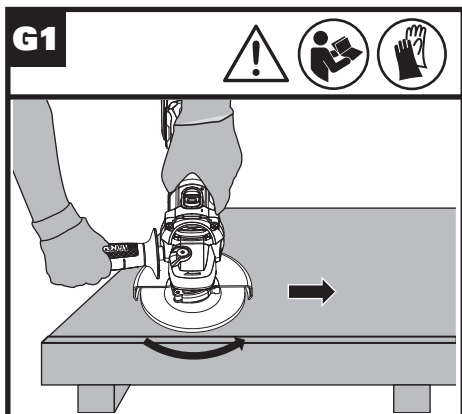


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2. COMPONENT LIST
3. TECHNICAL DATA
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6. MAINTENANCE
7. ENVIRONMENTAL PROTECTION
8. DECLARATION OF CONFORMITY

1.SAFETY INSTRUCTIONS ORIGINAL INSTRUCTIONS 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

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

2. ELECTRICAL SAFETY

- Power tool plugs must match the outlet.** Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
- Avoid body contact with earthed or grounded surfaces,** such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- Do not abuse the cord.** Never use the cord for

carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.

- When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
- If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

3. PERSONAL SAFETY

- Stay alert, watch what you are doing and use common sense when operating a power tool.** Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.
 - Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
 - Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
 - Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
 - Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
 - Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
 - If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.
 - Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.
- Power tool use and care**
 - Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
 - Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must

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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.

SAFETY INSTRUCTIONS FOR ALL OPERATIONS

SAFETY WARNINGS COMMON FOR GRINDING OR CUTTING-OFF OPERATIONS:

- a) **This power tool is intended to function as a grinder, or cut-off tool. 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.
- b) **Operations such as sanding, wire brushing, polishing or hole cutting are not to be performed with this power tool.** Operations for which the power tool was not designed may create a hazard and cause personal injury.
- c) **Do not convert this power tool to operate in a way which is not specifically designed and specified by the tool manufacturer.** Such a conversion may result in a loss of control and cause serious personal injury.
- d) **Do not use accessories which are not specifically designed and specified by the tool manufacturer.** Just because the accessory can be attached to your power tool, it does not assure safe operation.
- e) **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.
- f) **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.
- g) **The dimensions of the accessory mounting must fit the dimensions of the mounting hardware of the power tool.** Accessories that do not match the mounting hardware of the power tool will run out of balance, vibrate excessively and may cause loss of control.
- h) **Do not use a damaged accessory. Before each use inspect the accessory such as abrasive**

wheels for chips and cracks, backing pad for cracks, tear or excess wear. If power tool or accessory is dropped, inspect for damage or install an undamaged accessory. After inspecting and installing an accessory, position yourself and bystanders away from the plane of the rotating accessory and run the power tool at maximum no-load speed for one minute. Damaged accessories will normally break apart during this test time.

- i) **Wear personal protective equipment. Depending on application, use face shield, safety goggles or safety glasses. As appropriate, wear dust mask, hearing protectors, gloves and workshop apron capable of stopping small abrasive or workpiece fragments.** The eye protection must be capable of stopping flying debris generated by various applications. The dust mask or respirator must be capable of filtering particles generated by the particular application. Prolonged exposure to high intensity noise may cause hearing loss.
- j) **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 accessory may fly away and cause injury beyond immediate area of operation.
- k) **Hold the power tool by insulated gripping surfaces only, when performing an operation where the cutting accessory may contact hidden wiring.** Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
- l) **Never lay the power tool down until the accessory has come to a complete stop.** The spinning accessory may grab the surface and pull the power tool out of your control.
- m) **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.
- n) **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.
- o) **Do not operate the power tool near flammable materials.** Sparks could ignite these materials.
- p) **Do not use accessories that require liquid coolants.** Using water or other liquid coolants may result in electrocution or shock.
- q) Your hand must hold on the handle when you are working. Always use the auxiliary handles supplied with the tool. Loss of control can cause personal injury.

FURTHER SAFETY INSTRUCTIONS FOR ALL OPERATIONS

Kickback and Related Warnings

Kickback is a sudden reaction to a pinched or snagged rotating wheel, backing pad, brush or any

other accessory. Pinching or snagging causes rapid stalling of the rotating accessory which in turn causes the uncontrolled power tool to be forced in the direction opposite of the accessory'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 with both hands on the power tool and position your body and arms 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 the area where power tool will move if kickback occurs.** 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.

ADDITIONAL SAFETY INSTRUCTIONS FOR GRINDING AND CUTTING-OFF OPERATIONS Safety warnings specific for grinding and cutting-off operations:

- a) **Use only wheel types that are specified for your power tool and the specific guard designed for the selected wheel.** Wheels for which the power tool was not designed cannot be adequately guarded and are unsafe.
- b) **The grinding surface of centre depressed wheels must be mounted below the plane of the guard lip.** An improperly mounted wheel that projects through the plane of the guard lip cannot be adequately protected.
- c) **The guard must be securely attached to the power tool and positioned for maximum safety, so the least amount of wheel is exposed towards**

the operator. *The guard helps to protect the operator from broken wheel fragments, accidental contact with wheel and sparks that could ignite clothing.*

- d) **Wheels must be used only for specified 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 size and shape for your selected wheel.** Proper wheel flanges support the wheel thus reducing the possibility of wheel breakage. Flanges for cut-off wheels may be different from grinding wheel flanges.
- f) **Do not use worn down wheels from larger power tools.** A wheel intended for larger power tool is not suitable for the higher speed of a smaller tool and may burst.
- g) **When using dual purpose wheels always use the correct guard for the application being performed.** Failure to use the correct guard may not provide the desired level of guarding, which could lead to serious injury.
- h) **Warning! Grinding thin sheets of metal or other easily vibrating structures with a large surface can result in a total noise emission much higher (up to 15 dB) than the declared noise emission values.** Such workpieces should as far as possible be prevented from emitting sound by suitable measures such as the application of heavy flexible damping mats. The increased noise emission is also to be considered for both the risk assessment of noise exposure and selecting adequate hearing protection.

ADDITIONAL SAFETY INSTRUCTIONS FOR CUTTING-OFF OPERATIONS

Additional safety warnings specific for cutting-off operations:

- a) **Do not "jam" the cut-off 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.*
- b) **Do not position your body in line with and behind the rotating wheel.** *When the wheel, at the point of operation, is moving away from your body, the possible kickback may propel the spinning wheel and the power tool directly at you.*
- c) **When the wheel is binding or when interrupting a cut for any reason, switch off the power tool and hold it motionless until the wheel comes to a complete stop.** Never attempt to remove the cut-off 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.*

- d) **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.*
- e) **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.*
- f) **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.*
- g) **Do not attempt to do curved cutting.** *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, which can lead to serious injury.*






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.**
 - 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) **Attention ! Ne pas utiliser de piles non rechargeables.**

SYMBOLS

	To reduce the risk of injury, user must read instruction manual
	Warning
	Wear ear protection
	Wear eye protection
	Wear dust mask
	Wear protective gloves.
	Always operate with two hands
	Do not use the guard for cut-off operations
	Batteries may enter water cycle if disposed improperly, which can be hazardous for ecosystem. Do not dispose of waste batteries as unsorted municipal waste.

	Do not burn
	Make sure the battery is removed prior to changing accessories
	The symbol on the packaging is for France only.
	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.
	Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.


2.COMPONENT LIST

1.	SPINDLE LOCK BUTTON
2.	ON/OFF SWITCH
3.	AUXILIARY HANDLE
4.	DISC*
5.	WHEEL GUARD*
6.	SPEED ADJUSTMENT BUTTON
7.	BATTERY PACK RELEASE BUTTON*
8.	BATTERY PACK*
9.	FILTER
10.	INNER FLANGE
11.	OUTER FLANGE
12.	SPANNER

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

3.TECHNICAL DATA

Type **WX814 WX814.X WX815 WX815.X (800-819-designation of machinery, representative of grinder)**

	WX814 WX814.X**	WX815 WX815.X**
Rated voltage	20V  Max***	
Rated no-load speed	Low: 3000 rpm Medium: 5000 rpm High: 8600 rpm	
Disc Size	125 mm	115 mm
Disc bore	22.2 mm	
Spindle thread	M14	
Machine weight (bare tool)	1.7 kg	

** 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.

SUGGESTED BATTERIES AND CHARGERS

Category	Type	Capacity
20V Battery	WA3644	4.0 Ah
	WA3646	4.0 Ah
20V Charger	WA3880	2.0 A
	WA3802	2.0 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 INFORMATION

		WX814 WX814.X	WX815 WX815.X
A weighted sound pressure	Cutting disc	L_{pA} : 82.9 dB(A)	L_{pA} : 82.7 dB(A)
	Grinding disc	L_{pA} : 83.2 dB(A)	L_{pA} : 83.0 dB(A)
A weighted sound power	Cutting disc	L_{wA} : 90.9 dB(A)	L_{wA} : 90.7 dB(A)
	Grinding disc	L_{wA} : 91.2 dB(A)	L_{wA} : 91.0 dB(A)
K_{pA} & K_{wA}		3.0 dB(A)	


20V Cordless Brushless Angle Grinder WX814 WX814.X WX815 WX815.X

VIBRATION INFORMATION


				WX814 WX814.X	WX815 WX815.X
Vibration total values (triax vector sum) determined according to EN 62841:					
Grinder	surface grinding or abrasive cutting off	Cutting disc	Main handle	Vibration emission value $a_{hCO} = 4.204 \text{ m/s}^2$	Vibration emission value $a_{hCO} = 4.119 \text{ m/s}^2$
			Auxiliary handle	Vibration emission value $a_{hCO} = 5.305 \text{ m/s}^2$	Vibration emission value $a_{hCO} = 5.121 \text{ m/s}^2$
			Declared vibration total value	$a_{hCO} = 5.305 \text{ m/s}^2$	
		Grinding disc	Main handle	Vibration emission value $a_{hAG} = 4.535 \text{ m/s}^2$	Vibration emission value $a_{hAG} = 4.431 \text{ m/s}^2$
			Auxiliary handle	Vibration emission value $a_{hAG} = 5.503 \text{ m/s}^2$	Vibration emission value $a_{hAG} = 5.401 \text{ m/s}^2$
			Declared vibration total value	$a_{hAG} = 5.503 \text{ m/s}^2$	
	Uncertainty K = 1.5 m/s ²				

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–the declared vibration total value has been measured in accordance with a standard test method and may be used for comparing one tool with another;
–the declared vibration total value 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.
The tool being in good condition and well maintained
The use 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.
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

The machine is intended for cutting, roughing and brushing metal and stone materials.



5. OPERATING INSTRUCTIONS



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

ASSEMBLY AND OPERATION

Action	Figure
ASSEMBLY	
Assembling auxiliary handle	See Fig. A
Fitting wheel guard NOTE: The coded projection on the wheel guard ensures that only a guard that fits the machine type can be mounted. NOTE: Place the wheel guard with coded projection into the coded groove on the spindle of the machine head and rotate to the required position (working position). The closed side of the wheel guard must always point to the operator. NOTE: To fasten the wheel guard by closing the clamping lever.	See Fig. B1, B2
Assembling disc	See Fig. C1, C2, C3
REPLACING DISC NOTE: Before any work on the machine itself, remove the battery pack.	
Removing the disc by following the reverse steps of Fig. C1, C2, C3.	
Changing wheel guard and replacing disc NOTE: Fitting external wheel guard when performing cutting off operations and removing it when performing rough grinding operations.	See Fig. C4
OPERATION	
Charging the battery pack	See Fig. D1
Installing/removing the battery pack	See Fig. D2
Using on/off switch	See Fig. E1

Speed adjustment (Low, medium, high)	See Fig. E2
Hand grip areas	See Fig. F
Rough grinding  WARNING! Wheel guard for rough grinding must be assembled before performing rough grinding operations	See Fig. G1
Cutting  WARNING! Wheel guard for cutting must be assembled before performing cutting off operations.	See Fig. G2

WORKING HINTS FOR YOUR ANGLE GRINDER

1. Always start at no load to achieve maximum speed then start working.
2. Do not force the disc to work faster, reducing the Disc's moving speed means longer working time.
3. Always work with a 15-30 angle between disc and workpiece when performing rough grinding operations. Larger angles will cut ridges into the workpiece and affect the surface finish. Move the angle grinder across and back and forth over the workpiece.
4. When using a cutting disc never change the cutting angle otherwise you will stall the disc and angle grinder motor or break the disc. When cutting, only cut in the opposite direction to the disc rotation. If you cut in the same direction as the disc rotation the disc may push itself out of the cut slot.
5. When cutting very hard material best results can be achieved with a diamond disc.
6. When using a diamond disc it will become very hot. If this happens you will see a full ring of sparks around the rotating disc. Stop cutting and allow to cool at no load speed for 2-3 minutes.
7. Always ensure the workpiece is firmly held or clamped to prevent movement.

6. MAINTENANCE

Remove the battery before carrying out any adjustment, servicing 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. Occasionally you may see sparks through the

ventilation slots. This is normal and will not damage your power tool.

TROUBLESHOOTING

Although your new angle grinder is really very simple to operate, if you do experience problems, please check the following:

1. If your grinder disc wobbles or vibrates, check that outer flange is tight; check that the disc is correctly located on the flange plate.
2. If there is any evidence that the disc is damaged do not use as the damaged disc may disintegrate, remove it and replace with a new disc. Dispose of old discs sensibly.
3. If working on aluminum or a similar soft alloy, the disc will soon become clogged and will not grind effectively.

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.

Details regarding safe disposal of used batteries
At the end of the life of the appliance, remove the battery pack safely before disposing of the appliance. Do not throw batteries away or throw them in the normal trash can. Also do not dispose of the battery with the machine. Remove the used battery pack from the appliance and dispose of it at the nearest or convenient dedicated recycling facility. If in doubt, consult your local environmental protection department. Batteries may enter water cycle if disposed improperly, which can be hazardous for ecosystem. Do not dispose of waste batteries as unsorted municipal waste.

7.ENVIRONMENTAL PROTECTION



Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.

8.DECLARATION OF CONFORMITY

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

On behalf of Positec declare that the product
Description **Battery operated grinders**
Type **WX814 WX814.X WX815 WX815.X**
(800-819-designation of machinery, representative of grinder)
Function **Peripheral and lateral grinding**

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

Standards conform to:
EN 62841-1, EN IEC 62841-2-3, 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



2024/07/01
Allen Ding
Deputy Chief Engineer, Testing & Certification
Positec Technology (China) Co., Ltd
18, Dongwang Road, Suzhou Industrial
Park, Jiangsu 215123, P. R. China

20V Cordless Brushless Angle Grinder
WX814 WX814.X WX815 WX815.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 **Battery operated grinders**
Type **WX814 WX814.X WX815 WX815.X**
(800-819-designation of machinery, representative
of grinder)
Function **Peripheral and lateral grinding**

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

Standards conform to:
BS EN 62841-1, BS EN IEC 62841-2-3, 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
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After-sales Service and Application

At www.worx.com you can order spare parts or arrange the collection of a product in need of servicing or repair.

Tel. Service: 0345 202 9679

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