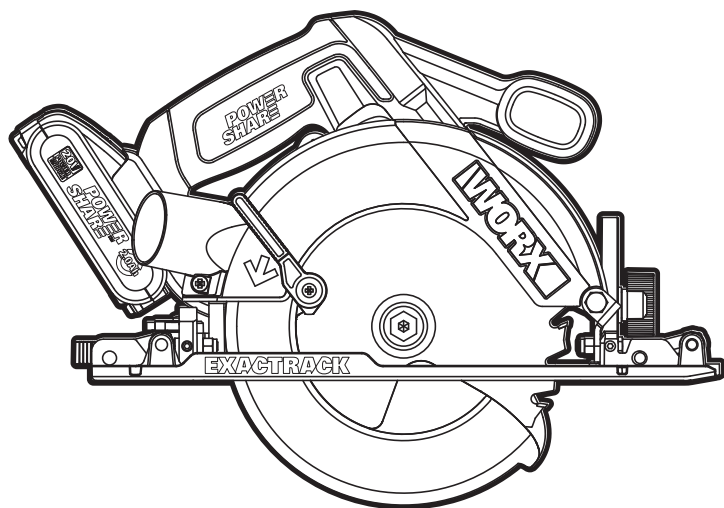


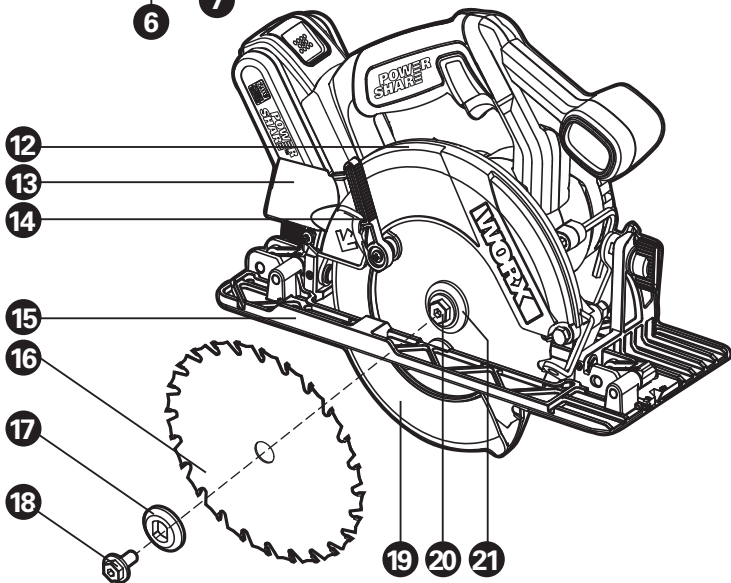
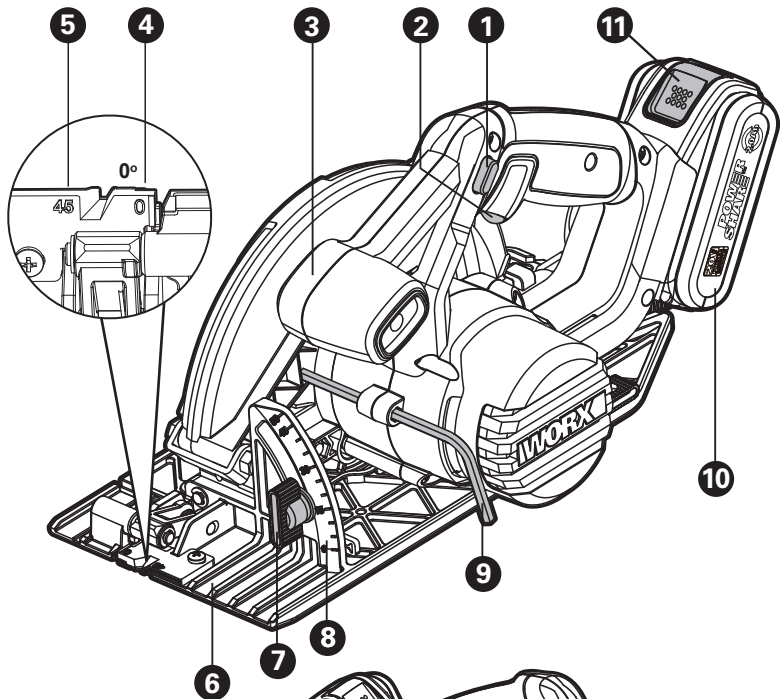
WORX®

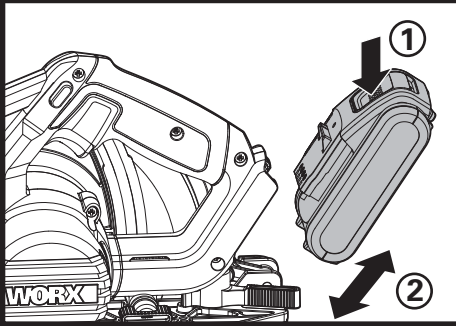
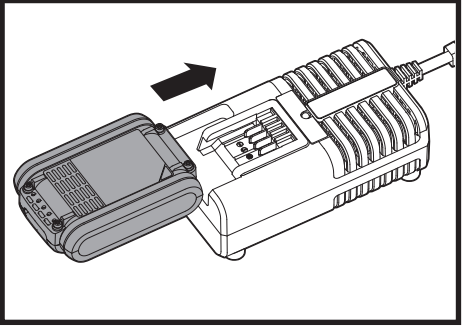
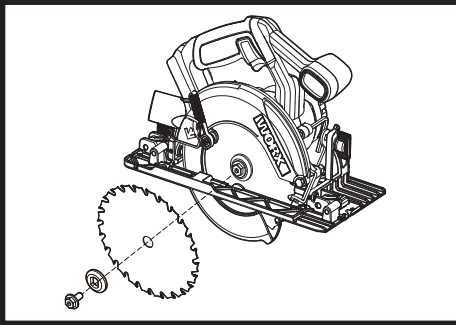
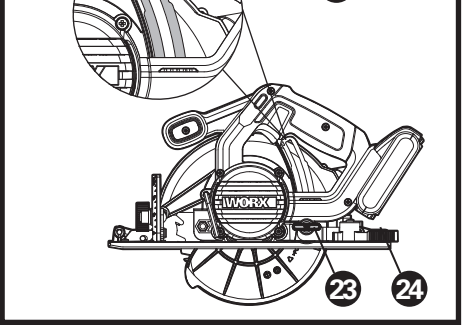
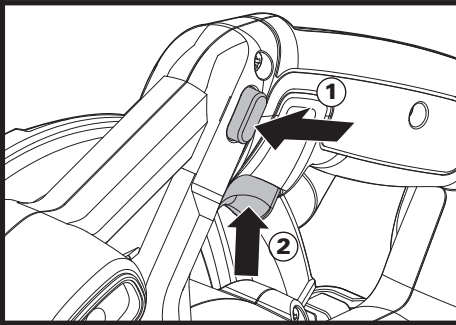
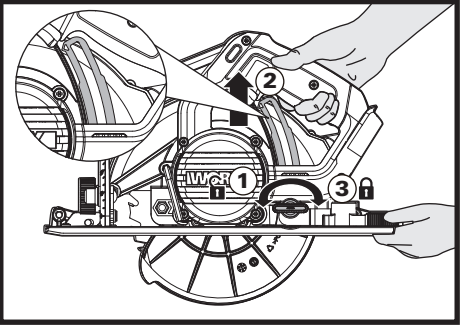


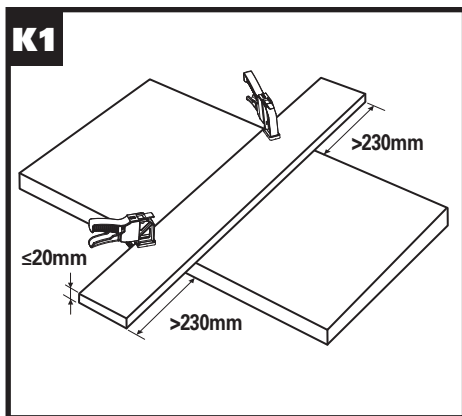
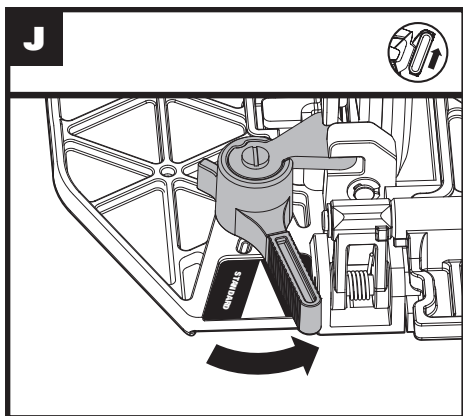
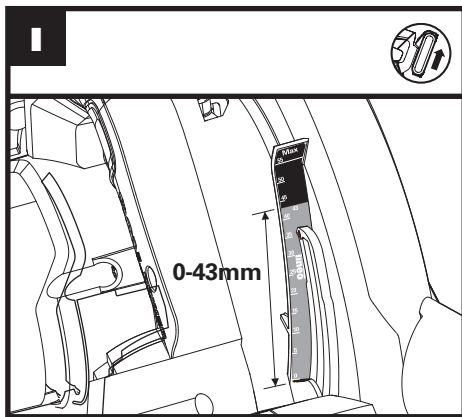
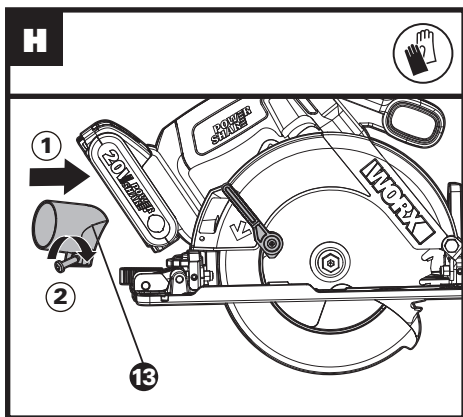
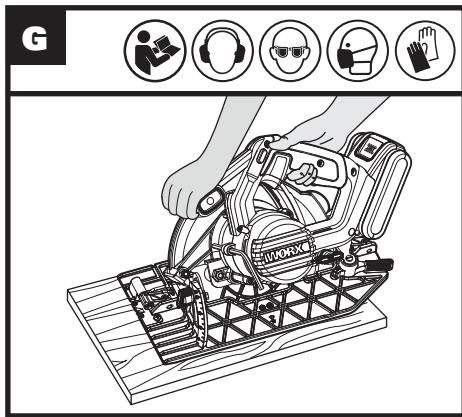
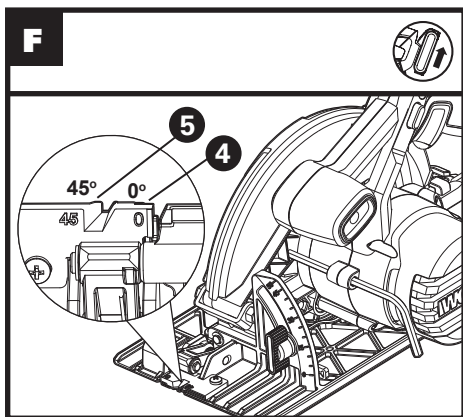
SAFETY AND OPERATING MANUAL

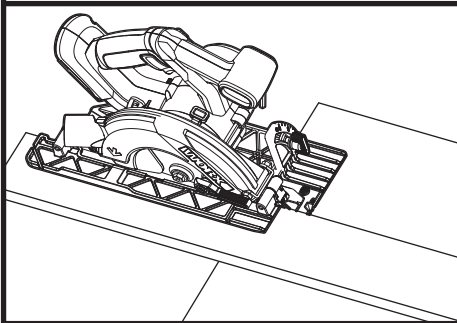
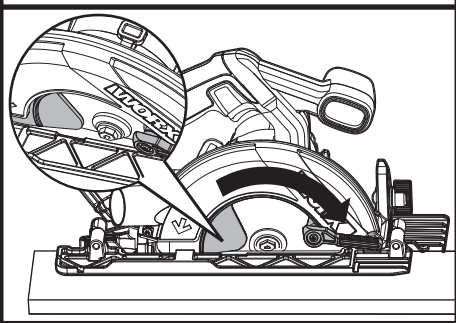
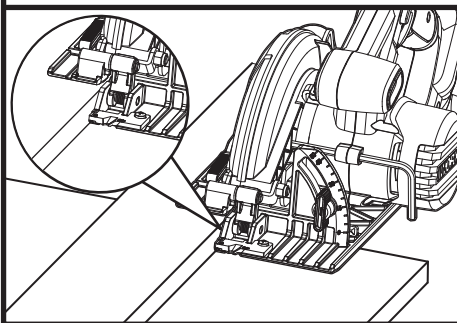
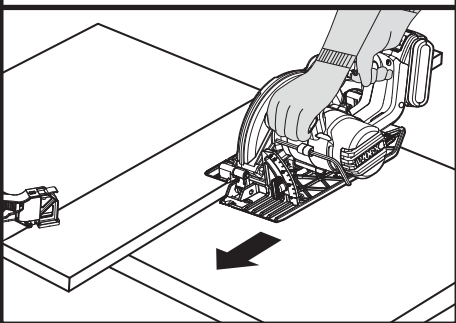
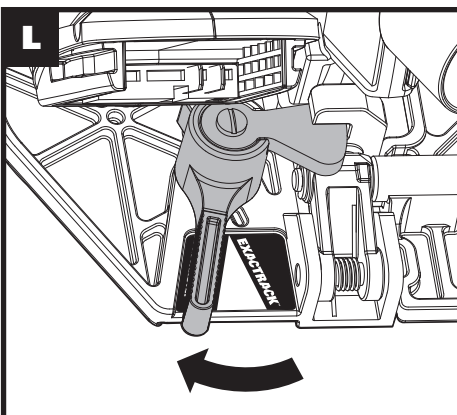
Cordless Circular Saw WX530 WX530.9





A1**A2****B****C****D****E**



K2**K3****K4****K5****L**

GENERAL POWER TOOL SAFETY WARNINGS

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

Save all warnings and instructions for future reference.

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

1. WORK AREA SAFETY

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

2) Electrical safety

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

3) Personal safety

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


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

- b) **Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- c) **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- d) **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- e) **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- f) **Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- g) **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.
- h) **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.
- 4) **Power tool use and care**
 - a) **Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
 - b) **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
 - c) **Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
 - d) **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.

- e) Maintain power tools and accessories.** Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- f) Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- g) Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.
- h) Keep handles and grasping surfaces dry, clean and free from oil and grease.** Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.
- 5) Battery tool use and care**
- a) Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- b) Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- c) When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.
- d) Under abusive conditions, liquid may be ejected from the battery; avoid contact.** If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
- e) Do not use a battery pack or tool that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
- f) Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperature above 130 °C may cause explosion.
- g) Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.** Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

- 6) Service**
- a) Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.
- b) Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorized service providers.

SAFETY INSTRUCTIONS FOR ALL SAWS

- a)  DANGER: Keep hands away from cutting area and the blade. Keep your second hand on auxiliary handle, or motor housing.** 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 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 only, 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, bound 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 bound 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.

- Maintain a firm grip with both hands 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.
- 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.
- When restarting a saw in the workpiece, centre the saw blade in the kerf and check that saw teeth are not engaged into the material.** If saw blade is binding, it may walk up or kickback from the workpiece as the saw is restarted.
- 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.
- Do not use dull or damaged blades.** Unsharpened or improperly set blades produce narrow kerf causing excessive friction, blade binding and kickback.
- Blade depth and bevel adjusting locking levers must be tight and secure before making cut.** If blade adjustment shifts while cutting, it may cause binding and kickback.
- 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

- Check lower guard for proper closing before each use. Do not operate the saw if lower guard does not move freely and close instantly. Never clamp or tie the lower guard into the open position.** If saw is accidentally dropped, 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.
- 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.
- Lower guard may be retracted manually only for special cuts such as "plunge cuts" and "compound cuts."** Raise lower guard by retracting handle and as soon as blade enters the material, the lower guard must be released. For all other sawing, the lower guard should operate automatically.
- Always observe that the lower guard is covering the blade before placing 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 INSTRUCTIONS FOR EXACTRACK™ CUTS

- The lower guard may be retracted manually only for EXACTRACK™ cuts. Raise the lower guard by the 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.
- When EXACTRACK™ cutting, the power switch can only be powered on as soon as the blade enters the material.**

ADDITIONAL SAFETY RULES FOR YOUR CIRCULAR SAW

1. Only use saw blades recommended in the specification.
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.








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) **Seek medical advice immediately if a cell or battery pack has been swallowed.**
- g) **Keep battery pack clean and dry.**
- h) **Wipe the battery pack terminals with a clean dry cloth if they become dirty.**
- i) **Battery pack needs to be charged before use. Always refer to this instruction and use the correct charging procedure.**
- j) **Do not maintain battery pack on charge when not in use.**
- k) **After extended periods of storage, it may be necessary to charge and discharge the battery pack several times to obtain maximum performance.**
- l) **Battery pack gives its best performance when it is operated at normal room temperature (20 °C ± 5 °C).**
- m) **When disposing of battery packs, keep battery packs of different electrochemical**

- n) **Recharge only with the charger specified by WORX. Do not use any charger other than that specifically provided for use with the equipment.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- o) **Do not use any battery pack which is not designed for use with the equipment.**
- p) **Keep battery pack out of the reach of children.**
- q) **Retain the original product literature for future reference.**
- r) **Remove the battery from the equipment when not in use.**
- s) **Dispose of properly.**

Symbol

	To reduce the risk of injury, user must read instruction manual
	Warning
	Wear ear protection
	Wear eye protection
	Wear dust mask
	Do not expose to rain or water
	Do not burn
	Do not dispose of batteries, Return exhausted batteries to your local collection or recycling point.
	

	Make sure the battery is removed prior to changing accessories or making any adjustments to the tool.
	Wear protective gloves
	Wood
	Carbide tipped blade
	Lock
	Unlock
	RCM marking N5112
	ABN: Australian Business Number. By this number, business information such as entity type, status, business location etc. can be found at website http://abr.business.gov.au . ABN of Positec Australia Pty Limited is 14 101 682 357

1. SAFETY BUTTON

2. ON/OFF SWITCH

3. FRONT HAND GRIP

4. CUTTING MARK, 0°

5. CUTTING MARK, 45°

6. MAIN-BASE PLATE

7. BASE PLATE BEVEL LOCK KNOB

8. BASE PLATE BEVEL ANGLE SCALE

9. HEX KEY

10. BATTERY PACK*

11. BATTERY PACK RELEASE BUTTON*

12. FIXED GUARD

13. DUST EXTRACTION OUTLET

14. LOWER GUARD LEVER

15. EXACTRACK™ SUB-BASE PLATE

16. SAW BLADE

17. OUTER FLANGE

18. BLADE BOLT

19. LOWER BLADE GUARD

20. SPINDLE

21. INNER FLANGE

22. CUTTING DEPTH SCALE (See Fig. C)


23. CUTTING DEPTH LOCK KNOB (See Fig. C)

24. SWITCH LEVER (See Fig. C)

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

TECHNICAL DATA

Type Designation **WX530 WX530.9**
(5-designation of machinery, representative of saw)

	WX530	WX530.9
Rated voltage	20 V  Max**	
No load (rated) speed	4900/min	
Blade size	165 mm	
Arbor size	16 mm	
Cutting capacity		
Cutting Depth at 45°	39 mm	
Cutting Depth at 90°	55 mm	
Bevel capacity	0-50°	
Machine weight	2.7 kg	2.3 kg

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

ACCESSORIES

	WX530	WX530.9
Carbide tipped blade	1	1
Vacuum adapter	1	1
Hex key	1	1
Battery pack (WA3551.1)	1	/
Charger (WA3860)	1	/

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.

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
BEFORE OPERATION	
Removing and installing the battery pack	See Fig. A1
Charging the battery pack	See Fig. A2
ASSEMBLY	
Saw blade Assembly and Removing WARNING: Always remove the battery before changing the blade!	See Fig. B
Hex key storage	See Fig. C
OPERATION	
Safety On/Off Switch WARNING: To avoid cutting injury from the sharp blade, please don't put your hands around the Base Plate.	See Fig. D
Cutting Depth Adjusting	See Fig. E
Cutting Guide	See Fig. F

Bevel cuts Note: Bevel cutting can't be used under EXACTRACK™ mode.	See Fig. G
Sawdust Removal	See Fig. H

EXACTRACK™

What is EXACTRACK™?

EXACTRACK™ is an innovative function, which can help to make a straight cut easier by keeping the blade flush against the cutting guide board.

Safety notes

WARNING: Blade is sharp. Always wear protective gloves.

Keep your hands off from the lower blade guard after opening the lower blade guard.

EXACTRACK™ operation scope

- EXACTRACK™ operates between 0~43mm in depth. (See Fig. I)
- EXACTRACK™ works only with 90 degree cut, it does not work with any angle of bevel cut.

Before operation

WARNING: Make sure battery is not installed prior to making any adjustments to the saw, and please place the battery pack nearby the saw.

- Adjust the desired cutting depth (range 0~43mm). (See Fig. I)
- Turn the lever to EXACTRACK™ mode. (See Fig. J)
- Mark the desired cut line on the workpiece, then clamp the cutting guide board (not supplied) to make the board edge right on the cut line, the length of the cutting guide board should leave 230mm longer at the both ends. (See Fig. K1)
- Place the EXACTRACK™ sub-base plate (red part) on the top of cutting guide board (not supplied), and ensure the main-base plate is sitting on the workpiece. (See Fig. K2)
- Open the lower blade guard manually (**keep your hands off the blade**), push the saw against the side of the cutting guide board, then release the hand off the lower blade guard. (See Fig. K3)

Operation

- Install the battery.
- Please hold the saw firmly with both hands and make sure the main base plate fits securely against the cutting guide board (not supplied) during cutting. (See Fig. K4)
- Switch on the tool to start cutting (See Fig. K5)

STANDARD Mode

For regular 90 degree or bevel cutting (disable EXACTRACK™ function), turn the lever to STANDARD mode and then your tool can be used as a standard circular saw. (See Fig. L)

The STANDARD mode can be used in the cutting depth of 0~55mm (90 degree), 0~39mm (45 degree).

For product information, go to www.worx.com and see **How To** video.



WORKING TIPS 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. Do not force the tool. Apply light and continuous pressure in order to avoid overheating the blade tips. Cutting with extreme force can significantly reduce the performance capability of the tool and reduce 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, cement board, etc. Only use saw blades recommended.

MAINTAIN TOOLS WITH CARE

Remove the battery 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. 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. Periodically clear dust and chips from guard and base to ensure proper performance.

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

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

TROUBLE SHOOTING

Symptom	Possible Causes	Possible Solution
Tool will not start when operating the on/off switch.	Battery pack not securely fitted into tool. Battery pack is not charged.	Make sure battery is fully charged and securely fit into the tool. Charge the battery pack.
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 Saw blade assembly and removing 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.



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