

WORKZONE[®] TITANIUM+

XFINITY LI-ION 20V **BRUSHLESS CIRCULAR SAW SKIN 184MM** Instruction Manual



*BATTERY NOT INCLUDED



IMPORTANT:
Read carefully before use
Keep for future reference



CONTENTS

- 1x Circular Saw Skin
- 1x 184mm Cutting Blade
- 1x Parallel Guide
- 1x Allen Key
- 1x Dust Extraction Adapter
- 1x Instruction Manual
- 1x Quick Start Guide
- 1x Warranty Certificate

AFTER SALES SUPPORT



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MODEL: CS20V PRODUCT CODE: 63350 01/2019

5

YEAR WARRANTY

MODEL NUMBER CS20V
Version number: 003

Welcome

Congratulations in choosing to buy a Workzone® Titanium 20V Li-Ion Cordless Brushless 184mm Circular Saw (battery / charger not included).

All products bought to you by Workzone® Titanium are manufactured to the highest standards of performance and safety and, as part of our philosophy of customer service and satisfaction, are backed by our comprehensive 5 Year Warranty. We hope you will enjoy your purchase for many years to come.

When you open your packaging, first remove all items and check there are no parts damaged or missing. If you find anything wrong, do not operate the product until the parts have been replaced or the fault has been rectified. Failure to do so could result in serious personal injury.

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184MM LI-ION BRUSHLESS CIRCULAR SAW – CS20V

1. Application

First time users or inexperienced operators pay particular attention to the operation of the 20V Li-Ion 184mm Brushless Circular Saw, including details of starting and stopping and correct use of the 20V Li-Ion 184mm Brushless Circular Saw on pages 19-26, as well as the maintenance instructions on pages 27.

Intended use of the the 20V Li-Ion 184mm Brushless Circular Saw (battery / charger not included)

NOTE: This product is for private domestic DIY use only.

It is not suitable for commercial or trade use.

This 20V Li-Ion 184mm Brushless Circular Saw is used for ripping and cross cutting of wood. Use the tool only for intended applications.

2. Package Content List

- | | |
|--------------------------------------|---|
| 1 x Circular Saw Skin | • Remove all packing materials |
| 1 x Parallel Guide | • Ensure all parts on the contents list are present |
| 1 x Allen Key (fitted) | • Check the appliance, and all accessories for transportation damages |
| 1 x Dust Extraction Adapter (fitted) | |
| 1 x Instruction Manual | |
| 1 x Quick Start Guide | |
| 1 x Warranty Card | |



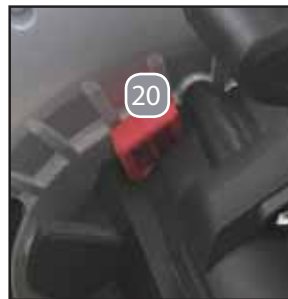
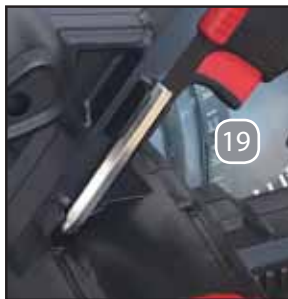
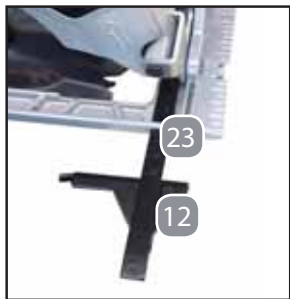
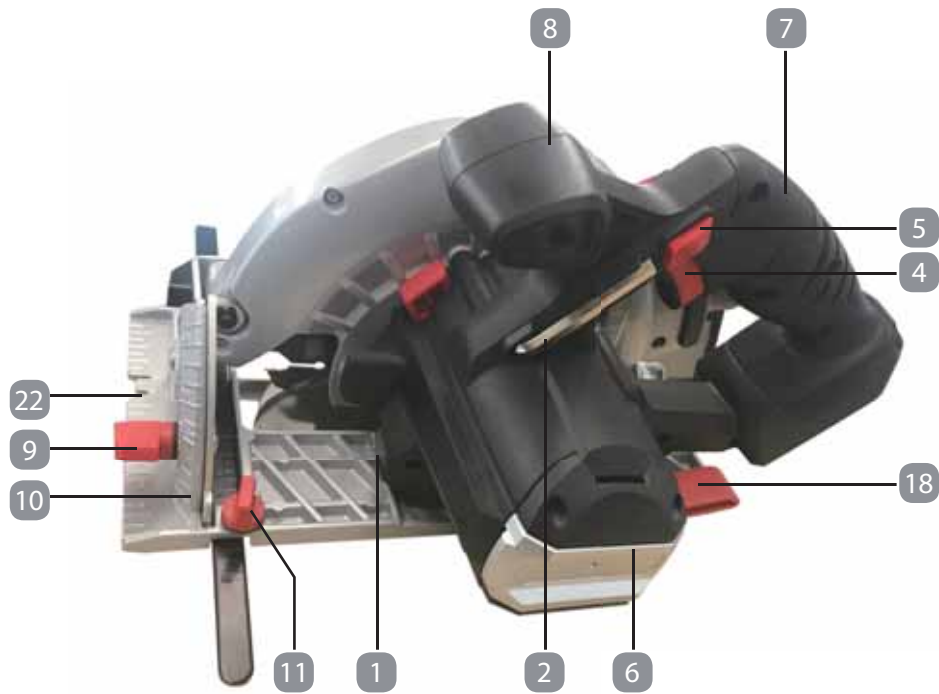
WARNING! Please read and understand this instruction manual before use and keep it for your future reference. Your power tool should only be passed on together with this instruction manual.



WARNING! To reduce risk of injury, only use 20V Xfinity Plus battery packs. Other type of battery packs may burst causing personal injury and damage. The battery pack must be recharged only with a 20V Xfinity Plus battery charger


3. Parts description


- | | |
|---------------------------------|---|
| 1. LED light | 18. Depth locking lever |
| 2. Allen Key | 19. Depth of cut indicator |
| 3. Blade rotation indicator | 20. Spindle lock button |
| 4. Trigger switch | 21. Blade |
| 5. Lock off button | 22. Blade guide notch |
| 6. Motor housing | 23. Parallel guide slots |
| 7. Main handle | 24. Blade bolt |
| 8. Front handle | 25. Inner blade flange |
| 9. Bevel adjustment knob | 26. Outer blade flange |
| 10. Bevel scale | 27. Battery Pack (<i>not included; shown only for illustrative and instructional purposes only</i>) |
| 11. Parallel guide locking knob | 28. Battery Pack release tab |
| 12. Parallel guide | 29. 20V Charger (<i>not included; shown only for illustrative and instructional purposes only</i>) |
| 13. Blade guard lever | 30. Spindle |
| 14. Lower blade guard | |
| 15. Base plate | |
| 16. Upper blade guard | |
| 17. Dust extraction adapter | |





4. Description of symbols



The instruction manual, rating plate, or on the product itself, may show these symbols. These represent important information about the product or instructions on its use.


 Caution/Warning:
Read all safety warnings and all instructions.


 Regulatory Compliance Mark. Appliance complies with requirements of electrical approval & EMC in Australia.

 Waste electrical products should not be disposed of with household waste.


 Read the instruction manual.

 Wear eye protection.
 Wear ear protection.
Wear breathing protection.

 60 Month Warranty Period.

 Wear protective gloves when handling the saw blade.
The blade has sharp edges.

5. General safety warnings

 **WARNING.** Read all safety warnings and all instructions.
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.



WARNING. Read all safety warnings and all instructions. 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 mainsoperated (corded) power tool or battery-operated (cordless) power tool.

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 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.

Additional safety rules for circular saws



WARNING! The warnings, precautions, and instructions discussed in this manual cannot cover all possible conditions and situations that may occur.

The operator must understand that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.



DANGER

- a). **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, 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.

Causes and operator prevention of kickback:

- 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.
- a. 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.
 - 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 is 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 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.

The protruding blade may cut objects that can cause kickback.

- a. 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.
- 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. Lower guard should 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.
- d. 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.
- e. Do not use abrasive wheels.**



Wear eye protection
Wear ear protection
Wear breathing protection

6. Safety notes for battery/charger.

- a. **Keep the charger away from rain or damp conditions.** Water entering into the charger will increase the risk of an electrical shock.
- b. **Only use chargers recommended by the manufacturer to recharge the battery.** There is a risk of fire if it is used with other batteries.
- c. **Never use to recharge third-party batteries.** The charger is only designed to charge the supplied batteries (Li-Ion) using the voltages specified in the Technical Data. Otherwise there is a risk of fire or explosion.
- d. **Keep the charger clean.** Contamination will increase the risk of an electrical shock.
- e. **Check the charger, cable and plug each time you use the unit.** Do not use the charger if you find any damage. Never open the charger up yourself, have it repaired by a qualified specialist only and with original replacement parts. A damaged charger, cable or plug will increase the risk of an electrical shock.
- f. **Never operate the charger on a surface that will burn easily (for example, paper, textiles etc) or in a flammable environment.** There is a risk of fire occurring as a result of the heat generated during the charging process.
- g. **Fluid can escape from the battery when used incorrectly.** Avoid all contact with this. In the event of accidental contact, rinse with water. If liquid should get into the eyes, get medical assistance. Battery fluid may result in skin irritations and burns.
- h. **Do not open the battery.** There is a risk of short-circuiting.
- i. **Protect the battery from heat, for example, from constant sun and fire.** There is a risk of explosion.
- j. **Never short circuit the battery.** There is a risk of explosion.
- k. **In the event of damage and incorrect use, vapours may come out of the battery.** Ensure your work space is well ventilated with fresh air and, if you have any symptoms, consult a doctor. These vapours may irritate the respiratory system.

7. Additional safety rules for charger & batteries

- a. **Use only compatible ALDI Xfinity 20V charger and batteries with this Circular Saw (not supplied).**
- b. **Protect the charger and battery pack against moisture including rain and high humidity.**
- c. **Always check that the power cord is correctly connected before using the charger.**
- d. **When you are not using the charger, remove the plug from the mains socket. Do not pull the plug out by the power cord.**
- e. **Handle the battery pack carefully.** Do not let it fall or be subject to impact.
- f. **Always remove the plug from the power socket before you clean or maintain the charger or battery pack.**
- g. **Do not charge the battery pack if the ambient temperature is less than 0°C or greater than 45°C.**
- h. **Do not short circuit the battery pack.** A short circuit gives rise to a heavy current causing overheating and the possibility of fire or explosion.
- i. **Do not connect a cable to the battery pack terminals.**
- j. **Make sure that no metal objects such as a nail, paper clip or coin finds its way into the charging socket.**
- k. **A damaged battery pack or one which no longer holds its charge must be disposed of in a special way and not placed for normal household rubbish collection.**
- l. **Never throw a battery pack into a fire or into water.**
- m. **Keep handles dry, clean and free from oil and grease. Slippery handles do not allow for safe handling and control of the tool in unexpected situations.**

NOTE: This unit may not be used by people (including children) with reduced physical, sensory or mental capacities, with a lack of experience and without the appropriate knowledge, unless they are supervised by someone who is responsible for their safety or have been instructed by such a person with regard to how the unit is to be operated. Children should be supervised to ensure that they do not play with the device.

8. Important information – Product care

NOTE: Xfinity Battery and Charger not included. For any issues related directly to your purchased ALDI Xfinity Battery / charger, contact the Customer Service of the manufacturer as listed on the battery / charger packaging, manual or on the label on the battery / charger.

This Circular Saw uses Lithium Ion Battery Cells. Care MUST be taken to ensure both the safety and life of the pack is maintained. Ensure you have read all of the safety notes in the previous pages before using the Circular Saw .

Treat the battery pack with care and within the guidelines of this manual and the supplied manual included with the purchase of ALDI 20V Xfinity Battery/s.

If the battery pack does become immersed in water or any fluids, or is subject to a severe drop or it does not operate within the guidelines of this manual or the supplied manual included with the purchase of ALDI Xfinity Batteries, immediately STOP using the battery pack and have it checked.

9. Assembly

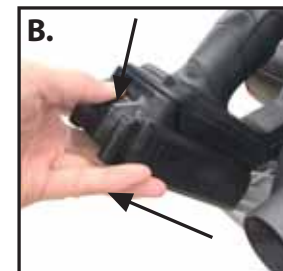
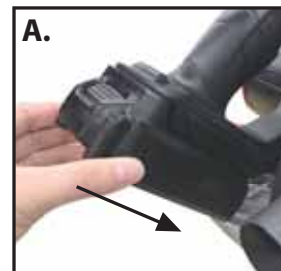
This circular saw comes fully assembled and only requires attachment of the battery pack (27)* before use. (*Battery not included).

Fitting and removing the Battery Pack from the Circular saw and Charger.

NOTE: (Xfinity 20V Battery pack and charger is not included with this product; it is shown only for illustrative and instructional purposes only)

1. To install your purchased Xfinity 20V battery pack (27) on to the circular saw, align the grooved guide rails of the battery pack (27) with the raised guide rails on the fitment area for the battery on the circular saw. Slide it firmly into position until the battery is secure. When it is secured you will hear it engage with a snap / click (Fig A).
2. To remove the battery pack (27) press the battery pack release button (28) and slide the battery pack (27) completely out and away from the circular saw (Fig B).
3. When applying the battery pack (27) onto your purchased Xfinity 20V charger (29), align the grooved guide rails of the battery pack (27) with the raised guide rails on the charger (29). When the battery is secured you will hear it engage with a snap / click.
4. To remove the battery pack (27) from the charger (30), press the battery release button (29) on the battery pack (27) and slide away from the charger (29) in the reverse direction it was installed (Fig C).

NOTE: For any issues related directly to your purchased ALDI Xfinity Battery / charger, contact the Customer Service of the manufacturer as listed on the battery / charger packaging, manual or on the label on the battery / charger.



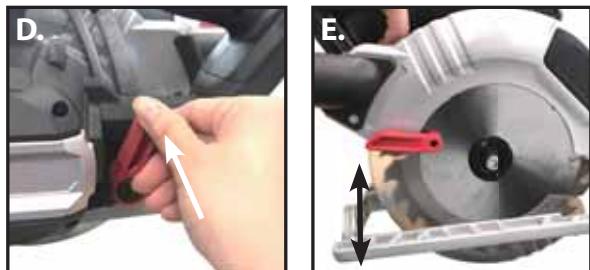
10. Operation

Adjusting the Cutting Depth

WARNING: Always ensure that the circular saw is switched off and the battery (27) is removed before making any adjustments.

1. Ensure that the saw is facing away from you.
2. Loosen the depth locking lever (18) (Fig D).
3. Hold the base plate (15) flat against the edge of the work piece and lift the body of the saw until the blade is at the right depth (Fig E). Use the depth of cut indicator (19) to determine the cutting depth.
4. Tighten the depth locking lever (18).

NOTE: Always use the correct blade depth setting. The correct blade depth setting for all cuts should not be more than (6.35mm) 1/4" below the material being cut. Allowing more depth will increase the chance of kickback and result in a rough cut.



Adjusting the Bevel Angle

WARNING: Always ensure that the circular saw is switched off and the battery (27) is removed before making any adjustments.

1. The circular saw can be adjusted to cut at any angle between 0° and 50°. When making 45° bevel cuts, there is a blade guide notch (22) on the circular saw base to help you line up the blade with the line of cut (Fig F). Align your line of cut with the inner blade guide notch on the base of the circular saw when making 45° bevel cuts.

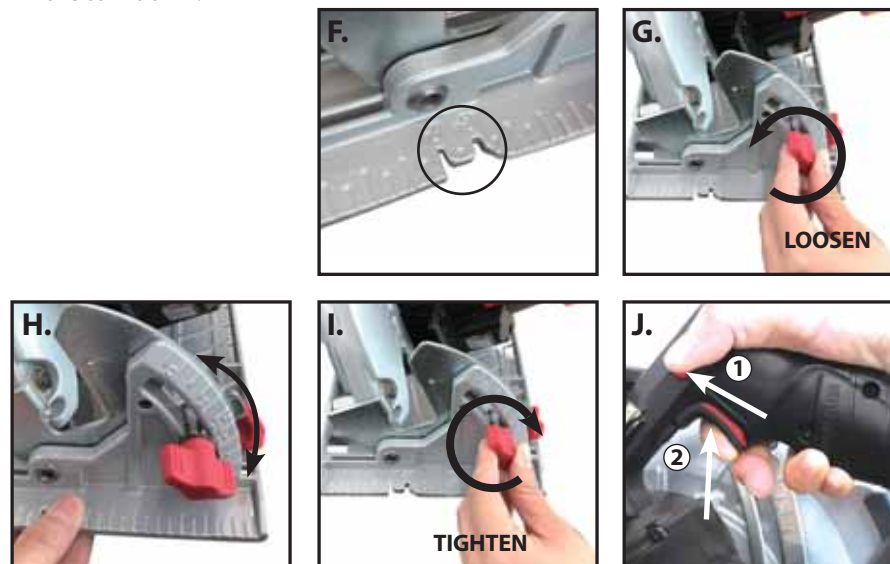
2. Loosen the bevel adjustment knob (9) located at the front of the base plate (15) (Fig G).
3. Tilt the body of the saw until the required angle is reached using the bevel scale (10) as a guide (Fig H).
4. Tighten the bevel adjustment knob (9) to secure the base plate (15) (Fig I).

NOTE: Always make a trial cut in a scrap piece of material along a guideline to determine how much you should offset the blade from the guide line to make an accurate cut.

Switching On and Off

1. Attach the battery pack (27) to the circular saw.
2. Depress the lock off button (5) and squeeze the trigger switch (4) (Fig J).
3. The blade will take approximately 2 seconds to reach full speed.
4. When you release the trigger, the machine turns off and the lock off button (5) re-engages to prevent accidental operation.

CAUTION: Allow the blade (21) to come to a complete standstill before setting the saw down.



Using the LED Light

1. When the circular saw is switched on (the trigger switch (4) is depressed), the LED light (1) also comes on to ensure better vision and to make working in dark areas more safe (Fig K).

The LED light (1) goes out when the trigger switch (4) is released.

CAUTION! LED is laser class 1!

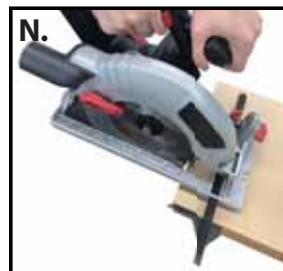
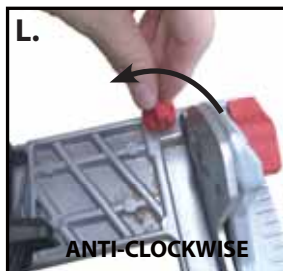
Do not look directly into the laser as this may result in damage to the eyes.

Using the Parallel Guide

The parallel guide (12) allows you to make parallel cuts in a sheet of wood, all at the same width.

WARNING: Always ensure that the circular saw is switched off and the battery (27) is removed before making any adjustments.

1. Loosen the parallel guide locking knob (11) (Fig L).
2. Slide the parallel guide (12) through the parallel guide slots (23) in the base plate (15) (Fig M).
3. Adjust the parallel guide to the required width and secure it in position with the parallel guide locking knob (11).
4. Ensure that the parallel guide rests against the wood along its entire length to give a consistent parallel cut (Fig N).



Making a cut

1. Mark the line of cut on your work piece.
2. Adjust the depth of cut and bevel angle as required per previous instructions.
3. When making 90° cross or rip cuts, align your line of cut with the outer blade guide notch (22) on the base plate (15) of the saw (Fig O).
4. When making 45° bevel cuts, align your line of cut with the inner blade guide notch on the base plate (15) of the saw.
5. Rest the front edge of the base on the work piece (Fig P).
6. Start the motor by depressing the lock off button (5) and squeezing the trigger switch (4).

NOTE: Always let the blade reach full speed (approximately 2 seconds) before you begin to cut into the work piece.

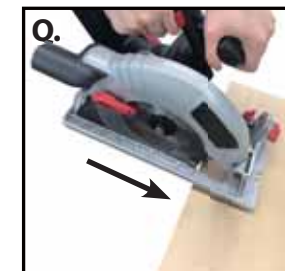
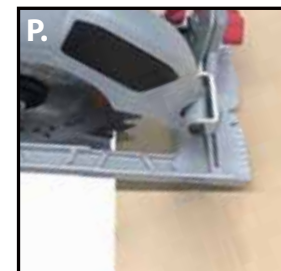
7. Slowly push the circular saw forward using both hands (Fig Q).
8. When making a cut always use steady, even pressure.

Forcing the circular saw causes rough cuts and could shorten the life of the circular saw or cause kickback. Allow the blade and the circular saw to do the work.

9. After completing your cut, release the trigger switch and allow the blade to come to a complete stop.

Do not remove the saw from the work piece while the blade is moving.

NOTE: Since blade thickness varies, always make a trial cut in scrap material along the guideline to determine how much, if any, the guideline must be offset to get an accurate cut.



Making a Pocket Cut

1. Adjust the depth of cut as required per previous instructions
2. Adjust the bevel setting to 0°.
3. Raise the lower blade guard lever (13) to expose the saw blade (21) and firmly rest the front of the base flat against the work piece with the rear handle raised so the blade (21) does not touch the work piece (Fig R).
4. With the blade (21) just clearing the work piece, start the motor by depressing the lock off button (5) and squeezing the trigger switch (4).
5. Always let the blade reach full speed (approximately 2 seconds) before you begin to cut into the work piece.
6. Slowly lower the circular saw into the work piece, using the front of the base resting on the work piece as a hinge point.

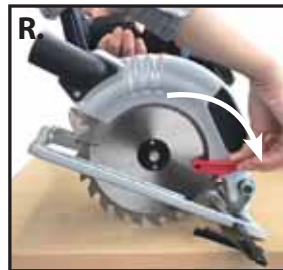


WARNING. As soon as the blade starts cutting the material, release the lower blade guard lever (13).

7. Once the base plate (15) is flat against the work piece, proceed cutting in a forward direction to the end of the cut.
8. After completing your cut, release the trigger switch (4) and allow the blade (21) to come to a complete stop.

Do not remove the circular saw from the work piece while the blade (21) is moving.

NOTE: If the corners of your pocket cut are not completely cut through, use a jigsaw or hand saw to finish the corners.



Circular Saw Cutting Tips

Always hold the main handle (7) with one hand and the front handle (8) with the other. Maintain a secure grip and use the on/off switch with a positive action. Never force the circular saw. Use continuous and light pressure. If cutting is interrupted, note that when resuming cutting to depress the lock off button (5) and squeeze the trigger switch (4). Allow the blade (21) to reach full speed, re-enter the cut slowly and resume with cutting.

When using the circular saw to cut across the grain of the work piece, the fibres of the wood may have a tendency to tear and lift. Pushing the saw slowly will minimize this effect.

Changing the Blade



WARNING: Always ensure that the circular saw is switched off and the battery (27) is removed before making any adjustments.

1. Place the circular saw on its side on a flat surface.
2. Rotate the saw blade (21) by hand whilst depressing the spindle lock button (20) until the blade locks (Fig S).
3. Whilst depressing the spindle lock button (20), turn the blade bolt anti-clockwise using the supplied allen key (2) (Fig T).
4. Remove the blade bolt (24) and outer blade flange (26).
5. Raise the lower blade guard (14) using the blade guard lever (13).
6. Remove the saw blade (21) from the inner blade flange (25) and slide it out and away from the circular saw (Fig U)

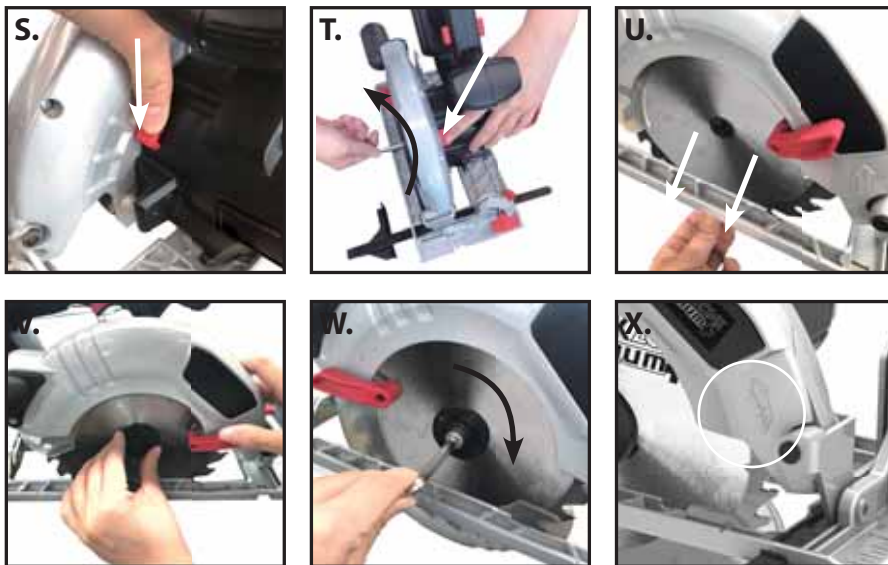
NOTE: We recommend wearing gloves when removing the blade (21).

7. Clean the saw blade flanges thoroughly before mounting a new saw blade. Wipe a drop of oil onto the inner and outer flanges where they will touch the blade.

8. Mount the new saw blade onto the spindle (30) and against the inner blade flange (25).
9. Replace the outer blade flange (26) over the saw blade (21) (Fig V), and tighten the blade bolt (24) using the supplied allen key (2) in a clock wise direction (Fig W).

⚠ WARNING: The direction in which the blade rotates has to be the same as the direction per the blade rotation indicator (3) (Fig X).

10. Ensure that the spindle lock button (20) is released.
 11. Before using the saw again, check that the safety devices are in good working order.
- IMPORTANT.** After replacing the saw blade (21), make sure that the saw blade (21) runs freely by turning the blade by hand.
12. Attach the battery pack (27) to the circular saw and run the saw under no load to check that it runs smoothly before using it to cut any material.




Dust extraction outlet / adapter

1. A vacuum or dust extraction appliance can be fitted to the dust extraction adapter (17) by inserting the hose into the port of the dust extraction adapter (17). Ensure the fit is secure.
2. To remove the dust extraction adapter (17), loosen the assembly screw using a philips head screwdriver (not supplied) in an anticlockwise direction. Remove the screw, and pull the dust extraction adapter (17) out and away from the saw (Fig Y Z).
3. To re-attach, place the dust extraction adaptor (17) over and around the dust extraction port recess area, lining up the screw hole on the adapter and the hole on the recess. Insert the assembly screw and tighten in a clockwise direction using a philips head screwdriver (not supplied). Ensure the fit is secure.



11. Maintenance

 **WARNING:** Always ensure that the circular saw is switched off and the battery (27) is removed before making any adjustments.

Cleaning

1. Keep the tool's air vents unclogged and clean at all times.
2. Remove dust and dirt regularly. Cleaning is best done with a rag.
3. Re-lubricate all moving parts at regular intervals.
4. If the body of the saw needs cleaning, wipe it with a soft damp cloth. A mild detergent can be used but nothing like alcohol, petrol or other cleaning agent.
5. Never use caustic agents to clean plastic parts.

CAUTION. Do not use cleaning agents to clean the plastic parts of the tool. A mild detergent on a damp cloth is recommended. Water must never come into contact with the tool.

General inspection

Regularly check that all the fixing screws are tight. They may vibrate loose over time.

Battery Maintenance

To maintain battery capacity, always refer to the specific instructions in the supplied manual included with the purchase of ALDI 20V Xfinity Batteries. It is recommended to recharge your battery every two months. Store only fully charged batteries. They should therefore be recharged from time to time. The place of storage must be dry.

CAUTION. Electrical and battery operated units that no longer work should not be disposed of in the household waste! They are to be collected separately, in accordance with your local waste disposal regulations.

ATTENTION! Batteries must be removed from battery powered tools and disposed of separately in accordance with relevant waste battery regulations.

Batteries must never be disposed of with domestic waste!

Discard power tools that are no longer usable at a local collection point.

Collection and disposal of packaging materials separately by types complying with local rules and regulations. For details, please contact your local council.

Storage & Transporting

- When transporting the circular saw, always remove the battery pack (27) from the saw.
- When not using the circular saw, store both the battery and the circular saw in a clean, dry environment.

12. Warranty

Your new WORKZONE® TITANIUM 20V Li-Ion Cordless Brushless 184mm Circular Saw will more than satisfy your expectations.

It has been manufactured under stringent WORKZONE® TITANIUM Quality Standards to meet superior performance criteria.

You will find your new 20V Li-Ion Cordless Brushless 184mm Circular Saw easy and safe to operate, and, with proper care, it will give you many years of dependable service.

CAUTION. Carefully read through this entire instruction manual before using your new WORKZONE® TITANIUM 20V Li-Ion Cordless Brushless 184mm Circular Saw. Take special care to heed the Cautions and Warnings.

Your WORKZONE® TITANIUM 20V Li-Ion Cordless Brushless 184mm Circular Saw has many features that will make your job faster and easier. Safety, performance, and dependability have been given top priority in the development of this 20V Li-Ion Cordless Brushless 184mm Circular Saw, making it easy to maintain and operate.

Use only WORKZONE® TITANIUM replacement parts for your product.

Non-conforming parts or modifications made to parts will void your warranty.

Environmental protection



Recycle unwanted materials instead of disposing of them as waste. All tools, hoses and packaging should be sorted, taken to the local recycling centre and disposed of in an environmentally safe way.

What your 5 year warranty means

Great care has gone into the manufacture of this product and it should therefore provide you with years of good service when used properly.

In the event of product failure within its intended use over the course of the first 5 years after the date of purchase, we will remedy the problem as quickly as possible once it has been brought to our attention. In the unlikely event of such an occurrence, or if you require any information about the product please contact us via our after sales support services, details of which can be found in this manual and on the product itself.

After Sales Support TEL: 1300 889 028

Service Support

If you have any issues with the operation of your product, please call us on 1300 889 028 for advice, or email us at info.aldi@positecgroup.com

Accessories and After Sales Parts

The following is available for purchase by visiting <https://help.tools/> or calling our customer service hotline on: 1300 889 028



1. 63350-BL: 184mm Blade

13. FAQ/Troubleshooting

Trouble	Problem	Suggested remedy
Circular Saw will not start	Battery pack (27)* is flat.	Recharge the battery pack (27)*
	Burned out switch	Contact Customer Service for further advice.
	Faulty motor	Contact Customer Service for further advice.
Blade does not reach full speed	Tool is overheating	Turn off the tool and let it cool down to room temperature. Inspect and clean the ventilation slots. During use, do not push as hard.
Poor cutting	Blunt blade	Replace or sharpen circular saw blade (21).
Vibration or abnormal noise	Loose parts	Check to see that all knobs and levers are securely tightened including bevel adjustment knob (9), depth locking lever (18) and parallel guide locking knob (11).
	Blade vibrating	Ensure that the blade bolt (24) is securely tightened. Check for any missing teeth on the blade, and replace the blade (21) if necessary.
	Moving parts excessively worn	Contact Customer Service for further advice.

* Battery and Charger not included with this product

For further inquiries or issues associated with your Circular Saw, call our Customer Service on 1300 889 028 or email us at info.aldi@positecgroup.com

14. Technical Specifications

Voltage:	20Vd.c.
No Load Speed:	4500/min
Blade Diameter:	184mm
Blade Teeth:	24 T
Blade Arbour:	16mm
Blade – Width of cut:	1.6mm
Max. Speed of blade:	8000/min
Max. Cutting angle:	50°
Max. Depth of cut at 90°:	62mm
Max. Depth of cut at 45°:	43mm
Machine Weight:	3.4kg

This 20V Li-Ion Cordless Brushless 184mm Circular Saw complies with the following Standards:

Safety:	IEC 62841-1 IEC 62841-2-5 AS/NZS 62841.1 AS/NZS 62841.2.5
EMC:	EN 55014-1 EN 55014-2

Circular Saw 20V

Warranty Details


REGISTER YOUR PURCHASE AT www.aldi.com.au/en/about-aldi/product-registration/ TO KEEP UP-TO-DATE WITH IMPORTANT PRODUCT INFORMATION

The product is guaranteed to be free from defects in workmanship and parts for a period of 60 months from the date of purchase. Defects that occur within this warranty period, under normal use and care, will be repaired, replaced or refunded at our discretion. The benefits conferred by this warranty are in addition to all rights and remedies in respect of the product that the consumer has under the Competition and Consumer Act 2010 and similar state and territory laws.


Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.



AFTER SALES SUPPORT

 **AUS** 1300 889 028 (toll free)

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 e-mail: info.aldi@positecgroup.com
MODEL No.: CS20V • 63350 • 01/2019

Circular Saw 20V

Repair and Refurbished Goods or Parts Notice

Unfortunately, from time to time, faulty products are manufactured which need to be returned to the Supplier for repair.

Please be aware that if your product is capable of retaining user-generated data (such as files stored on a computer hard drive, telephone numbers stored on a mobile telephone, songs stored on a portable media player, games saved on a games console or files stored on a USB memory stick) during the process of repair, some or all of your stored data may be lost.

We recommend you save this data elsewhere prior to sending the product for repair.


You should also be aware that rather than repairing goods, we may replace them with refurbished goods of the same type or use refurbished parts in the repair process.

Please be assured though, refurbished parts or replacements are only used where they meet ALDI's stringent quality specifications.

Please call us on 1300 889 028, or email us at info.aldi@positecgroup.com
Positec Australia Pty Limited, 10 Corporate Blvd, Bayswater Victoria, Australia 3153
Positec Help Desk 1300 889 028 (Operating Hours: Mon-Fri 9:00 AM to 5:00PM EST)
EMAIL: info.aldi@positecgroup.com
INTERNET: <https://help.tools/>



AFTER SALES SUPPORT

 **AUS** 1300 889 028 (toll free)

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MODEL No.: CS20V • 63350 • 01/2019



WORKZONE[®]

TITANIUM+

ALDI guarantees that our exclusive brand products are developed to our stringent quality specifications. If you are not entirely satisfied with this product, please return it to your nearest ALDI store within 60 days from the date of purchase for a full refund or replacement, or take advantage of our after sales support by calling the supplier's Customer Service Hotline.

WORKZONE[®] TITANIUM is a registered trademark of ALDI Stores



Made in China

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DISTRIBUTED BY:

ALDI STORES

1 SARGENTS ROAD, MINCHINBURY NSW 2770

www.aldi.com.au

CONTENTS

- 1x Circular Saw Skin
- 1 x 194mm Cutting Blade
- 1 x Parallel Guide
- 1 x Allen Key
- 1 x Dust Extraction Adapter
- 1 x Instruction Manual
- 1 x Quick Start Guide
- 1 x Warranty Certificate

AFTER SALES SUPPORT



AUS 1300 889 028



info.aldi@positecgroup.com

MODEL: CS20V

PRODUCT CODE: 63350

01/2019

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YEAR WARRANTY