# MAINTENANCE

ALWAYS ENSURE THE TOOL HAS COMPLETELY STOPPED AND THE BATTERY IS REMOVED PRIOR TO ANY MAINTENANCE.

- Keep ventilation slots of the circular saw clean at all times to ensure efficient
- After each use, blow air through the tool housing to ensure it is free from all dust dirt, etc. Build up of dust, dirt particles may cause the tool to overheat and shorten the life of the tool.
- If the housing of the circular saw requires cleaning, do not use solvents but a moist soft cloth or soft brush only.
- Never let any liquid get inside the tool, never immerse any part of the tool into liquid.
- No lubrication is necessary as the tool has sealed bearings.
- When not in use, the circular saw should be stored in a dry, frost free location not within the reach of children.

Note: Ozito Industries will not be responsible for any damage or injuries caused by the repair of the circular saw by an unauthorised person or by mishandling of the circular saw.

# Battery protection system

The tool is equipped with the battery protection system, which helps to ensure a long service

The output power automatically cuts off during operation when the tool and/or battery are placed under the following situations:

- When the tool is overloaded:
- If this occurs, release the trigger switch and remove causes of overload, then pull the switch trigger again to restart.
- When the remaining battery capacity becomes low: Recharge the battery pack.

**Note:** The battery protection system does not in any way damage the tool.

**Note:** The indicated capacity may be lower than the actual level during use or immediately

after using the tool.

# SERVICE INFORMATION

Please note that the following parts of this product are subject to normal or natural wear and that the following parts are therefore also required for use as consumables.

Category	Example
Wear parts*	Battery
Consumables*	Saw blade
Missing parts	

\* Not necessarily included in the scope of delivery!

# **SPARE PARTS**

Spare parts can be ordered from the Special Orders Desk at your local Bunnings Warehouse or Homebase store. For further information, or any parts visit www.ozito-diy.co.uk or contact Ozito Customer Service: Great Britain: 0151 294 4488

Ireland: 1850 882711 E-mail: info@ozito-diy.co.uk

# **TROUBLESHOOTING**

# LED lights do not illuminate on charger

Check the charging adaptor is securely plugged into the wall out let. Check the battery is firmly connected to the charging cradle. Check that the charging jack is securely connected to the charging cradle.

### Sparking visible through the housing air vents

A small amount of sparking may be visible through the housing vents. This is normal and does not indicate a problem.

### Circular Saw Tips

Always hold the soft grip handle with one hand and the front handle with the other.

Maintain a firm grip and operate the on/off switch with a positive action.

Never force the saw. Use light and continuous pressure

**DESCRIPTION OF SYMBOLS** 

**Danger!** Read the operating instructions to reduce the risk of inquiry.

Caution! Wear ear-muffs. The impact of noise can cause

use the device to work on any materials containing asbestos!

Pull out the plug or battery pack!

Caution! Wear a breathing mask. Dust which is injurious to

Caution! Wear safety goggles. Sparks generated during

working or splinters, chips and dust emitted by the device can cause loss

Caution! Risk of injury! Do not reach into the running saw blade.

health can be generated when working on wood and other materials. Never

When cutting is interrupted, to resume cutting, depress the lock-off button and squeeze the on/off switch and allow the blade to reach full speed, re-enter the cut slowly and resume cutting.

When cutting across the grain, the fibres of the wood have a tendency to tear and lift. Advancing the saw slowly minimizes this effect. For a finished cut, a cross cut blade or mitre blade is recommended.

Sound and vibration values were measured in accordance with EN 60745.

### Wear ear-muffs.

The impact of noise can cause damage to hearing.

Vibration emission value  $a_{hw} = 3.534 \text{ m/s}^2$ K uncertainty = 1.5 m/s2

### Additional handle

Vibration emission value  $a_{h,w} = 3.889 \text{ m/s}^2$ K uncertainty = 1.5 m/s<sup>2</sup>

- Do not overload the appliance.
- Switch the appliance off when it is not in use.

# **SOUND & VIBRATION**

83.83 dB L sound pressure level sound power level: 94.83 dB uncertainty:

Total vibration values (vector sum of three directions) determined in accordance with EN 60745.

### Keep the noise emissions and vibrations to a minimum Only use appliances which are in perfect working orde

- Service and clean the appliance regularly.
- Adapt your working style to suit the appliance
- Have the appliance serviced whenever necessary
- Wear protective gloves.

Never place any electric power tools in your household refuse.

To comply with European Directive 2012/19/EC concerning old electric and electronic equipment and its implementation in national laws, old electric power tools have to be separated from other waste and disposed of in an environment-friendly fashion, e.g. by taking to a recycling depot.

# Recycling alternative to the return request:

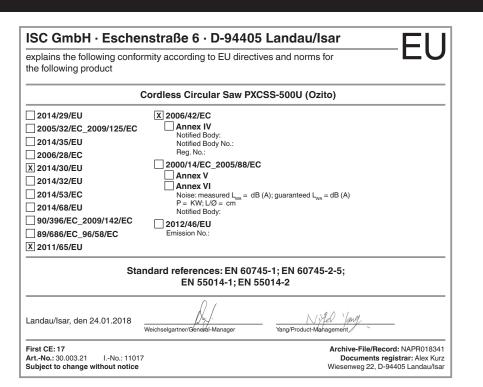
As an alternative to returning the equipment to the manufacturer, the owner of the electrical equipment must make sure that the equipment is properly disposed of if he no longer wants to keep the equipment. The old equipment can be returned to a suitable collection point that will dispose of the equipment in accordance with the national recycling and waste disposal regulations. This does not apply to any accessories or aids without electrical components supplied with the old equipment.

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Subject to technical changes

For FU countries only

# DECLARATION OF CONFORMITY



# **A** ELECTRICAL SAFETY

### WARNING! When using mains-powered tools, basic safety precautions, including the following, should always be followed to reduce risk of fire, electric shock, personal injury and material damage.

ad the whole manual carefully and make sure you know how to switch the tool off in an emergency, before operating the too ave these instructions and other documents supplied with this tool for future reference

Before you connect the charger to the mains supply make sure that the data on the rating plate are identical to the mains data



4. Usage and treatment of the electric tool

Using and handling the cordless tool

If the supply cord is damaged, it must be replaced by an electrician or a power tool repairer in order to avoid a hazard Note: Double insulation does not take the place of normal safety precautions when operating this tool. The insulation system is for added protection against injury resulting from a possible electrical insulation failure within the tool.

a) Do not overload the appliance. Use the correct tool for your work. You will be able to work better an

c) Pull the plug out of the socket and/or remove the battery before making any adjustments to

the appliance, changing accessories or put the appliance down. This safety measure prevents starting the

familiar with the appliance or who have not read these instructions to use the appliance. Electric

e) Clean your electric tool carefully. Check whether moving parts are functioning properly and not

jamming, whether parts are broken or damaged enough that the functioning of this electric tool is affected. Have damaged parts repaired before using the appliance. Many accidents are caused by badly

f) Keep your cutting tools sharp and clean. Carefully maintained cutting tools with sharp cutting edges will jam less

g) Make sure to use electric tools, accessories, attachments, etc. in accordance with these

instructions. Take the conditions in your work area and the job in hand into account. Using electric

a) Only charge the batteries in chargers that are recommended by the manufacturer. A charger that

b) Use only the correct batteries in the electric tools. The use of other batteries may result in injuries and a fire

c) Keep unused batteries away from paper clips, coins, keys, nails, screws and other metallic

d) Keep unused electric tools out of the reach of children. Do not allow people who are not

b) Do not use an electric tool with a defective switch. An electric tool that cannot be switched on or off is

The power supply for this products charger should be protected by a residual current device (rated at 30mA or less). A residual current

# **▲ GENERAL POWER TOOL SAFETY WARNINGS**

DANGER! Read all safety regulations and instructions. Any errors made in following the safety Keep all safety regulations and instructions in a safe place for future use. The term "electric tool" user

electric tools (without a power cable).

# 1. Workplace safety a) Keep your work area clean and well illuminated. Untidy or unlit work areas can result in accident

b) Do not operate the electric tool in an environment where there is a risk of explosions and where there are inflammable liquids, gases or dust. Electric tools produce sparks which

c) Keep the electric tool out of the reach of children and other persons. If there is a distraction, you may

 Electrical safety
 a) The connector plug from this electric tool must fit into the socket. The plug should never be
 alectric tools. Unaltered plugs are storether with earthed electric tools. Unaltered plugs are b) Avoid bodily contact with earthed surfaces such as pipes, heating, ovens and fridges. The risk of

c) Keep the tool out of the rain and away from moisture. The ingress of water into an electric tool increases the

d) Do not use the cable to carry the electric tool, to hang it up or to pull it out of the socket. Keep the cable away from heat, oil, sharp edges and moving parts of the appliance. Damaged o

e) If you are working outdoors with an electric tool, only use extension cables which are designed specifically for this purpose. Using specially designed outdoor extension cables, the risk of electric shock is reduced.

f) If operation of the electric tool in a damp environment can not be avoided, use a earth-leakage circuit-breaker. The earthleakage circuit-breaker reduces the risk of an electric shock.

### a) Be careful, watch what you are doing and use an electric tool sensibly. Do not use the tool if

attached and correctly used. The use of

Additional safety instructions for all saws

Causes of and ways to avoid recoil:

b) Wear personal protection equipment and always wear safety goggles. Wearing personal protectio (such as dust masks, non-slip safety shoes, safety helmet or ear protection, depending upon the type and use of the electric tor

reduces the risk of injury. c) Make sure that the appliance cannot start up accidentally. Ensure that the electric tool is switched off before you connect it to the power supply and/or insert the battery, or pick up or carry the tool

j) If vacuuming devices and draining devices can be fitted, make sure that these are correctly

a) Do not reach into the sawing area or touch the saw blade. Hold the additional handle or the

motor casing with your other hand. If you hold the circular saw in both hands, the saw blade cannot injure them.
b) Do not reach under the workpiece. The guard hood cannot protect you from the saw blade under the workpiece.

c) Adjust the cutting depth to the thickness of the workpiece. Less than one full tooth height should be vis

d) Never hold the workpiece you wish to saw in your hand or on your leg. Secure the workpiec

e) Hold the appliance only by the insulated handles when carrying out work during which the

f) Always use a stop or a straight edge when carrying out longitudinal cuts. This will improve your

g) Always use saw blades of the correct size and with a suitable mounting hole (diamond-shaped

h) Never use damaged or incorrect saw blade washers or screws. The saw blade washers and screws have

A recoil is the sudden reaction resulting from a caught, jammed or incorrectly aligned saw blade which may result in the saw leaping out of the workpiece out of control and towards the operator.

If the saw blade becomes caught or jammed in closing saw gap, it will block and the power of the motor will cause the saw to

. If the saw blade is twisted or incorrectly aligned in the cut, the teeth in the rear saw blade edge may become caught in the su

a) Hold the saw firmly in both hands and hold your arms in a position in which you can withstand the recoil forces. Always hold the saw blade to one side. Never hold the saw blade in a straight line with your body. In the event of a recoil the circular saw may leap backwards, but the user can still overcome the recoil

b) If the saw blade jams or the sawing operating is interrupted for another reason, release the ON/OFF switch and hold the saw steady in the workpiece until the saw blade has reached a complete standstill. Never attempt to take the saw out of the workpiece or to pull it backwards

of the workpiece, which results in the saw blade leaping out of the saw gap and the saw leaping towards the operator

A recoil is the result of incorrect or wrong use of the saw. It can be prevented by suitable precautions, as described below

utting tool could strike concealed power cables or its own cable. Contact with

d) Remove keys and wrenches before switching on the electric tool. A tool or key which comes into contact e) Avoid abnormal working postures. Make sure you stand squarely and keep your balance at all

f) Wear suitable work clothes. Do not wear loose clothing or jewellery. Keep hair, clothes and

CIRCULAR SAW SAFETY WARNINGS

existing wall. The plunge-cutting saw blade

Do not lose these safety instructions

Safety instructions for saws with a swing guard hood

h) Do not use grinding wheels!

j) Use only recommended saw blades!

to be able to assemble the best possible battery packs. Despite all the safety precautions, caution must always be exercised when handling batteries. The following points must be obeyed at all times to ensure safe use. Safe use can only be guaranteed if undamaged cells are used. Incorrect handling can cause cell damage

whilst the saw blade is moving or there is a possibility of a recoil. Find the reason for the blade jamming and

c) If you wish to restart a saw that is already in the workpiece, center the saw blade in the saw

d) Support large panels to reduce the risk of a recoil by a jammed saw blade. Large panels may sag

e) Do not use blunt or damaged saw blades. Saw blades with blunt or incorrectly aligned teeth will create increased

f) Secure the cutting depth and cutting angle settings before starting to saw. If the settings change as

a) Check that the bottom safety hood closes perfectly before using the appliance. Do not use the

b) Check the function of the spring on the bottom safety hood. Have the appliance serviced before you use it if the bottom safety hood and spring are not in perfect working order. Damaged parts sticky deposits or accumulations of thips will result in the bottom ouard hood working with a delay.

c) Open the bottom safety hood by hand only for special cuts, such as "immersion and angle

ts". Open the bottom safety hood using the lever and release the lever again as soon as the

d) Do not place the saw on a workbench or on the floor unless the bottom guard hood is covering

saw if the bottom safety hood does not move freely and does not close immediately. Never clamp

q) Be particularly careful when carrying out a "plunge cut" in a concealed area such as an

i) The diameters of the saw blades used must correspond to the diameters specified on the hand-held circular saw blade!

or tie the bottom guard hood in open position. If you drop the saw by accident the bottom

saw blade has engaged in the workpiece. The bottom safety hood must operate automa

**the blade.** An unprotected, moving saw blade will cause the saw to move opposite anything in its way. Remember that the saw takes a little time to slow down and stop.

gap and check that the saw's teeth are not caught in the workpiece. If the saw blade

# WARRANTY

All of our products undergo strict quality checks to ensure that they reach you in perfect condition. In the unlikely event that your device develops a fault, please contact our service department at the address shown on this guarantee card. You can also contact us by telephone using the customer service number shown. Please note the following terms under

These warranty terms regulate additional warranty services, which the manufacturer nentioned below promises to buyers of its new products in addition to their statutory guarantee claims are not affected by this guarantee. Our guarantee is free of charge to you

2. The warranty services only covers defects due to material or manufacturing faults on a product which you have bought from the manufacturer mentioned below are limited to either the rectification of said defects on the product or the replacement of the product, whichever we prefer

applications. A guarantee contract will not be created if the device has been used by

- Damage to the device caused by a failure to follow the assembly instructions or due to

by external forces (for example by dropping it).

Damage to the device or parts of the device caused by normal or natural wear or tear or by

4. Your Product is guaranteed for a period of 60 months from the original date of purchase

# 18V LITHIUM ION **150MM ORIGINAL INSTRUCTIONS**

# **SPECIFICATIONS**

No Load Speed: 4,200/min 150mm (6") Blade Diameter Blade Bore: 10 / 16mm 48mm @ 90° Depth of Cut: 32mm @ 45° 1.6mm

Blade Thickness: 2.4kg Weight:

ozito-diy.co.uk

objects that could cause a short circuit between the contacts. A short circ d) In case of incorrect use, fluid may escape from the battery. Avoid contact with it. If you touch by accident, rinse the affected area with water. If you get the fluid in your eyes, also seek

## a) Have your electric tool repaired only by trained personnel using only genuine spare parts. This will

Additional safety instructions We pay a great deal of attention to the design of every battery pack to ensure that we supply you with batteries which feature maximum power density, durability and safety. The battery cells have a wide range of safety devices. Each individual cell is initially formatted and its electrical characteristic curves are recorded. These data are then used exclusively

Important: Analyses confirm that incorrect use and poor care are the main causes of the damage caused by high performance

which quarantee claims can be made:

Please note that our devices are not designed for use in commercial, trade or professiona commercial, trade or industrial business or has been exposed to similar stresses during the

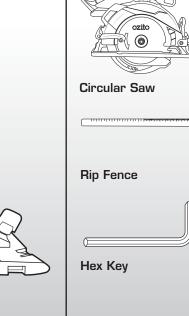
3. The following are not covered by our guarantee:

incorrect installation, a failure to follow the operating instructions (for example connecting it to an incorrect mains voltage or current type) or a failure to follow the maintenance and safety instructions or by exposing the device to abnormal environmental conditions or by lack of care and maintenance

Damage to the device caused by abuse or incorrect use (for example overloading the device or the use or unapproved tools or accessories), ingress of foreign bodies into the device (such as sand, stones or dust, transport damage), the use of force or damage caused

normal use of the device

and is intended for DIY (Do It Yourself) use only. Lithium Ion batteries and chargers are



PXCSS-500U

covered by a 12 month warranty. Warranty excludes consumable parts. Guarantee claims should be submitted before the end of the guarantee period within two weeks of the defect being noticed. No guarantee claims will be accepted after the end of the guarantee period The original guarantee period remains applicable to the device even if repairs are carried out or parts are replaced. In such cases, the work performed or parts fitted will not result in an extension of the guarantee period, and no new guarantee will become active for the work performed or parts fitted. This also applies if an on-site service is used.

IN ORDER TO MAKE A CLAIM UNDER THIS WARRANTY YOU MUST RETURN THE PRODUCT TO THE PLACE OF PURCHASE WITH YOUR REGISTER RECEIPT.

Please refer to the restrictions of this warranty concerning wearing parts, consumables and missing parts as set out in the service information in these operating instructions.

CUSTOMER SERVICE HELPLINE GB: 0151 294 4488 IRL: 1850 882711 Ozito-div.co.uk

**OZITO UK** Champion's Business Park, Unit 10, 1st Floor, Arrowe Brook Road, Upton, Wirral, Merseyside, CH49 0AB

# KNOW YOUR PRODUCT

# **150MM CIRCULAR SAW**

1 Battery Seating

2 Rear Handle 10 Depth Locking Lever

3 Dust Port

11 Blade Guard Lever 12 Lower Blade Guard

13 Blade

9 Rip Fence Locking Knob

14 Upper Blade Guard

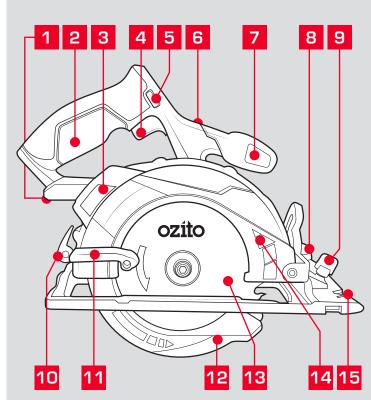
15 Cutting Guide Notch

4 On/Off Trigger 5 Lock-Off Lever

6 Hex Key Holder

7 Front Handle

8 Bevel Locking Knob



# **BATTERY & CHARGER**

This tool is compatible with all battery and chargers from the Ozito Power X Change Range.

For optimal performance, we recommend the use of a 3.0Ah battery or higher to operate this Power X Change Circular Saw.

> Scan this QR Code with your mobile device to take you to the



BEFORE USE

# Items Supplied

Please check that the article is complete as specified in the scope of delivery. If parts are missing, please contact our service center or the sales outlet where you made your purchase at the latest within 5 working days after purchasing the product and upon presentation of a valid bill of purchase. Also, refer to the warranty table in the service information at the end of the operating instructions.

Open the packaging and take out the equipment with care.

**SETUP & PREPARATION** 

- Remove the packaging material and any packaging and/or transportation braces (if available).
- Check to see if all items are supplied.
- Inspect the equipment and accessories for transport damage.
- If possible, please keep the packaging until the end of the guarantee period.

### Danger!

The equipment and packaging material are not toys. Do not let children play with plastic bags, foils or small parts. There is a danger of swallowing or suffocating!

# Proper Use

The cordless handheld circular saw is designed for sawing straight cuts in wood, wood-type materials and plastics. In the case of plastic workpieces, be careful not to overheat the tips of the saw blade and melt the plastic.

The equipment is to be used only for its prescribed purpose. Any other use is deemed to be a case of misuse. The user / operator and not the manufacturer will be liable for any damage or injuries of any kind caused as a result of this.

Please note that our equipment has not been designed for use in commercial, trade or industrial applications. Our warranty will be voided if the machine is used in commercial, trade or industrial businesses or for equivalent purposes.

### Residual risks

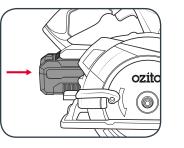
Even if you use this electric power tool in accordance with instructions, certain residual risks cannot be rules out. The following hazards may arise in connection with the equipment's construction and layout:

- 1. Lung damage if no suitable protective dust mask is used.
- 2. Damage to hearing if no suitable ear protection is used.
- 3. Health damage caused by hand-arm vibrations if the equipment is used over a prolonged period or is not properly guided and maintained.

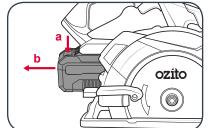
# 2. FITTING THE BATTERY & GUIDE

# Inserting & Removing the Battery

Slide the battery into the seating at the back of the saw until it clicks into place.



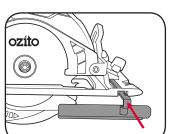
2 To remove, press and hold the battery release tab and then slide out.



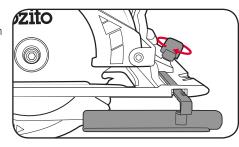
# Attaching the Rip Fence

The rip fence allows you to perform straight cuts with ease.

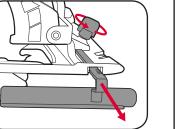
Insert the rip fence through the rip fence slots in the front of the baseplate.



Once the desired width is set, tighter the locking knob to secure in place.



3 To remove, loosen the locking knob and then slide the rip fence



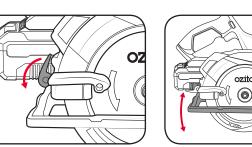
# 3. DEPTH & BEVEL ADJUSTMENT

# WARNING! ENSURE THE TOOL IS SWITCHED OFF AND THE BATTERY IS REMOVED BEFORE PERFORMING ANY OF THE FOLLOWING TASKS.

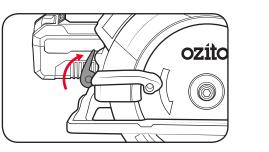
# **Depth Adjustment**

Depth should be adjusted so that no more than one tooth is protruding through the timber. This helps to minimise splintering.

- Loosen the depth adjustment
- 2 Hold the baseplate down with one hand. Raise or lower the saw to the desired depth.



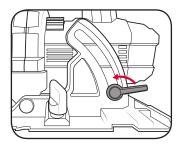
3 Tighten depth adjustment knob to secure in place.



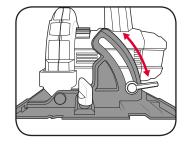
# **Bevel Adjustment**

Loosen bevel adjustment knob.

2 Align baseplate to desired angle on bevel scale.



3 Tighten the bevel adjustment



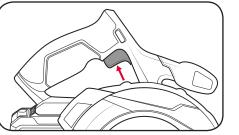
# 4. CONTROLS

Turning On and Off Press and hold the lock-off level

in either direction.

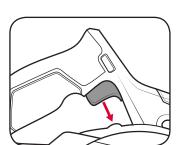


Squeeze the on/off trigger to start the



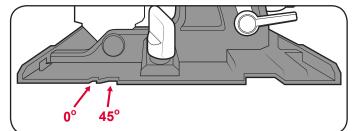
Note: Allow the saw to reach full speed before beginning a cut.

3 To stop the saw, release the on/ off trigger.



WARNING AFTER USE, HOLD THE SAW AWAY FROM YOUR BODY UNTIL THE BLADE STOPS COMPLETELY.

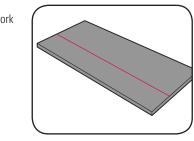
# **Cutting Guide Notch**



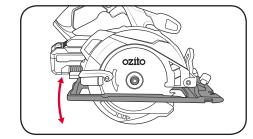
The cutting guide will give an approximate line of cut. For a straight cut, use the 0° notch. For a 45° cut, use the 45° notch. For higher accuracy, use the rip fence provided.

# 5. MAKING A CUT

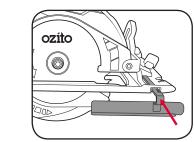
Mark the cutting line on the work



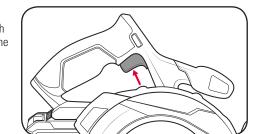
Adjust the saw depth and bevel angle for the desired cut.



3 Attach the rip fence for an additional guide.

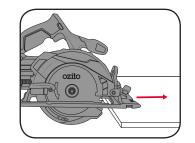


4 Hold the saw securely with both hands and start the tool



**Note:** Allow the saw to reach full speed before beginning a cut.

Move the saw through the material to perform the cut. Once complete, release the on/ off trigger and remove the saw from the work piece.



**Note:** Never force the saw. Use light and continuous pressure.

# **6. BLADE FITMENT**

The tool is recommended for wood cutting only and is not recommended for use with abrasive wheels or masonry/diamond cutting wheels. Only use 150mm wood cutting blades.

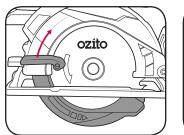
**Note:** A blade with a 10mm or 16mm bore can be fitted to this saw by reversing the direction of the outer flange. Ensure that the flange is positioned in the correct orientation as described below, when fitting a blade.

Press and hold the spindle lock. 2 Use hex key to rotate blade until lock engages. Remove blade bolt and outer blade flange.



Retract lower blade guard and 4 Replace the blade and ensure remove the blade.

arrows on the blade point in the same direction as the arrow on the upper blade guard.



5 Fit outer blade flange and blade 6 Depress spindle lock and Tighten

blade bolt with the hex key.



**Note:** To fit a blade with a 10mm bore, place the flat side of the outer flange against the blade. To fit a blade with a 16mm bore, place the raised side of the outer

flange against the blade, making sure that the blade is centred on the raised edge of the flange.

