

ozito

WET STONE SHARPENER

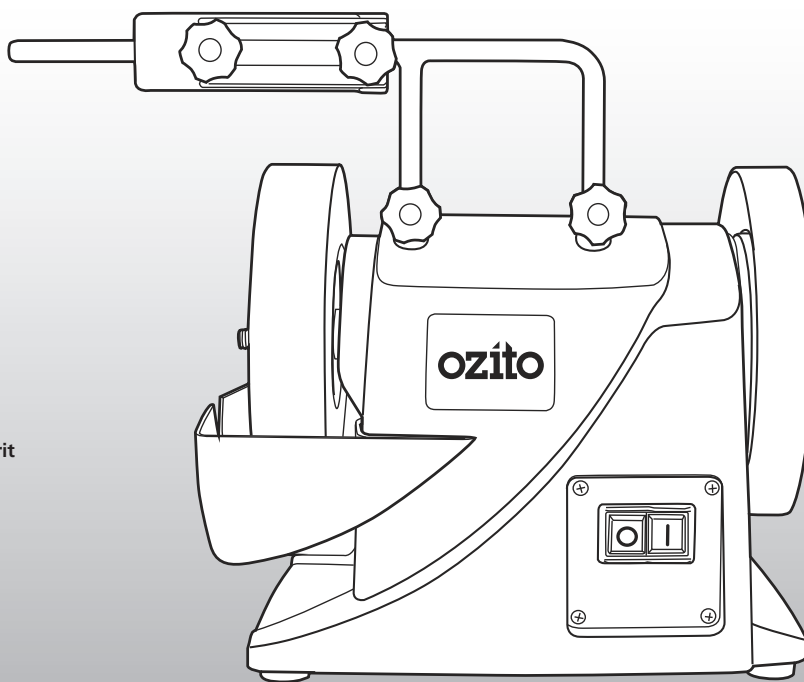
120W 200mm

INSTRUCTION MANUAL

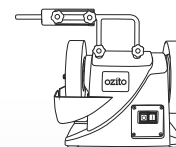
SPECIFICATIONS

Voltage:	230-240 ~ 50Hz
Motor:	120W
No load speed:	120 RPM
Grinding Wheel:	Ø200 x 40mm, 220 grit
Honing Wheel:	Ø200 x 30mm
Spindle:	Ø12mm
Weight:	8.5kgs
IP Number:	IP23

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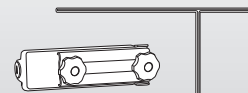
WHAT'S IN THE BOX



Wet Stone Sharpener



Water Reservoir Tray



Tool Holder & Tool Support Bar



Blade Holder



Honing Paste & Angle Gauge

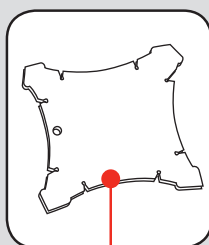
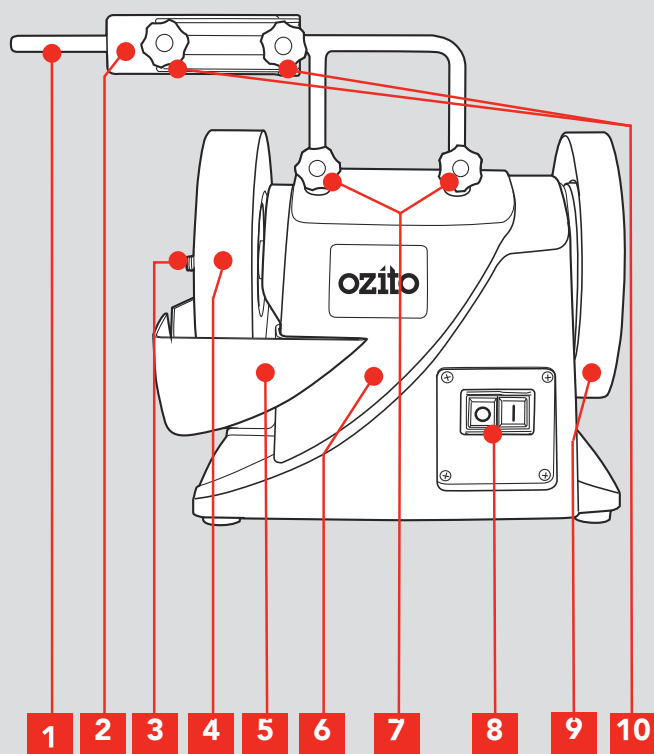
3 YEAR REPLACEMENT WARRANTY

WSS-200

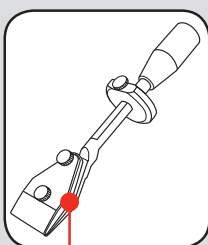
KNOW YOUR PRODUCT

WET STONE SHARPENER

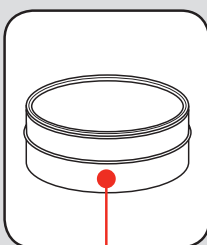
- | | |
|--------------------------------|----------------------------|
| 1 Tool support bar | 8 ON/OFF switch |
| 2 Tool holder | 9 Leather honing wheel |
| 3 Spindle | 10 Tool holder clamp knobs |
| 4 Sharpening wheel | 11 Angle gauge |
| 5 Water reservoir tray | 12 Knife/blade holder |
| 6 Motor housing | 13 Honing paste |
| 7 Tool support bar clamp knobs | |



11



12



13

ONLINE MANUAL

Scan this QR Code with your mobile device to take you to the online manual.



SETUP & PREPARATION

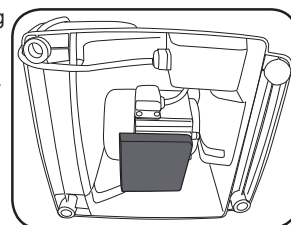
1. ASSEMBLY

Prior to using the wet stone sharpener, the sharpening wheel, tool support bar, tool holder and water reservoir will need to be installed.



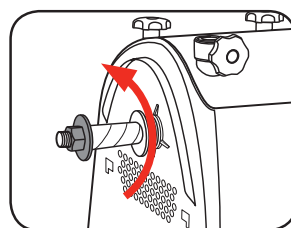
WARNING!: ENSURE THE TOOL IS DISCONNECTED FROM THE POWER SUPPLY BEFORE ASSEMBLY.

1. Open carton and remove top packing material.
2. Carefully lift the wet stone sharpener from the packaging and place it on a level work surface.
3. While carefully tilting the wet stone sharpener, remove the foam packaging from the underside.

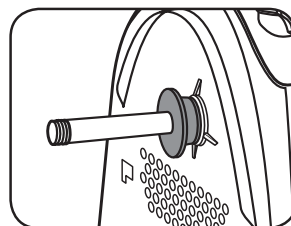


Fitting the sharpening wheel

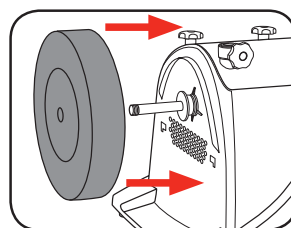
1. On the left hand side of the unit, remove the wheel nut and outer washer from the spindle by rotating in an anti-clockwise direction. The cardboard spacer may be discarded.



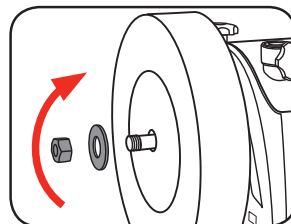
2. Ensure that the spindle protrudes to the left of the housing as far as it will go. This can be achieved by applying pressure to the outer side of the leather honing wheel. The small spindle spacer and inner washer must sit on the spindle and against the housing bearing.



3. Slide the sharpening wheel onto the spindle against the inner washer and spacer. Hold the honing wheel to stop the spindle from sliding into the housing.



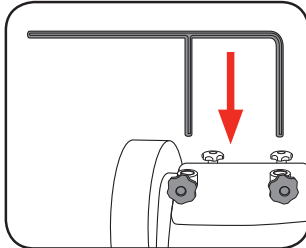
4. Fit the outer washer, then the wheel nut. Tighten the nut with a 19mm spanner in a clockwise direction. (Hold the honing wheel steady to prevent the main spindle from rotating).



3 YEAR REPLACEMENT WARRANTY

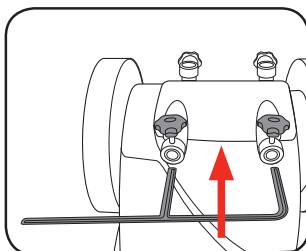
Fitting the tool support for sharpening

Loosen the front tool support clamps and insert the tool support bar into the holes on top of the housing. Ensure that the tool support bar points to the left of the unit, above the sharpening wheel. Adjust the tool support to the desired position and tighten the clamp knobs.



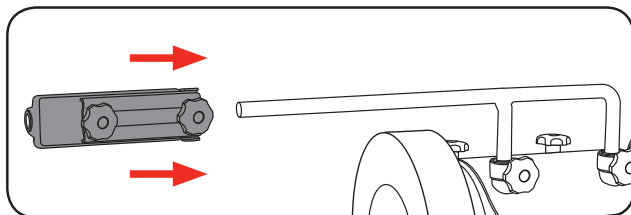
Fitting the tool support for honing

Loosen the rear tool support clamp knobs and insert the tool support bar into the holes at the rear of the housing. Ensure that the tool support bar points to the right of the unit (when looking at the front of the unit). It should sit behind the honing wheel. Fully insert the tool support and tighten the clamp knobs. While the tool support can be adjusted, most honing will be done with the tool support fully inserted.



Fitting the tool holder

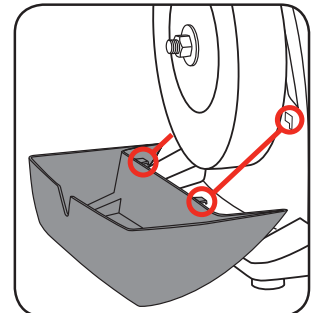
Slide the adjustable tool holder onto the long bar of the tool support. Position the adjustable tool holder above the sharpening wheel (if sharpening), or to the rear of the honing wheel (if honing). Ensure that the clamping area of the tool holder is positioned towards the centre of the unit.



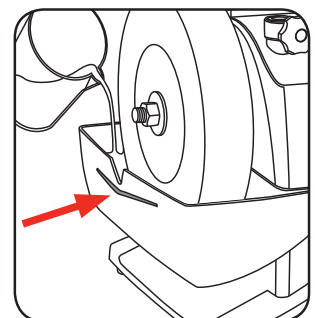
Fitting and removing the water reservoir tray

WARNING! DO NOT SHARPEN WITHOUT WATER. THE SHARPENING WHEEL MUST BE PARTIALLY SUBMERGED IN WATER WHENEVER IN USE. CHECK AND REFILL THE TRAY AS THE WATER IS ABSORBED.

1. Position the water reservoir tray below the sharpening wheel, with the support hooks of the tray facing the side of the housing. Lift the tray until the support hooks sit in the corresponding slots in the housing. Check that the tray is horizontal and steady.

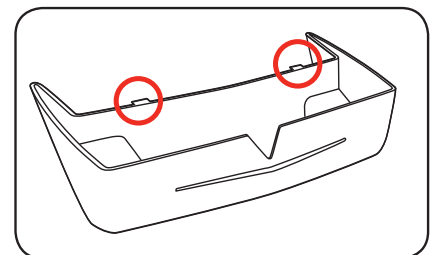


2. A water level indicator line shows how high the water reservoir tray should be filled with water.



Note: The first time the sharpener reservoir is filled with water, the sharpening stone may absorb some of the water, regularly monitor and fill reservoir as required.

3. To remove the water reservoir tray, disengage the support hooks from their corresponding slots by lifting and moving the tray away from the side of the housing. When the hooks are clear, lower the tray.



Note. After use, the water reservoir tray should be emptied of water and cleared of any debris that remain from the sharpening process.

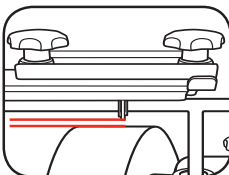
2. SET UP AND ADJUSTMENTS

Setting up for sharpening

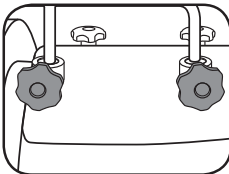
When sharpening, position the tool support bar in the top mounting holes.

Note. Sharpening is performed **against** the direction of rotation.

1. Fit the adjustable tool holder to the tool support bar (See “**Fitting the tool holder**” section). Loosen the tool support clamps. Adjust the height of the tool support until there is a small gap between the surface of the sharpening wheel and the lower guides of the adjustable tool holder.

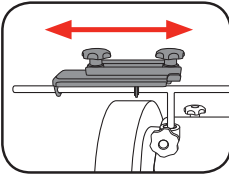


2. Tighten the tool support clamps.

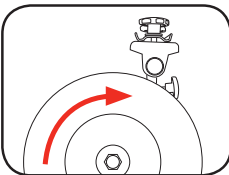


3. To ensure that no part of the adjustable tool holder comes into contact with the sharpening wheel, complete these two checks:

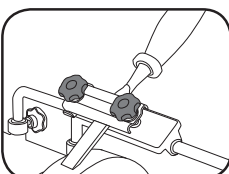
a. Slide the adjustable tool holder back and forth along the tool support bar.



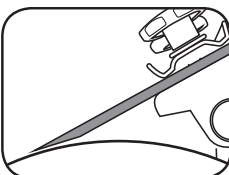
b. With the bottom of the adjustable tool holder positioned directly above the wheel, rotate the sharpening wheel one full rotation by hand.



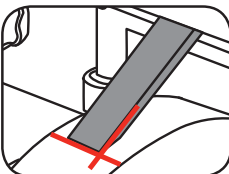
4. Loosen the two clamps on the adjustable tool holder enough to insert the blade to be sharpened. Manoeuvre the blade until it touches the sharpening wheel at the desired sharpening angle.



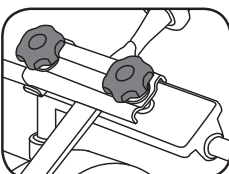
5. Manoeuvre the blade within the adjustable tool holder until the angle of the blade sits flat on the face of the sharpening wheel.



6. Ensure that the blade is square across the full width of the sharpening wheel.

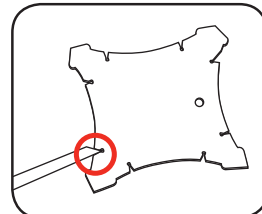


7. When you are satisfied that the blade is correctly positioned, tighten the clamps knobs on the adjustable tool holder.

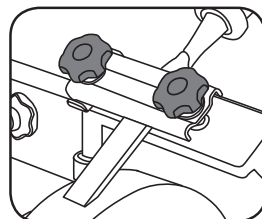


Setting up with the angle gauge

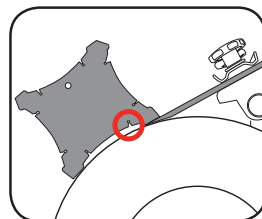
1. The angle gauge is used to determine the cutting edge angle of a tool. You can determine what is the appropriate angle required for your blade by reading the label on the angle gauge. Alternatively, you can test and select the blade angle by inserting the blade into the notches on the sides of the gauge.



2. After determining which notch best suits the blade angle required, set the support bar and adjustable tool holder. Insert the blade within the tool holder, so that it touches the sharpening wheel. (See “**Setting up for sharpening**”). Rotate the clamp knobs on the adjustable tool holder until the blade is secure, but can still be moved.



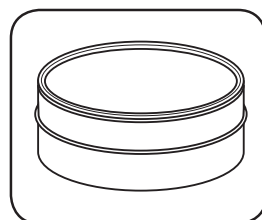
3. Position the gauge on the sharpening wheel, with the selected notch closest to the tool tip. Manoeuvre the blade within the tool holder until the back face of the blade aligns with the angle gauge.



4. Check that the blade is square across the width of the sharpening wheel and tighten the adjustable clamp knobs. Remove the angle gauge.

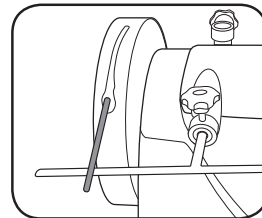
Setting up for honing

1. Fit the tool support to the rear of the unit (see “**Fitting the tool support for honing**”)



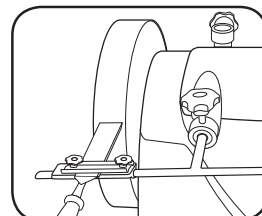
Note: Initially you will need to condition the honing wheel. Apply mineral oil (not supplied) to bring the leather honing wheel to a darker slightly wet colour on all it's surface. Following this apply an initial layer of honing paste covering the entire surface and work it into the wheel.

2. Apply mineral oil to the leather honing wheel, followed by some of the honing paste.



3. Switch on the machine. While the honing wheel is rotating, evenly distribute the honing paste into the leather with a flat object such as a ruler or spatula.

4. Set the adjustable tool holder (see “**Setting up for sharpening**”).

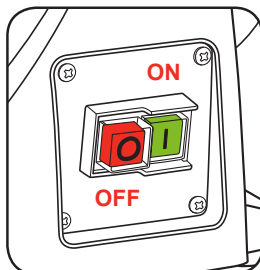


3. SHARPENING

On/off switch

Note: It is recommended to use in conjunction with this appliance a Residual Current Device (RCD) of rating not exceeding 30mA.

1. To turn the sharpener on, press the green ON (I) button. Allow the sharpening wheel to reach full speed before beginning to sharpen.
2. To turn the sharpener off, press the red OFF (O) button.

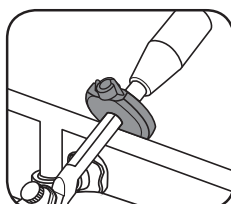
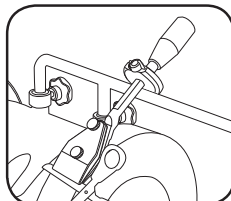
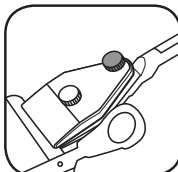
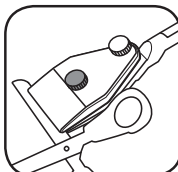
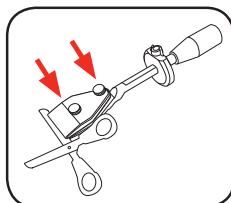


The knife/blade sharpening holder

CAUTION!: THIS SHARPENER WAS DESIGNED FOR SHARPENING STEEL. IT SHOULD NOT BE USED FOR ANY OTHER PURPOSE.

The knife/blade sharpening holder assists in the sharpening of small knives and blades.

1. When fitting a blade in the knife/blade holder, first unscrew the two knurled screws on the knife holder clamp. Slide the knife/blade in between the holder and the top clamp.
2. Finger-tighten the front screw first.
3. Finger-tighten the rear screw next to ensure the blade is firmly clamped in place. The flatter the top plate of the clamp sits, the greater the clamping area on the knife/blade.
4. Fit the tool support bar into the sharpening position (see "Fitting the tool support for sharpening"), and adjust its height to achieve the desired sharpening angle.
5. The knife holder also has an adjustable resting heel, which rests on the tool support bar when sharpening. By loosening its knob, it can be moved up and down the shaft of the knife/blade holder. This enables further adjustment of the sharpening angle. These adjustments should be made before the machine is in operation.



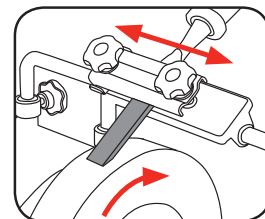
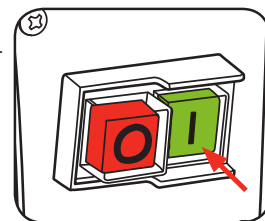
Using the adjustable tool holder

WARNING!: SAFETY GLASSES MUST BE WORN DURING BOTH SHARPENING AND HONING.

Note. New sharpening wheels are often not true and can also become misshapen after use. Check the surface of the sharpening wheel before each operation. To correct this situation, the stone may require dressing (see "Dressing the stone").

CAUTION!: DO NOT SHARPEN WITHOUT WATER. THE SHARPENING WHEEL MUST BE PARTIALLY SUBMERGED IN WATER WHENEVER IN USE. CHECK AND REFILL THE TRAY AS THE WATER IS ABSORBED.

1. Ensure the water reservoir tray is correctly fitted and filled with water (see "Fitting and removing the water reservoir tray").
2. Mount the tool into the tool holder and fit it to the tool support bar, remembering that sharpening occurs against the direction of rotation (see "Setting up for sharpening").
3. Set the sharpening angle (see "Setting up with the angle gauge").
4. Switch the sharpener on and wait until it reaches full speed.
5. Evenly press the tool down onto the sharpening wheel. Move the blade from side to side across the stone, this will result in an even wearing of the stone. Sharpening only requires a light pressure.
6. On the completion of the sharpening, turn off the wet stone sharpener at the on/off switch. Wait for the sharpener to come to a complete stop and remove the plug from the power point.
7. After removing the water reservoir tray, empty it and clean out any debris.



OPERATION

4. HONING

Honing is often used on a blade after sharpening has taken place. The polishing action of the leather wheel and honing paste results in a fine, razor sharpness.

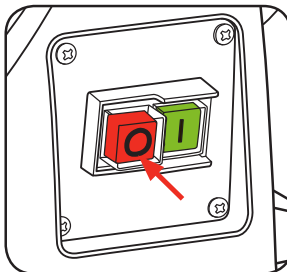
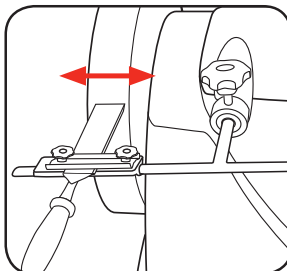
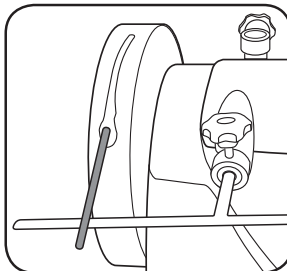
Honing can only be carried out with the rotational direction of the leather wheel. Mounting the tool support in the rear mounting holes will ensure that the rotational direction is correct for honing.

CAUTION!: NEVER HONE AGAINST THE DIRECTION OF THE ROTATING HONING WHEEL. THIS WILL RESULT IN THE LEATHER HONING WHEEL BEING CUT INTO.

WARNING!: SAFETY GLASSES MUST BE WORN DURING BOTH SHARPENING AND HONING.

Honing tips

1. Always keep the honing wheel saturated with mineral oil (not supplied) and honing paste (see "Setting up for honing").
2. Move the blade evenly across the face of the honing wheel. Do not use excessive force. Make sure that at least half of the width of the honing wheel is always in contact with the blade to be honed.
3. On the completion of the honing, turn OFF (0) the sharpener at the on/off switch. Wait for the sharpener to come to a complete stop and remove the plug from the power point.



MAINTENANCE

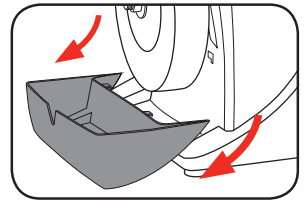
5. MAINTENANCE

IMPORTANT! BEFORE CLEANING YOUR WET STONE SHARPENER OR CARRYING OUT ANY MAINTENANCE PROCEDURE, MAKE SURE THAT THE MOTOR IS OFF AND THE TOOL DISCONNECTED FROM THE POWER SUPPLY TO PREVENT ACCIDENTAL STARTING.

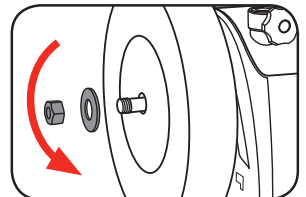
Replacing the sharpening wheel

Note. Make sure that the specifications of the replacement wheel are the same as the old wheel.

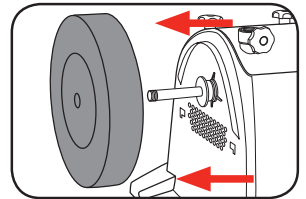
1. Remove the water reservoir tray (see "Fitting and removing the water reservoir tray").



2. Remove the wheel nut with a 19mm spanner by turning in an anti-clockwise direction. Remove the outer washer.



3. Remove the old sharpening wheel from the spindle.



5. Fit the new wheel on to the spindle (see "Fitting the sharpening wheel").

6. Re attach the water reservoir tray (see "Fitting and removing the water reservoir tray").

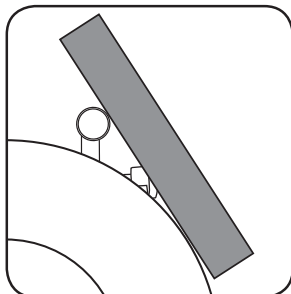
Dressing the stone



WARNING! SAFETY GLASSES MUST BE WORN WHILE DRESSING THE STONE.

Dressing a stone results in an even surface on the face of the sharpening wheel. A stone leveller (not supplied) is required to dress the stone.

1. Adjust the tool support so that it sits close to the sharpening wheel. Make sure that the knobs are tightened.
2. Switch on the machine and wait until it reaches full speed. Lower the stone leveller evenly onto the face of the stone, while resting part of it on the tool support. Excessive pressure is unnecessary.



Cleaning

Remove dust and dirt regularly from the machine, including the water reservoir tray. Cleaning is best carried out with a fine brush or a cloth. Never use caustic agents to clean plastic parts.

General inspection

Before use, check for cracked or broken parts, damaged electrical wiring, damaged sharpening or honing wheel and any other condition that may effect safe operation. Do not use damaged equipment.

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

DESCRIPTION OF SYMBOLS

V	Volts	Hz	Hertz
~	Alternating current	W	Watts
RPM	Revolutions or reciprocation per minute	n_o	No load speed
	Regulator compliance mark		Wear eye protection
	Read instruction manual		

CARING FOR THE ENVIRONMENT



Power tools that are no longer usable should not be disposed of with household waste but in an environmentally friendly way. Please recycle where facilities exist. Check with your local council authority for recycling advice.



Recycling packaging reduces the need for landfill and raw materials. Reuse of recycled material decreases pollution in the environment. Please recycle packaging where facilities exist. Check with your local council authority for recycling advice.

SPARE PARTS

Sharpening Wheel	SPWSS200-19
Leather Honing Wheel	SPWSS200-27
Knob	SPWSS200-21
Power Switch	SPWSS200-34
Honing Paste	SPWSS200-43
Water Reservoir Tray	SPWSS200-41
Angle Gauge	SPWSS200-42

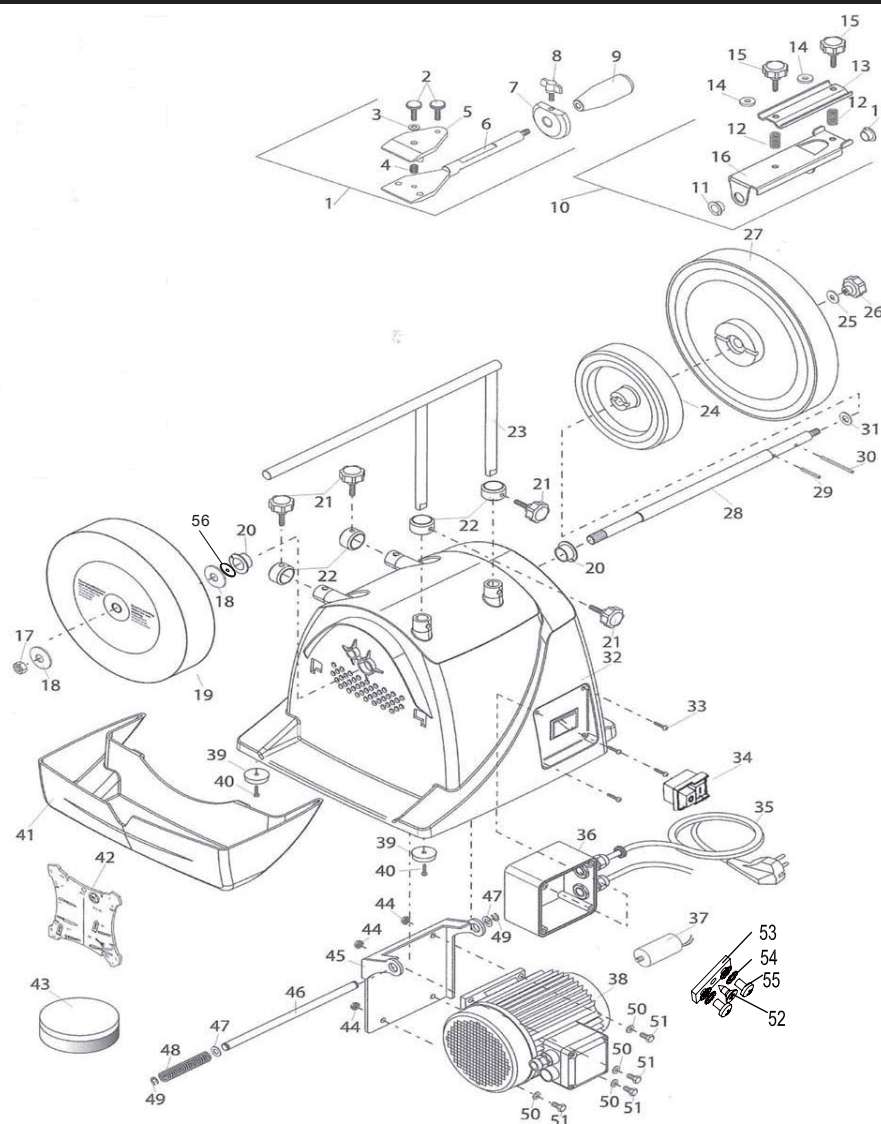
Spare parts can be ordered from the Special Orders Desk at your local Bunnings Warehouse.

For further information, or any parts not listed here, visit www.ozito.com.au or contact Ozito Customer Service:

Australia 1800 069 486

New Zealand 0508 069 486

E-mail: enquires@ozito.com.au



The following is a list of spare parts carried by Ozito.
Please contact Customer Service for any parts not listed.

Item No.	Description	Part No.	Item No.	Description	Part No.
19	Sharpening Wheel	SPWSS200-19			
27	Leather Honing Wheel	SPWSS200-27			
21	Knob	SPWSS200-21			
34	Power Switch	SPWSS200-34			
43	Honing Paste	SPWSS200-43			
41	Water Reservoir Tray	SPWSS200-41			
42	Angle Gauge	SPWSS200-42			

How To Order

Available spare parts can be ordered through the Special Orders Desk at any Bunnings Warehouse. If you have any further questions, please contact Ozito Customer Service on:

Australia: 1800 069 486

New Zealand: 0508 069 486

enquiries@ozito.com.au

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.

Read the whole manual carefully and make sure you know how to switch the tool off in an emergency, before operating the tool.

Save these instructions and other documents supplied with this tool for future reference.

The electric motor has been designed for 230V and 240V only. Always check that the power supply corresponds to the voltage on the rating plate.

Note: The supply of 230V and 240V on Ozito tools are interchangeable for Australia and New Zealand.

If the supply cord is damaged, it must be replaced by an electrician or a power tool repairer in order to avoid a hazard.

Using an Extension Lead

Always use an approved extension lead suitable for the power input of this tool. Before use, inspect the extension lead for signs of damage, wear and ageing. Replace the extension lead if damaged or defective.

When using an extension lead on a reel, always unwind the lead completely. Use of an extension lead not suitable for the power input of the tool or which is damaged or defective may result in a risk of fire and electric shock.

GENERAL POWER TOOL 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

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

2. Electrical safety

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

3. Personal safety

- Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.**
A moment of inattention while operating power tools may result in serious personal injury.
- Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power

tools with your finger on the switch or energising power tools that have the switch on invites accidents.

- Remove any adjusting key or wrench before turning the power tool on.**
A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.
- Power tool use and care**
 - Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
 - Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
 - 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.
 - 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.
 - Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.
 - Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
 - 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.
- Service**
 - 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.
 - If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.**

WET STONE SHARPENER SAFETY WARNINGS

Note. It is recommended to use in conjunction with this appliance a Residual Current Device (RCD) of rating not exceeding 30mA.

- Always remove the plug from the mains socket before making any adjustments or maintenance, including changing the wheel.**
- Always turn the sharpener off when it is not in use and never leave it unattended without first switching off and removing the power plug.** Never leave the sharpener until the wheels have come to a complete stop.
- Make sure that any replacement wheel is rated at 120rpm or higher.**
- Do not let anyone under 18 years operate this tool.**
- Rags, cloths, cord, string and the like should never be left around the work area.**
- If you are interrupted when operating the tool, complete the process and switch off before looking up.**
- Periodically check that all nuts, bolts and other fixings are properly tightened.**
- Do not use a wheel that has received a blow, especially to the side of the wheel.**
- Replace a cracked or suspect wheel.**
- Always allow a new wheel to run for a few minutes at full speed before using it.** Stand to one side at start up.
- Check that the wheel rotates freely each time before start up.**
- Check that the tool rests are properly adjusted before commencing use.**
- Do not overload the sharpener.** Allow the sharpener to run at full speed, or close to full speed during use.
- Never apply excessive pressure to the wheel.** It might shatter causing personal injury.
- Make sure that the wheel is not in contact with the work when you start the sharpener.**
- When using the sharpener, use safety equipment including safety goggles or shield, ear protection, dust mask and protective clothing including safety gloves.**

Wear goggles

Wear ear muffs

Wear a breathing mask

Note. The machine is Class 1 Category (earthed) and is fitted with a 3-core cable and plug. Should the cable or plug be damaged, the product should be serviced by an authorized Service Centre to avoid a hazard.

WARRANTY

IN ORDER TO MAKE A CLAIM UNDER THIS WARRANTY YOU MUST RETURN THE PRODUCT TO YOUR NEAREST BUNNINGS WAREHOUSE WITH YOUR BUNNINGS REGISTER RECEIPT. PRIOR TO RETURNING YOUR PRODUCT FOR WARRANTY PLEASE TELEPHONE OUR CUSTOMER SERVICE HELPLINE:

Australia 1800 069 486

New Zealand 0508 069 486

TO ENSURE A SPEEDY RESPONSE PLEASE HAVE THE MODEL NUMBER AND DATE OF PURCHASE AVAILABLE. A CUSTOMER SERVICE REPRESENTATIVE WILL TAKE YOUR CALL AND ANSWER ANY QUESTIONS YOU MAY HAVE RELATING TO THE WARRANTY POLICY OR PROCEDURE.

The benefits provided under this warranty are in addition to other rights and remedies which are available to you at law.

Our goods come with guarantees that cannot be excluded at 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.

Generally you will be responsible for all costs associated with a claim under this warranty, however, where you have suffered any additional direct loss as a result of a defective product you may be able to claim such expenses by contacting our customer service helpline above.

3 YEAR REPLACEMENT WARRANTY

Your product is guaranteed for a period of **36 months from the original date of purchase**. If a product is defective it will be replaced in accordance with the terms of this warranty. Warranty excludes consumable parts, for example: Lapping paste, sharpening wheel, honing heel & bearings

WARNING

The following actions will result in the warranty being void.

- ï If the tool has been operated on a supply voltage other than that specified on the tool.
- ï If the tool shows signs of damage or defects caused by or resulting from abuse, accidents or alterations.
- ï Failure to perform maintenance as set out within the instruction manual.
- ï If the tool is disassembled or tampered with in any way.
- ï Professional, industrial or high frequency use.