ANGLE GRINDER KIT

125mm (5") 1010W

INSTRUCTION MANUAL

SPECIFICATIONS

- Motor: 1010W
- No Load Speed: 12,000/min
- Cutting Diameter: 125mm (5")
- Spindle: M14
- Weight: 2.25kg

ozito.com.au

WHAT'S IN THE BOX

- Angle Grinder
- Grinding Guard & Cutting Guard
- Side Handle
- Inner & Outer Flange
- Grinding Disc, Metal Cutting Disc & Diamond Wheel

3 YEAR REPLACEMENT WARRANTY

AGM-5100
**ANGLER GRINDER**

1. Spindle Lock Button
2. Adjustable Safety Guard
3. Side Handle
4. Safety Lock Off Switch
5. Trigger Switch

**ACCESSORIES**

6. Cutting Guard
7. Pin Wrench
8. Hex Key
9. Inner Flange
10. Outer Flange
11. Metal Grinding Disc
12. Metal Cutting Disc
13. Diamond Wheel

**SETUP & PREPARATION**

### 1. SIDE HANDLE & SAFETY GUARD

**Side Handle**
The side handle can be fitted on either side, or on top of your grinder. The correct position will be determined by your preferred hand and the operation being performed.

**Attaching**
1. Firmly attach the handle in the desired position on the grinder.

**Removing**
2. Remove the handle.

**Adjustable Safety Guard**
A guard should be used at all times whilst operating the angle grinder.

**Attaching**
1. Loosen guard bolt, align tabs and rotate guard to the required position.
2. Tighten guard bolt.

**Removing**
3. Loosen guard bolt.

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**ONLINE MANUAL**
Scan this QR Code with your mobile device to take you to the online manual.
1. Depress and hold spindle lock button.

2. Rotate spindle to locate the lock position.

3. Use pin spanner to loosen and remove the outer flange.

4. Insert the disc with the label facing up.

5. Screw the outer flange onto the spindle. **Note**: the flat surface on the flange should be in contact with the grinding disc.

6. Depress and hold spindle lock button. Firmly tighten the outer flange with the pin spanner.

7. Use the above operation in reverse to remove grinding disc.

**CAUTION**: REGULARLY CHECK THAT THE OUTER FLANGE HAS NOT BECOME LOOSE DURING OPERATION.

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**2. GRINDING DISC FITMENT**

Inspect the grinding disc before fitment to ensure it is not cracked or deformed. The grinding disc is suitable for grinding tasks only. Only use grinding discs with a diameter of 125mm and thickness of 5mm.

Use ONLY the adjustable safety guard with a grinding disc or diamond wheel.

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**3. CUTTING DISC FITMENT**

Inspect the cutting disc before fitment to ensure it is not cracked or deformed. The cutting disc is suitable for cutting tasks only. Only use cutting discs with a diameter of 125mm and thickness of 2mm.

Use ONLY the Cutting Guard with a cutting disc.
4. **ON/OFF SWITCH**

The tool is recommended for use with a residual current device with a rated residual current of 30mA or less.

1. To turn the grinder on, first push safety lock off switch forward (a), then depress trigger switch (b). Hold the trigger switch in this position for continuous use.

2. To turn the grinder off, release the trigger switch.

5. **GRINDING & CUTTING**

1. Ensure the workpiece is securely held down.

2. Turn on the angle grinder.

3. Begin grinding your workpiece. The optimum grinding angle is 10-15° to the workpiece. Do not apply excessive pressure. Allow the tool to do the work. This will prevent deep gouging.

4. Begin cutting your workpiece. The optimum cutting angle is 90° to the workpiece. Do not apply excessive pressure. Allow the tool to do the work.
MAINTENANCE

• Keep the ventilation vents of the angle grinder clean at all times, if possible, prevent foreign matter from entering the vents.
• The grease in the gearbox will require replacement / replenishment after extensive use of the grinder. Please see a qualified electrical repairer to provide this service.
• After each use, blow air through the angle grinder housing to ensure it is free from all dust particles which may build up. Build up of dust particles may cause the angle grinder to overheat and fail.
• If the enclosure of the angle grinder requires cleaning, do not use solvents but a moist soft cloth only. Never let any liquid get inside the angle grinder; never immerse any part of the angle grinder into a liquid.

Carbon Brushes

When the carbon brushes wear out, the angle grinder will spark and/or stop. Discontinue use as soon as this happens. They should be replaced prior to recommencing use of the angle grinder. Carbon brushes are a wearing component of the angle grinder therefore not covered under warranty. Continuing to use the angle grinder when carbon brushes need to be replaced may cause permanent damage. Carbon brushes will wear out after many uses but when the carbon brushes need to be replaced, take the angle grinder to an electrician or a power tool repairer for a quick and low cost replacement. Always replace both carbon brushes at the same time.

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

TROUBLESHOOTING

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.

Excessive sparking visible through the housing air vents and/or the grinder failing to operate
May indicate the carbon brushes have worn out and need to be replaced. Carbon brushes should only be replaced by a qualified electrician or power tool repairer.

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

CABING 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

<table>
<thead>
<tr>
<th>Part</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon Brushes</td>
<td>SPAGM5100-33</td>
</tr>
<tr>
<td>Inner Flange</td>
<td>SPAGM5100-48</td>
</tr>
<tr>
<td>Outer Flange</td>
<td>SPAGM5100-50</td>
</tr>
<tr>
<td>Guard</td>
<td>SPAGM5100-18</td>
</tr>
<tr>
<td>Side Handle</td>
<td>SPAGM5100-41</td>
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<tr>
<td>Switch</td>
<td>SPAGM5100-26</td>
</tr>
</tbody>
</table>

Volts (V), Alternating Current (~), Watts (W), No Load Speed (n0), Revolutions or reciprocation per minute (RPM), Double insulated ( ), Regulator compliance mark ( ), Read instruction manual ( ), Always wear eye, ear and safety mask ( ), Always wear gloves ( ), No load speed (n0), Double insulated ( ), Regulator compliance mark ( ), Read instruction manual ( ), Always wear eye, ear and safety mask ( ), Always wear gloves ( )
The following is a list of spare parts carried by Ozito. Please contact Customer Service for any parts not listed.

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<thead>
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<td>26</td>
<td>Switch</td>
<td>SPAGM5100-26</td>
</tr>
<tr>
<td>33</td>
<td>Carbon Brushes (Pair)</td>
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<tr>
<td>41</td>
<td>Side Handle</td>
<td>SPAGM5100-41</td>
</tr>
<tr>
<td>48</td>
<td>Inner &amp; Outer Flange</td>
<td>SPAGM5100-48</td>
</tr>
<tr>
<td>52</td>
<td>Pin Spanner</td>
<td>SPAGM5100-52</td>
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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

The electric motor has been designed for 230V and 240V only. Always check that the power supply coincides with the voltage rating on the product.

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

This tool is double insulated in accordance with AS/NZS 60745-1; therefore no earth wire is required.

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

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### 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 this warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

1. **Work area safety**
   a. Keep your 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 loss of 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, and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.

3. **Personal safety**
   a. Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use power tool while 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 clothing and helmet should be worn when there is a risk of flying debris or when the operation generates dust. The helmet must be capable of stopping flying debris generated by your operation. If dust is generated, use a dust mask or respirator. The dust mask or respirator must be capable of filtrating particles generated by your operation. Prolonged exposure to high levels of noise can cause hearing loss.
   c. Do not use accessories which are not specifically designed and recommended by the tool manufacturer. Attachments and accessories not specifically designed for your tool may cause loss of control.

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. Check for misalignment or binding of moving parts, brake condition and other conditions that 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.

5. **Service**
   a. Have service work performed by qualified repair personnel. Use only authorized tool parts. Use of parts not specifically recommended by the tool manufacturer may create a hazard or cause performance problems.
   b. When using an extension lead on a tool, always use 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.

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### ANGLE GRINDER SAFETY INSTRUCTIONS

#### WARNING!

Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

Additional safety instructions for grinding and cutting-off operations

a. Use only wheels that are recommended for your power tool and the specific guard designed for the wheel, and never use a wheel designed for another type of equipment. The correct power tool will
   b. The guard must be securely attached to the power tool and positioned for maximum safety, so the least amount of wheel is exposed towards the operator. The guard helps to protect operator from broken wheel fragments and accidental contact with wheel.

Safety Warnings Specific for Grinding and Abrasive Cutting-Off Operations:

a. Do not use a wheel flange that is not designed for the related flange of your cutting tool. A mismatched flange cannot be controlled and can cause injury.

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

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.

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 tool, always use 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.

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If the supply cord is damaged, it must be replaced by an electrician or a power tool repairer in order to avoid a hazard.
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: grinding discs, carbon brushes, disc guard, flange.

WARNING

The following actions will result in the warranty being void.

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