

ozito

PORTABLE SANDBLASTER

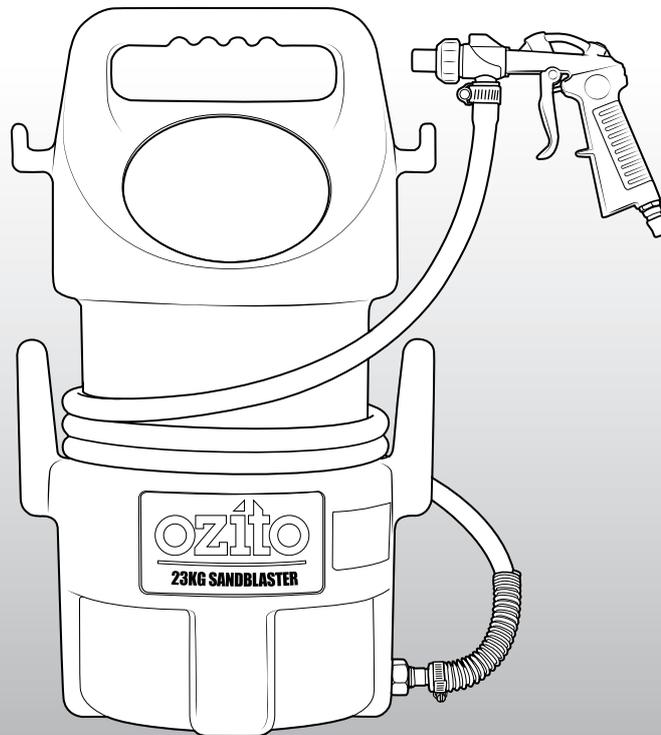
23KG Capacity

INSTRUCTION MANUAL

SPECIFICATIONS

Air Delivery	
Requirements:	70-100 l/min
Air Consumption:	0.96cfm @ 50psi
Working Pressure:	50-120psi
Abrasive Capacity:	23kg
Delivery Hose:	2.5m
Air Inlet Connector:	1/4" Nitto Style
Weight:	2.0kg

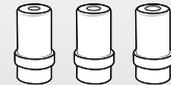
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WHAT'S IN THE BOX



Sandblaster



**Ceramic Nozzles 4, 5,
6, & 7mm (1 fitted)**

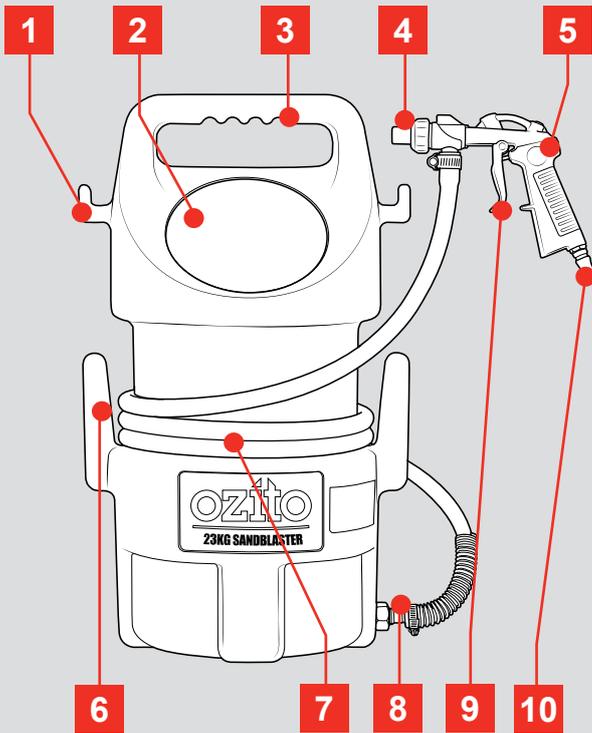
3 YEAR REPLACEMENT WARRANTY

PSB-5090

KNOW YOUR PRODUCT

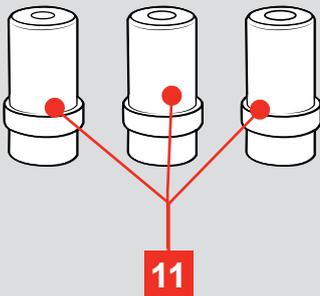
PORTABLE SANDBLASTER

- | | |
|--------------------------------|--------------------------------|
| 1. Blast Gun Storage Hook | 6. Hose Storage Hook |
| 2. Media Filling Hole | 7. Delivery Hose |
| 3. Carry Handle | 8. Bleeder Valve |
| 4. Ceramic Nozzle (4mm fitted) | 9. Trigger |
| 5. Blast Gun | 10. 1/4" Nitto Style Connector |



ACCESSORIES:

11. Ceramic Nozzles (5, 6, 7mm)



ONLINE MANUAL

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



SETUP & PREPARATION

1. AIR SUPPLY

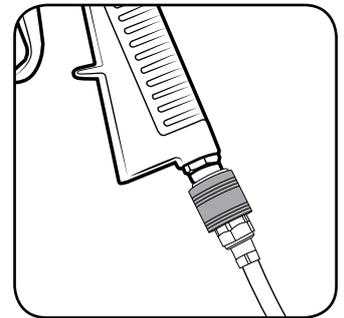
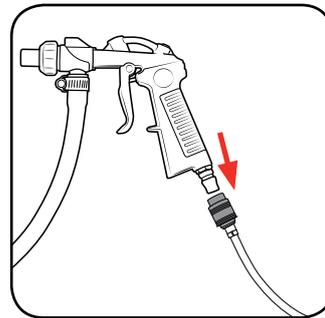


IMPORTANT!: BEFORE CONNECTING OR DISCONNECTING COMPRESSOR AIR HOSE, ALWAYS MAKE SURE THAT THE COMPRESSOR IS OFF.

Connecting the air hose from the Compressor (not included)

The air hose must be long enough to reach the work area with enough extra length to allow free movement while working.

1. Insert the Nitto Style Connector into the quick-lock coupling of the air hose.
2. The quick-lock sleeve will spring forward automatically, connecting the Blast Gun.



Note: An oiler system on the compressor should not be used with this sandblaster. The oil will mix with the abrasive media being propelled, causing poor gun performance.

Air Compressor (not included)

Use a suitable air compressor that delivers 70-100 litres a minute and provides 50-120 psi.

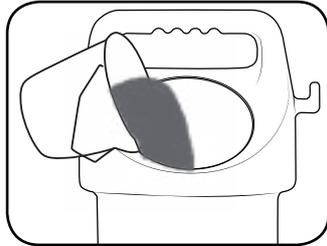
3 YEAR REPLACEMENT WARRANTY

2. ABRASIVE MEDIA (Not Included)

Filling the Sandblaster

WARNING! ONLY USE ABRASIVE MEDIA EXPRESSLY LABELLED FOR SANDBLASTING USE.

1. Pour in the abrasive media to be used. Ensure that the abrasive is dry and clean. Do not fill the abrasive media higher than the opening, but enough so the supply is not interrupted, when spraying.

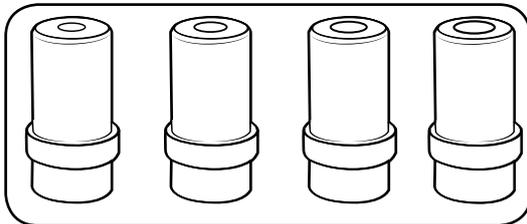


Note: Use appropriate abrasive such as: Garnet, Steel Grit, Glass Bead abrasive or Pecan Shells.

Note: Change the abrasive media regularly as it loses its effectiveness after a while.

Ceramic Nozzles

1. Select the ceramic nozzle (4, 5, 6, or 7mm) to produce the jet required for the abrasive media being used.



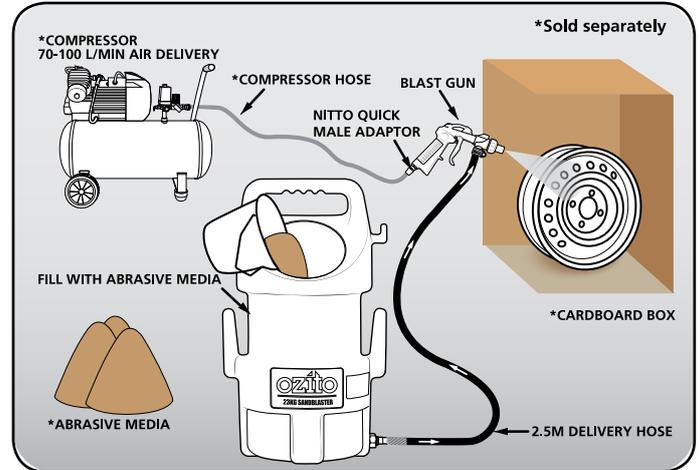
Note: The smaller the ceramic nozzle the finer the spray.

Note: There are no hard or fast rules governing the ceramic nozzle sizes and air pressure used with different abrasive media. With experience and experimentation you will quickly learn the best combination for the required result.

Note: The higher the air pressure, the faster material is removed.

3. WORK AREA

Work Piece and Work Area Set Up Guide



- Designate a work area that is clean and well-lit. The work area must not allow access by children or pets to prevent distraction and injury.
- Route the air hose along a safe route to reach the work area without creating a tripping hazard or exposing the air hose to possible damage.
- Place the object(s) to be sandblasted in an area suitable for its size and shape. This will minimise over-spray and collect abrasive media for re-use.

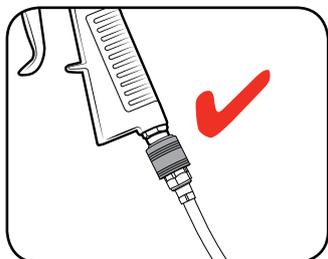
WARNING! THE BLASTING MEDIUM WILL ACCUMULATE AND COVER ITEMS NEAR THE BLASTING AREA, POSSIBLY DAMAGING FINISHES OR CONTAMINATING MOVING PARTS. PLACE THE COMPRESSOR IN ANOTHER AREA TO PREVENT IT FROM BEING DAMAGED.

OPERATION

4. PRE-START PROCEEDURE

WARNING! WEAR PROTECTIVE GOGGLES, GLOVES, FACE MASK AND BOOTS WHEN USING THE SANDBLASTER.

1. Ensure the air hose from the compressor is connected and secure.

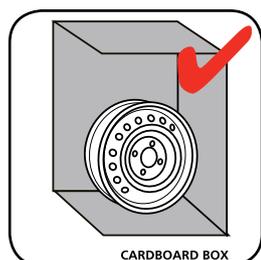


2. Pour in the abrasive media to be used.

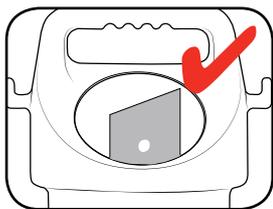
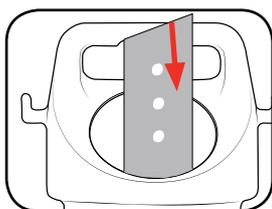
Note: Ensure the abrasive media is dry.



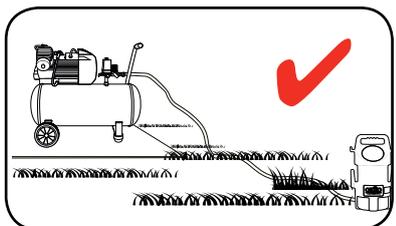
3. Place the object to be cleaned in a suitable area for its size and shape.



Note: Due to its large opening, smaller objects can also be placed fully inside the Sandblaster.



4. Position your air compressor (not included) in a suitable area to prevent it from being damaged before turning On. Follow the compressors instruction manual for all safety, set-up and correct operation information.

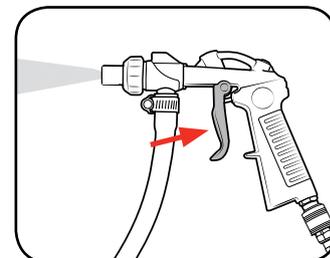


5. Set the compressor's pressure regulator to 50-120 PSI. Do not set the compressor's outlet regulator over 120 PSI.

5. SANDBLASTING

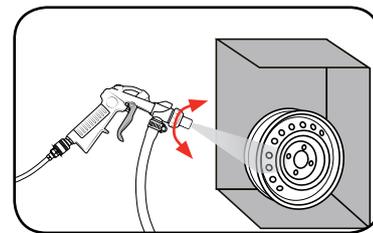
WARNING! DO NOT POINT THE BLAST GUN TOWARDS YOUR FACE, ANY PART OF YOURSELF, OR AT ANY OTHER PERSON OR ANIMAL.

1. Squeeze trigger to begin operation. Release it to stop.



Note: Use caution when sandblasting unfamiliar material. Test the tool on a small area before proceeding. This will ensure you will not damage or pit the material you wish to sandblast.

2. Use even passes of the Blast Gun to remove rust, paint, etc. Do not keep the Gun pointed in one location continuously to prevent damage to the object.



Note: On more delicate objects start with minimal air pressure to avoid unnecessary peening or excessive abrasion, and work up to a setting to produce the desired finish.

Note: Change the abrasive media regularly as it loses its effectiveness after a while.

3. If the tool requires more force to accomplish the task, verify that the tool receives sufficient, unobstructed airflow and increase the pressure (PSI) output of the regulator up to the maximum air pressure (120 psi).

Note: If the air compressor still does not have sufficient force at maximum pressure and airflow, then a larger model may be required.

4. When complete, release blast gun trigger, turn off the air supply.

MAINTENANCE

Changing the Abrasive Media



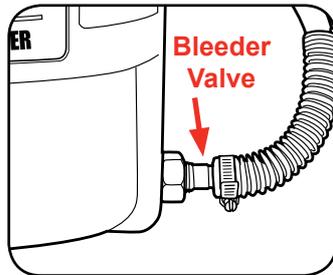
WARNING! WEAR PROTECTIVE GOGGLES, GLOVES, FACE MASK AND BOOTS BEFORE PERFORMING THIS OPERATION.



WARNING! ENSURE AIR SUPPLY IS DISCONNECTED BEFORE PERFORMING THIS OPERATION

It is not necessary to remove the abrasive media from the Sandblaster after every use. However, clean out the Sandblaster when a different abrasive media is to be used.

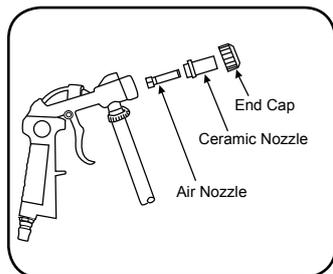
1. Pour excess abrasive media out of the Sandblaster and into a suitable container.
2. Disconnect the Delivery Hose from the Bleeder Valve and the Blast Gun.
3. To clear abrasive media from the hose, use your compressor to blow air through the Supply Hose into the container holding the excess abrasive media
4. When the Sandblaster is clean, reassemble the Supply Hose to the Bleeder Valve, making sure that the Hose is not covering the air flow hole on the Bleeder Valve.



5. Connect the other end of the Supply Hose onto the Blast Gun.

Changing the Ceramic Nozzle

1. Pull the trigger of the blast gun as a precaution.
2. Unscrew the end cap and withdraw the ceramic nozzle.
3. Replace with the ceramic nozzle of your choice and carefully thread the end cap back on to the blast gun. Take care not to cross thread the thread.



Note: Ozito Industries will not be responsible for any damage or injuries caused by the repair of the sandblaster by an unauthorised person or by mishandling of the sandblaster. This tool is designed for DIY use - use in commercial or industrial environments will void the warranty.

TROUBLESHOOTING

Problem	Cause	Remedy
Poor Suction	Not enough air pressure and/ or air flow	Check for loose connections and make sure that air supply is providing enough air flow (CFM) at required pressure (PSI) to the tool's air inlet. Do not exceed maximum air pressure (120psi).
	Obstructed trigger	Clean around trigger to ensure free movement.
	Bleeder valve may be covered	Uncover bleeder valve hole
Uneven blasting actions	Blast Gun has a blockage	Disassemble and clean blockage
Inadequate speed or inefficiency of blast	Abrasive media worn	Replace abrasive media
	Pressure too low	Increase inlet pressure and make sure the control valve is fully opened. Do not exceed maximum air pressure (120psi).

DESCRIPTION OF SYMBOLS

PSI	Pounds per square inch of pressure	CFM	Cubic Feet per Minute flow
	Regulator compliance mark		Warning
l/min	Litres per minute		Read operating instructions before use

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

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



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

- 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.
- ## 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, 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.
- ## 5. 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.



ADDITIONAL SAFETY WARNINGS

Air Source

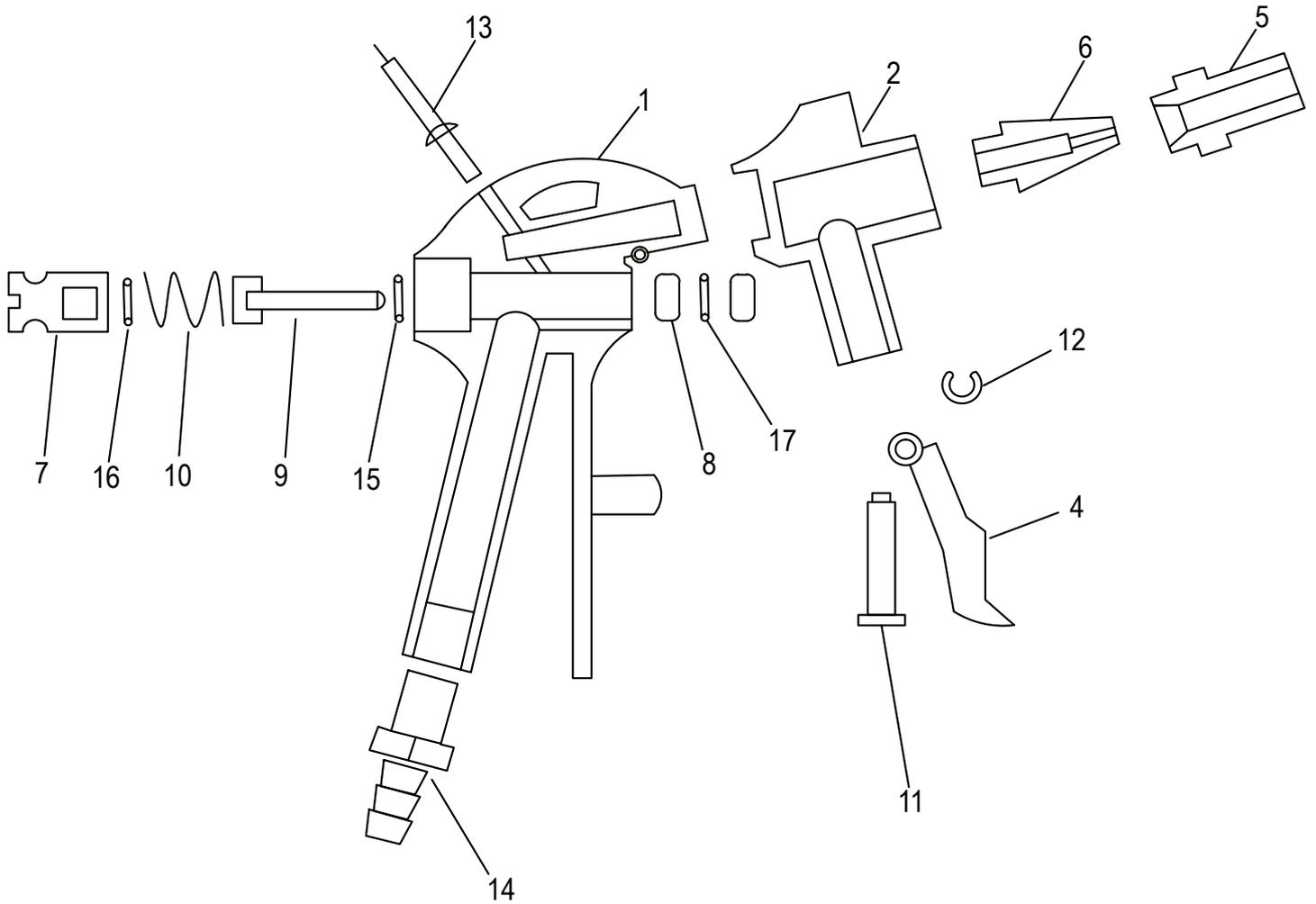
- a. **Never connect to an air source that is capable of exceeding 200 psi.** Over pressurizing the tool may cause bursting, abnormal operation, breakage of the tool or serious injury to persons. Use only clean, dry, regulated compressed air at the rated pressure or within the rated pressure range as marked on the tool. Always verify prior to using the tool that the air source has been adjusted to the rated air pressure or within the rated air-pressure range.
- b. Never use oxygen, carbon dioxide, b. combustible gases or any bottled gas as an air source for the tool. Such gases are capable of explosion and serious injury to persons.

Silicosis and Aluminium Oxide Warnings

- a. **Warning!** Abrasive blasting with sand containing crystalline silica can cause serious or fatal respiratory disease. Exposure to crystalline silica may cause silicosis (a serious lung disease), cancer and death. Exposure to aluminium oxide (a dust generated from material removing processes) can result in eye, skin and breathing irritation.

SPARE PARTS

Tool: Portable Sandblaster
Model No.: PSB-5090



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.
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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:

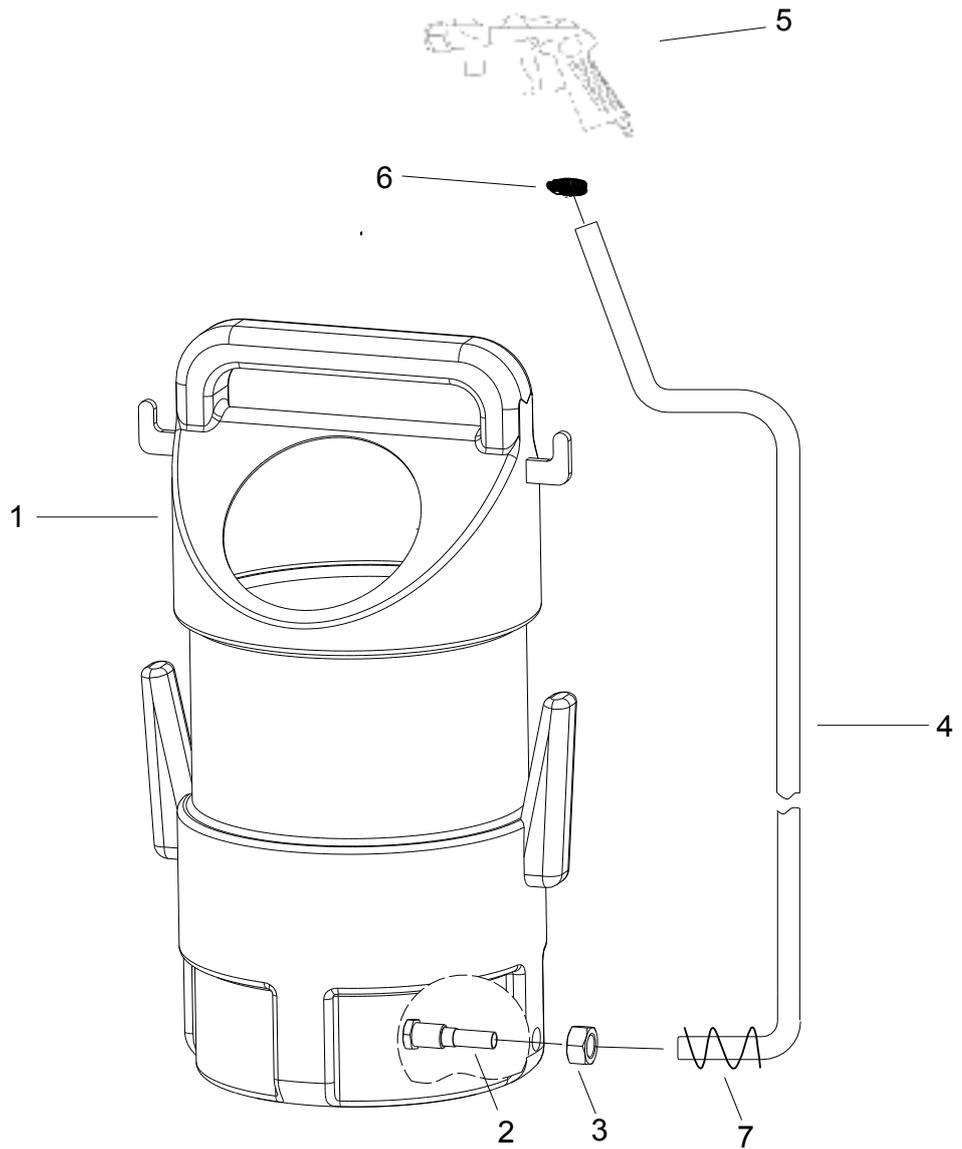
Australia: 1800 069 486

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Australia: 1800 069 486

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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** and is intended for DIY (Do It Yourself) use only. If a product is defective it will be replaced in accordance with the terms of this warranty. Warranty excludes consumable parts, for example: Ceramic nozzles, hose clamps, air fittings and delivery hose.

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.
- Professional, industrial or high frequency use.