

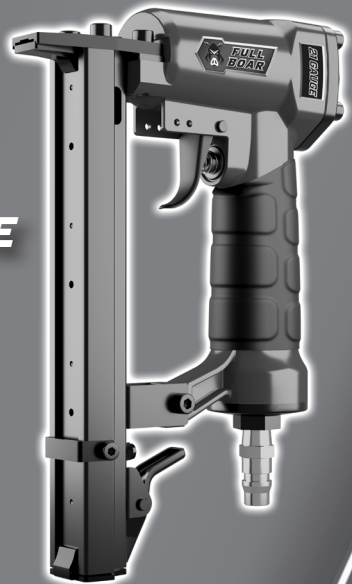


# **21G BACKING STAPLE AIR GUN**

- **21 GAUGE (80 SERIES)  
STAPLES**
- **150 CAPACITY MAGAZINE**
- **1/4 NITTO STYLE MALE  
CONNECTOR**



**WARNING:** Please Read the instructions and warnings for this tool carefully before use. Failure to do so could lead to serious injury.



## **INSTRUCTION MANUAL**



**WARNING:** Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electrical shock, fire and/or serious injury. Save all warnings and instructions for future reference.

## SPECIFICATIONS - MODEL NO. FBASG-G21

<b>Operating air pressure:</b>	70 - 120psi (4.8 - 8.3bar)
<b>Air consumption:</b>	0.87L/cycle @100psi
<b>Max pressure:</b>	120psi (8.3bar)
<b>Staple type:</b>	21 Gauge (80 Series)
<b>Staple Crown:</b>	12.8mm
<b>Staple Length:</b>	6 - 16mm
<b>Magazine capacity:</b>	150 pcs
<b>Air inlet:</b>	1/4 Nitto Style Male Connector
<b>Weight (tool only):</b>	0.98kg

### Fasteners:

#### ***FBASG-G21 Air Staple Gun***

***21 Gauge (80 series)***

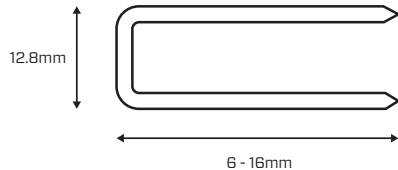
***Capacity: 150 Staples***

***1/4" - 5/8" (6mm - 16mm)***

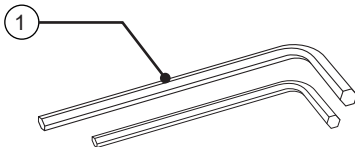
***Crown : 1/2" (12.8mm)***

***0.035" x 0.028"***

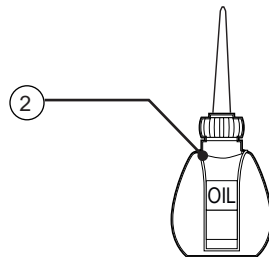
***(0.9mm x 0.7mm)***



## KNOW YOUR PRODUCT

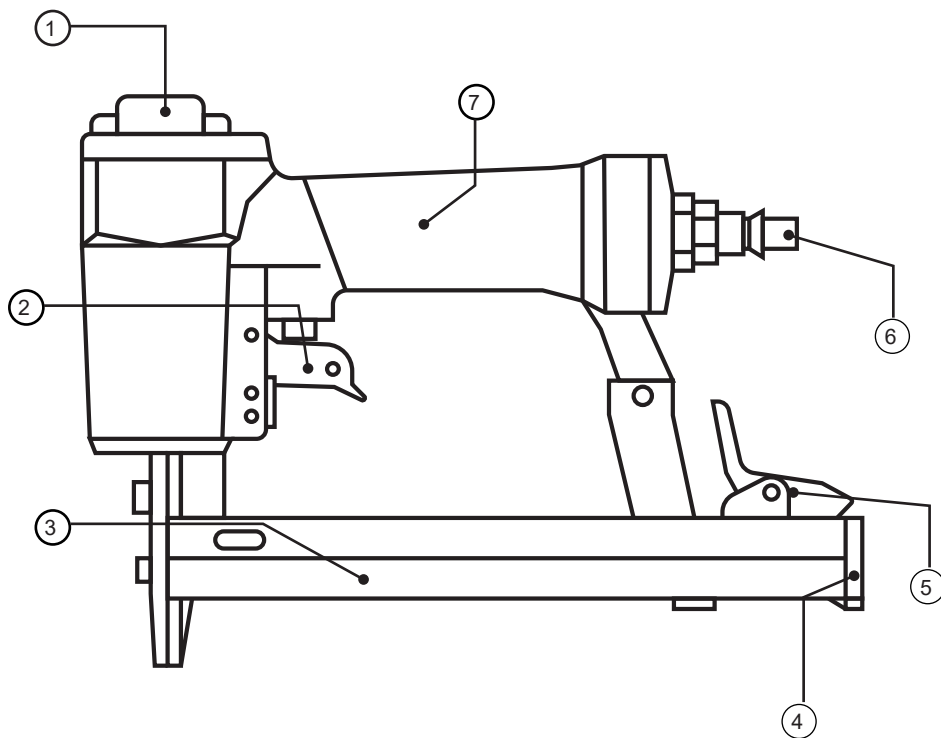


1. M4 M3 Allen Keys



2. Oil Bottle

## KNOW YOUR PRODUCT



- 1. Exhaust deflector
- 2. Trigger
- 3. Magazine
- 4. Movable Magazine

- 5. Magazine Lock
- 6. Air Inlet quick connector
- 7. Grips

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## INTRODUCTION

Congratulations on purchasing a Full Boar 21G Backing Staple Air Gun. Your Full Boar 21G Backing Staple Air Gun has been designed for use on upholstery and fine woodworking. Read and understand the Owner's Manual before operating the Backing Staple Air Gun. Failure to do so could result in personal injury or equipment damage.

## LUBRICATION

An automatic in-line filter, a pressure regulator and automatic oiler is recommended as it increases the products service life. The in-line oiler should be checked regularly and filled with air tool oil.

It is most important that the product be properly lubricated by keeping the air line lubricator filled and correctly adjusted. Without proper lubrication the product will not work properly and parts will wear prematurely.

Use correct lubricant in the air line lubricator. The lubricator should be of low air flow or changing air flow type, and should be kept filled to the correct level. Use only recommended lubricants, specially made for pneumatic applications. Substitutes may harm the rubber compounds in the product's O-rings and other rubber parts.

## GENERAL AIR 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.

### 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.
- d. **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.
- e. **Check the maximum pressure rating of any tools or accessories that you intend using with the compressor.** The output pressure of the air from the compressor must be regulated so that it never exceeds the rated pressure of the tool or accessory.
- f. **Always wear high safety goggles or glasses when using the air tools.** Never point the nozzle of an accessory towards any part of your body or towards another person.
- g. **Drain the moisture from the tank daily.** It will help prevent corrosion.
- h. Use safety equipment including safety goggles and ear protection, the tool operator and all persons in the working area must wear safety goggles and ear protection.
- i. Air tools should not be used in a potentially explosive environment.
- j. **The tool must be used only for its prescribed purpose.** Any use other than those mentioned in this Manual will be considered a case of misuse. The user and not the manufacturer shall be liable for any damage or injury resulting from such cases of misuse.



**WARNING!** In the event that an air line is cut or broken, the air supply must be turned off at the compressor. A broken air line which is not supported is extremely dangerous and can whip around very quickly, both with the capability of striking people, and blowing foreign particles into the air.

Do not attempt to catch the air line but immediately keep bystanders well clear and turn off the air supply to the hose, turn off the compressor at the On / Off button, and then remove the hose from the compressor.

## GENERAL AIR TOOL SAFETY WARNINGS (cont.)

- Please read and observe these operating instructions before using the tool. Basic safety measures should always be strictly followed to protect against damage to the equipment and personal injury to the user or other people working in the vicinity of operation.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given the supervision or instruction concerning use of the appliance by a person responsible for their safety.
- **Children should be supervised to ensure that they do not play with the appliance.**

## STAPLE GUN SAFETY WARNINGS



**WARNING!** Disconnect the tool from the air supply before removing fasteners. Failure to do so could result in serious personal injury.

- **Read and understand instruction manual before using.**
- **Always wear impact-resistant eye protection during the operation of the air tool.**
- **Do not use this product if it is not completely assembled or if any parts appear to be missing or damaged.** Use of a product that is not properly and completely assembled could result in serious personal injury.
- **Always assume that the tool contains fasteners.** Careless handling of the tool can result in unexpected firing of fasteners and personal injury.
- **Do not point the tool towards yourself, anyone nearby or animals while operating.** Unexpected triggering will discharge the fastener causing an injury.
- **Do not actuate the tool unless the tool is placed firmly against the workpiece.** If the tool is not in contact with the workpiece, the fastener may be deflected away from your target.
- **Disconnect the tool from the air supply when the fastener jams in the tool.** While removing a jammed fastener, the tool may be accidentally activated if it is connected to the air supply.
- **Do not use this tool for fastening electrical cables.** It is not designed for electric cable installation and may damage the insulation of electric cables thereby causing electric shock or fire hazards.
- Do not carry tool with finger on the trigger.
- Keep the tool pointed in a safe direction at all times.
- **Never attempt to fire a fastener into material that is too hard,** or at a too steep of angle, or near the edge of the workpiece.
- **Disconnect the tool from the air supply before removing fasteners,** clearing a jam fastener, leaving work area, moving tool to another location, making any adjustments, performing maintenance, during non-operation or handing tool to another person. Failure to do so could result in serious personal injury.
- **Clean and inspect the tool daily.** Carefully check for proper operation of trigger and safety mechanism.
- **DO NOT use the tool unless both the trigger and safety mechanism are functional,** or if the tool is leaking air or needs any other repair.
- **Be aware that the failure of the work piece,** or accessories, or even of the fastener driving tool itself, can generate high-velocity projectiles.
- Air under pressure can cause severe injury.
- **Whipping hoses can cause severe injury.** Always check for damaged or loose hoses and fittings.

## STAPLE GUN SAFETY WARNINGS (cont.)

- DO NOT exceed the maximum pressure stated on the tool.
- Never carry an air tool by the hose.
- **Only use fasteners listed in the specifications may be used in the magazine.**
- Quick connector couplings shall be used for connection to the compressed air system and non-sealable air inlet connector must be fitted at the tool in such a way that no compressed air remains in the tool after disconnection.
- Fastener driving tools shall only be connected to an air supply where the maximum allowable pressure of the tool cannot be exceeded by more than 10%; in the case of higher pressure, a pressure reducing valve which includes a downstream safety valve shall be built into the compressed air supply.
- Check prior to each operation that the safety and triggering mechanism is functioning properly and that all nuts and bolts are right.
- Do not carry out any alterations to the air tool.
- **Avoid weakening or damaging the tool, for example by:**
  - punching or engraving;
  - modification not authorized by the manufacturer;
  - guiding against templates made of hard material such as steel;
  - dropping or pushing across the floor;
  - using the tool as a hammer;
  - applying excessive force of any kind.
- Hold the fastener driving tool during the work operation in such a way that no injuries can be caused to the head or to the body in the event of possible recoil consequent upon a disruption in the compressed air supply or hard areas within the workplace.
- **Never actuate the fastener driving tool into free space.** This will avoid any hazard caused by free flying fasteners and excessive strain of the tool.
- **Do not connect tool** to pressure that potentially exceeds 180psi (12.4bar).
- **Only use clean,** dry and regulated compressed air at 70 - 120psi (4.8 - 8.3bar)
- Keep all body parts such as hands and legs, etc. away from firing direction and ensure fastener cannot penetrate workpiece into parts of the body.
- When using the tool, be aware that the fastener could deflect and cause injury.
- Only technically skilled operators should use the fastener driving tool.
- This tool is not intended for driving into hard surfaces such as steel or concrete.
- Take care when handling fasteners, especially when loading and unloading, as the fasteners have sharp points which could cause injury.
- Do not overreach. Only use in a safe working place. Keep proper footing and balance at all times.

## STAPLE GUN SAFETY WARNINGS (cont.)

- Keep bystanders away (when working in an area where there is a likelihood of through traffic of people). Clearly mark off your operating area.
- During operation be careful that fasteners penetrate material correctly and cannot be deflected/misfired towards operator and/or any bystanders.
- Only wear gloves that provide adequate feel and safe control of triggers and any adjusting devices.
- The tool must be disconnected from the air supply and rested on a flat surface on its side when not in use.
- During operation, debris from work piece and fastening/collation system may be discharged.
- Always wear impact-resistant eye protection with side shields during operation of the tool.
- Appropriate hearing protection shall be worn.
- The risks to others shall be assessed by the operator.
- Ensure tool is always safely engaged on the work piece and cannot slip.
- Ensure the tool is correctly lubricated during use. Only use the correct lubricant as specified in this manual.
- Slips, trips and falls are major causes of workplace injury. Be aware of slippery surfaces caused by use of the tool and also of trip hazards caused by the airline hose.
- Proceed with additional care in unfamiliar surroundings. Hidden hazards may exist, such as electricity or other utility lines.
- This tool is not intended for use in potentially explosive atmospheres and is not insulated from coming into contact with electric power.
- Never use oxygen or combustible gases for operating pneumatic tools as this could create a fire and explosion hazard.
- Do not discard the manual and safety instructions.

## SET UP & PREPARATION



**WARNING!** Ensure the tool is in the off position before connecting to the air supply.



**WARNING!** The tool's driving mechanism may cycle when the tool is first connected to the air supply. Always connect the tool to a pressurized air supply before loading fasteners to prevent injury from unintended cycling. Always make sure the tool's magazine (5) is empty at the beginning of each work session, before connecting to an air supply.

### Connecting air supply

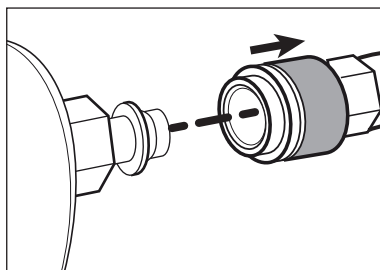
Under normal use conditions, the tool should be lubricated with air tool oil before connecting the tool to an air supply. Add air tool lubricate into the air tool once daily with minimal use, or twice a day with heavy use. Only a few drops of oil at a time is necessary. Too much oil will only collect inside the tool and will be noticeable in the exhaust cycle.

Before connecting the tool, check the air compressor gauge to be sure it is functioning within the proper range 70 - 120psi (4.8 - 8.3bar).

**Note:** The tool and air hose must have a quick-connect hose coupling that allows all pressure to be removed from the tool when the coupling is disconnected.

1. Pull back the sleeve on female quick connector hose coupling, insert male end and release sleeve on quick connector.

**Note:** For best performance use 3/8" I/D supply air hose.



**WARNING!** Ensure that the compressed air does not exceed 120psi (8.3bar) while operating the tool. Too high an air pressure and unclean air will shorten the product's life due to excessive wear, and may be dangerous causing damage and/or personal injury.



**WARNING!** Always use a coupling that discharges all the compressed air in the tool at the time the fitting or hose coupling is disconnected. Using a coupling that does not discharge the compressed air could cause unintended operation and serious personal injury..



**WARNING!** Do not climb rigging or scaffolding while carrying a tool that is connected to an air hose. Doing so could result in serious personal injury..

## SET UP & PREPARATION (cont.)



**WARNING!** Do not attempt to modify this tool or fit accessories not recommended for use with this tool. Any such in a hazardous condition leading to possible serious personal injury.

### Setting the air pressure

Check whether the fastener has been driven into the work piece in accordance with your requirements. The depth of fastener is driven is controlled by the air pressure, raise or lower the air pressure to find the lowest setting that will consistently perform the task at hand.

- If the fastener is protruding, increase the air pressure in small increments, checking the result after each new adjustment.
- If the fastener is driven into the work piece at an excessive depth, reduce the air pressure in small increments until the result is satisfactory.

**Note:** The amount of air pressure required will depend on the size of the fastener and the work piece material. Air pressure that is excessive of what is required can cause premature wear or damage to the tool.

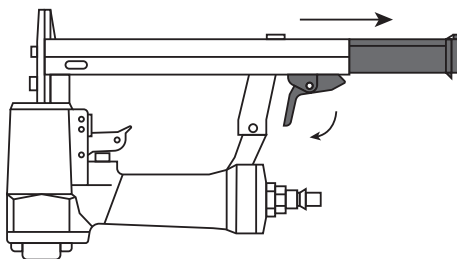
## SET UP & PREPARATION (cont.)

### Loading fasteners

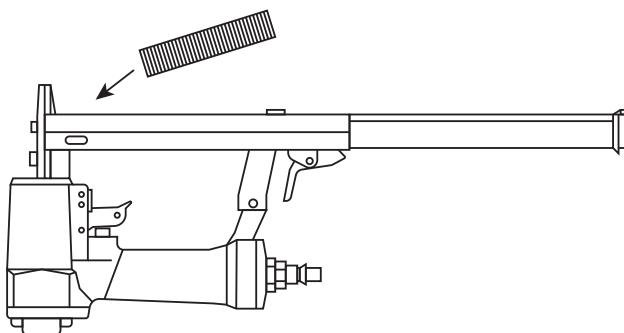


**WARNING!** Always disconnect tool from pressured air supply before loading fasteners. Only use fasteners specified in the Specifications in this manual can be used. Keep the tool pointed away from yourself and others at all times. Do not load fasteners with the trigger depressed.

1. Grip the handle firmly and depress the magazine lock to release the moveable magazine.



2. Feed the strip of fasteners into the fixed magazine from the top, be sure the fasteners are orientated correctly.

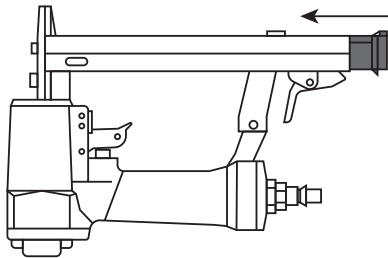


**WARNING!** Do not carry tool with your finger on the trigger.

## SET UP & PREPARATION (cont.)

### Loading fasteners

3. Push the moveable magazine (4) forward until it is locked into position.



**Note:** Do not fire the tool without fasteners in the magazine. Load additional strips of fasteners behind the remaining fasteners as described above and continue operation.

# OPERATION

## Driving fasteners



**WARNING!** Do not operate the tool without fasteners in the magazine. Remove finger from trigger when not firing fasteners.

This tool has two firing methods, **Single firing** and **Sequential firing**. This allows for driving fasteners in different ways for precise accuracy or speed.



**WARNING!** Always wear eye protection. Make sure the eye protection chosen has side shields or provides protection from flying debris both from the front and sides.

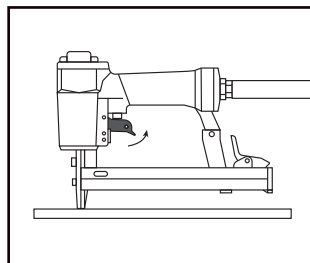
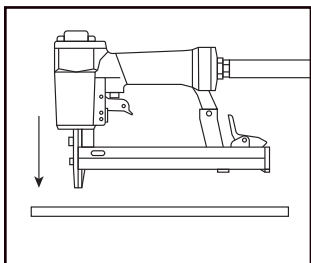
### • Single firing method- fires one fastener

This method will fire one fastener only when the tool is pushed against the work surface and each time the trigger is pressed, this is an accurate and more precise method of firing fasteners.

1. Grip the handle firmly.
2. Place the air gun on the work piece and press the trigger to fire one fastener.
3. Remove the air gun from the work piece.

**Note:** Always remove your finger from the trigger after the fastener is driven into the work piece.

4. Repeat the procedure for the next fastener.

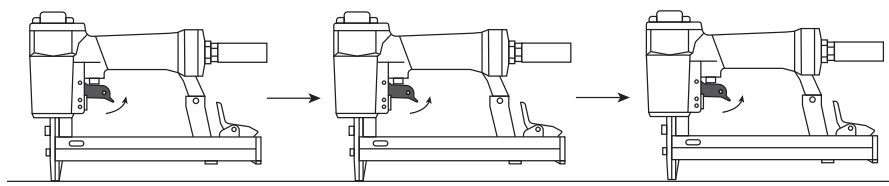


## OPERATION (cont.)

- **Sequential firing - fires one fastener after the other when the trigger is pressed.**

This method will fire a fastener when the trigger is pressed as you drag the nose of the tool along the work piece. This method is a much faster firing method.

1. Grip the handle firmly.
2. Press the tool on the material and press the trigger to fire one fastener.
3. To fire again drag along the material whilst pressing and releasing the trigger to fire.



**Note:** Always remove your finger from the trigger after the fastener is driven into the work piece.



**WARNING!** Do not clamp or hold the trigger with anything other than your hand.



**WARNING!** Do not over reach. Keep proper footing and balance at all times.

## OPERATION (cont.)

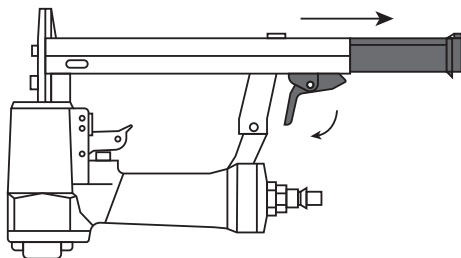
### Removing fasteners from the magazine

1. Pull back the sleeve on female quick connector to disconnect the tool from the air supply.



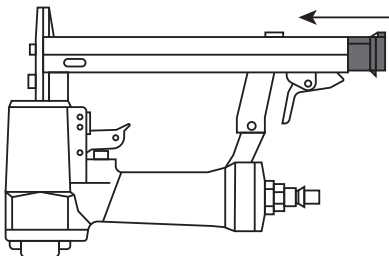
**WARNING!** Disconnect the tool from the air supply before removing fasteners. Failure to do so could result in serious personal injury.

2. Grip the handle firmly and depress the magazine lock to release the moveable magazine.



**Note:** Keep fingers clear of fastener track of magazine to prevent injury from unintended release of the moveable magazine.

3. Remove remaining staples from the fixed magazine
4. Push the moveable magazine forward until it is locked into position.



## MAINTENANCE

- If the enclosure of the tool requires cleaning, do not use solvents but a moist soft cloth only. Never let any liquid get inside the tool; never immerse any part of the tool into a liquid.
- Store the tool in a dry and safe place out of reach of children.
- Oil the air tool after each use with air tool oil.
- After approximately 300,000 staples, the air gun will require servicing. If any servicing or repairs are required, the tool must be serviced by a qualified repairs agent.

*Note: TB Imports will not be responsible for any damage or injuries caused by the repair of the tool by an unauthorised person or by mishandling of the tool.*







### **Spare Parts**

Limited spare parts are available subject to availability. Please contact your local Bunnings Special Orders Desk to order the required spare parts.

## TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	POSSIBLE REMEDY
Air leak near the top of the tool or in the trigger area.	Loose screws	Tighten screws
	Worn or damaged o-rings or seals	Check and replace O-rings
Air leak near the base of the tool	Loose screws	Tighten screws
	Worn or damages o-rings or seals	Check and replace O-rings
Tool does nothing or operates sluggishly	Insufficient air supply	Increase air flow to tool (Do not exceed 120psi)
	Insufficient lubrication	Lubricate tool
	Worn or damaged o-rings	Check and replace O-rings
Fasteners jam frequently	Incorrect fasteners	Check magazine (5) for correct fasteners
	Damaged fasteners	Replace fasteners
	Dirty magazine (5)	Clean magazine (5)
Fastener will not drive completely into the work piece	Insufficient air supply	Increase air flow to tool (Do not exceed 120psi)
Fasteners penetrate properly during normal operation, but won't drive fully at faster speeds.	Insufficient air supply	Increase air flow to tool (Do not exceed 120psi)
		Use larger air lines (3/8" I/D minimum)
Fastener drive is too deep	Air pressure too high	Reduce air pressure
Tools skips during operation - no fasteners are driven from time to time	Incorrect fasteners	Check magazine (5) for correct fasteners
	Dirty magazine (5) or magazine feeder (4)	Magazine feeder (4) should slid freely. Clean as needed to remove debris
	Insufficient air supply	Use larger air lines (3/8" I/D minimum)

## DESCRIPTION OF SYMBOLS

	Warning	$n_0$	No load speed	
$\varnothing$	Diameter			
/min	Revolutions or reciprocations per minute		Wear hearing protection	
		Read Instruction Manual		Wear eye protection
	<p>Warning, this nail gun has contact actuation mode (bump fire) Its intended uses are for production applications such as pallets, furniture, manufactured housing, upholstery and sheathing. Do not use this tool in bump fire mode for applications such as closing boxes or crates and fitting transportation safety systems on trailers and lorries. Take extra care when changing from one driving location to another in bump fire mode and always disconnect the air supply when not in use.</p>			

## 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.

## CONTENTS

1 x Air Backing Staple Gun  
2 x Hex keys 4mm & 3mm

1 x Oil bottle  
1 x Instruction manual

**Note:** The manufacturer's liability shall be deemed void if the tool is modified in any way and the manufacturer shall therefore accept no liability for any damages arising as a result of modifications.

Distributed by:  
TB Imports

**AUSTRALIA (Head Office)**

25 Fox Drive, Dandenong South, Victoria, Australia, 3175  
Telephone: 1800 951 371 (AUS), 0800 647 840 (NZ)

# WARRANTY

**YOUR WARRANTY FORM SHOULD BE RETAINED BY YOU AT ALL TIMES. IN ORDER TO MAKE A CLAIM UNDER THIS WARRANTY YOU MUST RETURN THE PRODUCT TO YOUR NEAREST BUNNINGS WAREHOUSE (see [www.bunnings.com.au](http://www.bunnings.com.au) or [www.bunnings.co.nz](http://www.bunnings.co.nz) for store locations) WITH YOUR BUNNINGS REGISTER RECEIPT. PRIOR TO RETURNING YOUR PRODUCT FOR WARRANTY PLEASE TELEPHONE OUR CUSTOMER SERVICE HELPLINE:**

**Australia 1800 951 371  
New Zealand 0800 647 840**

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.

## 1 YEAR WARRANTY

Your product is guaranteed for a period of **12 months from the original date of purchase**. If a product is defective it will be repaired in accordance with the terms of this warranty. Warranty excludes consumable parts, for example: wheels, bearings.

The benefits provided under this warranty are in addition to other rights and remedies which are available to you under law. The warranty covers manufacturer defects in materials, workmanship and finish under normal use.

Our goods come with guarantees that cannot be excluded under Australian Consumer law & Consumer Guarantees Act 1993 (NZ). You are entitled to a replacement or refund for a major failure and to compensation for other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired and replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

## WARRANTY EXCLUSIONS

**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.
- The warranty excludes damage resulting from product misuse or product neglect.

**This warranty is given by TB Imports.**

**ABN: 17 050 731 756**

**Ph. 1800 951 371 (AUS)**

**0800 647 840 (NZ)**

Australia/New Zealand (Head Office)  
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