



AIR HYDRAULIC RIVETER

- **SUITS 2.4 / 3.2 / 4.0 /
4.8 MM RIVETS**
- **11KN PULL FORCE**
- **17MM STROKE LENGTH**
- **1/4 NITTO STYLE MALE
SWIVEL CONNECTOR**



INSTRUCTION MANUAL

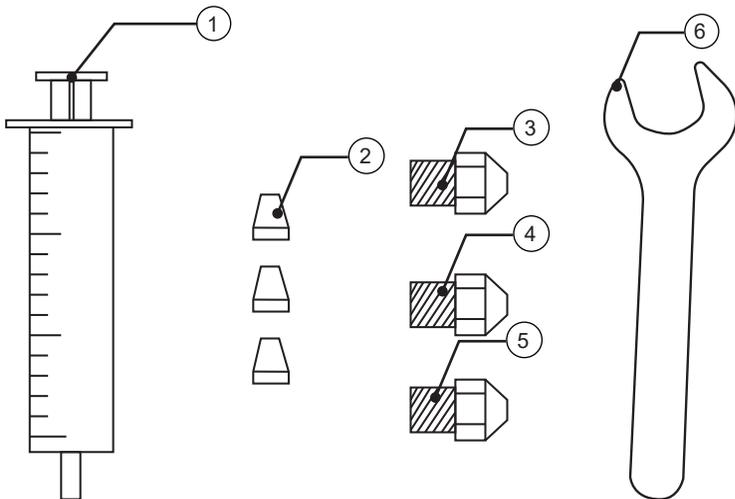


WARNING: Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electrical shock, fire and/or serious injury. Save all warnings and instructions for future reference.

SPECIFICATIONS - MODEL NO. FBAHR-032

Blind Rivet Capacity:	2.4, 3.2, 4.0, 4.8 mm
Stroke Length:	17mm
Pull Force:	8.1-11 Kn
Air Inlet:	1/4 Nitto Style Male Swivel Connector
Operating Pressure:	5 - 7 bar (72.5 - 101.5 psi)
Maximum Pressure:	7 bar (101.5 psi)
Weight:	1.5kg
Air Consumption:	0.368 Litre per cycle

KNOW YOUR PRODUCT

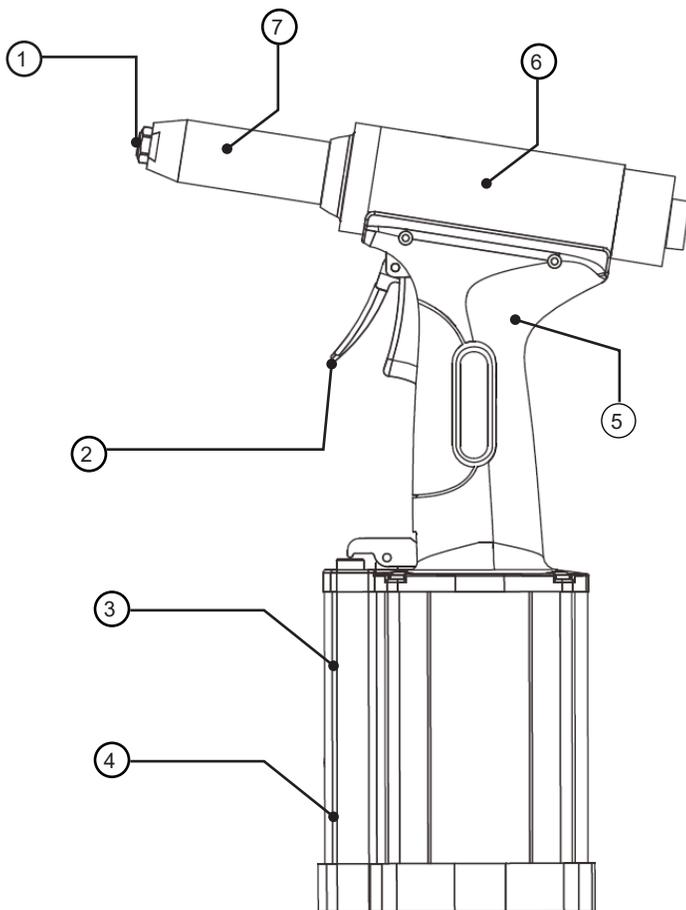


1. Hydraulic Oil Syringe
2. Replacement Jaw St (3pc)
3. 3.2 mm Nose Piece
4. 4.0 mm Nose Piece

5. 2.4 mm Nose Piece
6. 1 x 12mm Spanner

Note; 4.8mm Nose Piece fitted to the unit

KNOW YOUR PRODUCT



1. 4.8 mm Nose Piece

2. Trigger

3. Air Cylinder

4. 1/4 Nitto Style Male Swivel Connector

5. Handle

6. Hydraulic Revisor

7. Rivet Barrel

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INTRODUCTION

Congratulations on purchasing a Full Boar Air Hydraulic Riveter. Fitted with a powerful hydraulic piston to handle various tasks such as assembly and repairs in the workshop or work site.

Read and understand the Owner's Manual before operating the Hydraulic Air Riveter. Failure to do so could result in personal injury or equipment damage.

AIR SUPPLY

The use of an automatic in-line filter and a pressure regulator is recommended as it increases the products service life.

This tool does not require an in line air tool lubrication system. There is no need to lubricate the tool before use.

The use of air line lubrication may harm rubber compounds in the product's 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.

Save all warnings and instructions for future reference.

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



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.)

such cases of misuse.

- 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.**

AIR HYDRAULIC RIVETER SAFETY WARNINGS



WARNING! Disconnect the tool from the air supply before inspecting the air tool. 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.
- **Do not actuate the tool unless the tool is placed firmly against the workpiece.**
- **Disconnect the tool from the air supply if the tool jams.** While removing a jammed rivet, the tool may be accidentally activated if it is connected to the air supply.
- 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 rivet 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 performing maintenance,** leaving work area, moving tool to another location, making any adjustments, 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 the trigger is 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.
- DO NOT exceed the maximum pressure stated on the tool.
- Never carry an air tool by the hose.
- 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.
- Air 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.

AIR HYDRAULIC RIVETER SAFETY WARNINGS

- Check prior to each operation that the safety and triggering mechanism is functioning properly and that all nuts and bolts are tight.
- 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..
- **Do not connect tool** to pressure that potentially exceeds 101.5 psi (7 bar).
- **Only use clean**, dry and regulated compressed air at 5 - 7 bar (72.5 - 101.5 psi)
- Only technically skilled operators should use the air tool.
- Do not overreach. Only use in a safe working place. Keep proper footing and balance at all times.
- Keep bystanders away (when working in an area where there is a likelihood of through traffic of people). Clearly mark off your operating area.
- 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 when not in use.
- 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.

Connecting air supply

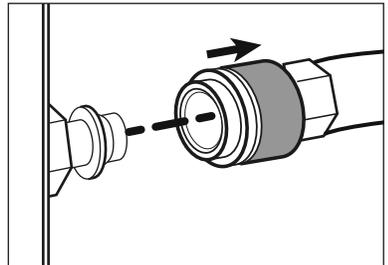
1. Wrap Teflon tape (not supplied) around the Nitto Style Fitting approximately 4 to 5 times to ensure a leak free seal.
2. Screw in Nitto Style Fitting to the air inlet of the Air Hydraulic Riveter.
3. Fasten the Nitto Style Fitting using a 14mm spanner (not supplied).

Before connecting the tool, check the air compressor gauge to be sure it is functioning within the proper range 5 - 7 bar (72.5 - 101.5 psi).

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 101.5 psi (7 bar) 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..

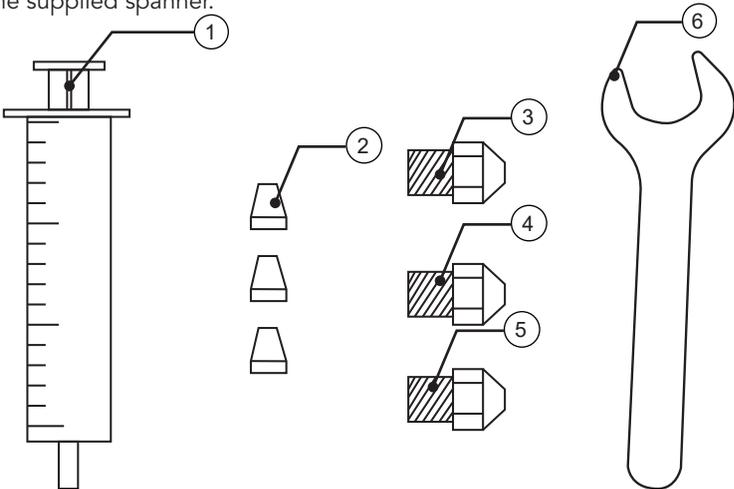
SET UP & PREPARATION (cont.)



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

Changing Air Riveter Nose Piece

1. Your Air Riveter comes with 3 different size nose pieces to accommodate for most standard rivet sizes.
2. Before changing the nose piece, ensure the air tool is disconnected for the air supply
3. Using the supplied spanner, turn the nose piece anti clock wise and remove the nose piece.
4. Select which nose piece you require for the rivets being fired.
5. Feed the desired nose piece into the frame head by hand, and tighten securely with the supplied spanner.



1. Hydraulic Oil Syringe
2. Replacement Jaw St (3pc)
3. 3.2 mm Nose Piece

4. 4.0 mm Nose Piece
5. 2.4 mm Nose Piece
6. 1 x 12mm Spanner



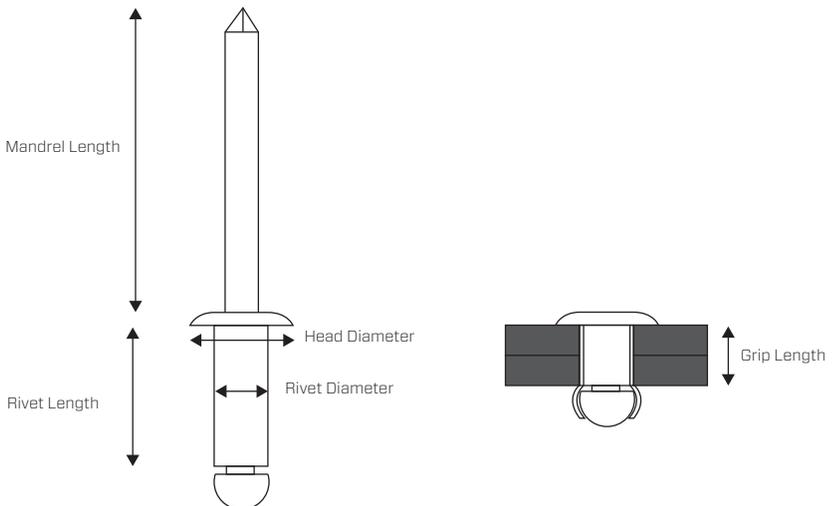
WARNING! Do not climb rigging or scaffolding while carrying a tool that is connected to an air hose. Doing so could result in serious personal injury..

OPERATION

Driving Rivets

1. Select the nose piece you require for the size of rivet being used.
2. Using a drill, drill into the material you wish to rivet.

Note: When drilling rivet holes, use the same diameter drill bit as the outer diameter.
3. Attach an air hose to the Nitto style fitting attached to the Air Hydraulic Riveter.
4. Turn on your compressor, and set the regulator between 5 - 7 bar (72.5 - 101.5 psi).
5. Insert the mandrel of the rivet through the nose piece of the Air Riveter
6. Insert the rivet through the pre drilled hole in the work piece/material and hold steady with your hand.
7. Hold the Air Hydraulic Riveter firmly against work piece with both hands, and squeeze the trigger to activate the Riveter.
8. Release the trigger and remove the Air Hydraulic Riveter from the work piece.
9. When you are finished using the Air Hydraulic Riveter, disconnect the tool from your air hose and purge any remaining air, by holding down the trigger.



MAINTENANCE

General Cleaning

- 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.

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.

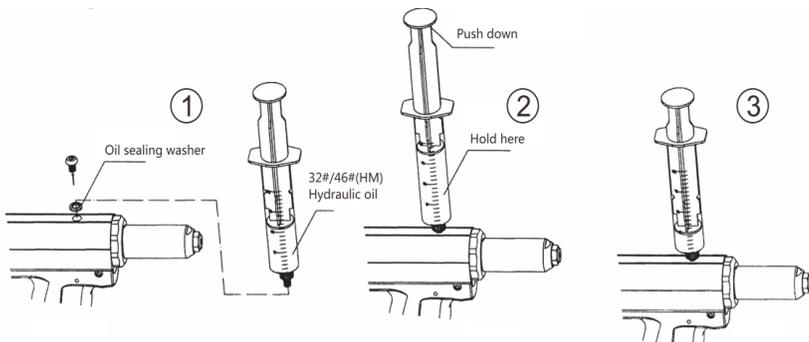
Changing Hydraulic Oil

The hydraulic oil should be changed after about 5000-8000 cycles depending on the working environment.

1. Using a hex key (not supplied), remove the oil sealing bolt and washer.
2. Tip the riveter upside down to drain hydraulic oil.
3. Add 15 - 20ml of hydraulic oil using the supplied syringe.

Note: Mobile Hydraulic Oil #32 and #46 is recommended

4. Once filled, screw oil sealing bolt and washer back into the tool and wipe and spilt oil before operating 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)
	Worn or damaged o-rings	Check and replace O-rings
Rivet will not drive completely into the work piece	Insufficient air supply	Increase air flow to tool (Do not exceed 120psi)
Rivets 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)



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



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.



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.

DESCRIPTION OF SYMBOLS

/min	Revolutions or reciprocations per minute	n_0	No load speed
	Wear eye, ear & breathing protection		Wear hearing protection
	Wear breathing protection		Wear eye protection
	Read Instruction Manual		Warning

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 Hydraulic Air Riveter

1 x Spanners

4 x Nose Pieces

1 x Hydraulic Oil Syringe

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)

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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 or 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

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