



INSTRUCTIONS FOR:  
**BAZOOKA® BEAD SEATING TOOL 6LTR**  
 MODEL NO: **TC903**

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.

**IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.**



Read manual



Wear eye protection



Wear ear protection



Wear protective gloves

**1. SAFETY**

- WARNING!** Always wear eye and ear protection
- ✓ For indoor use only.
- ✓ Ensure the receiver is in good order and condition before use.
- ✓ Keep the receiver away from heat sources, corrosives and inflammable materials.
- WARNING! DO NOT tamper with, or attempt to adjust, the safety valve.**
- ✓ Before working on the receiver ensure that the pressure has been vented.
- ✓ Use only authorised attachments and parts. Unauthorised items may be dangerous and will invalidate your warranty.
- ✓ Read the instructions regarding any accessory used with the receiver. Ensure the safe working pressure of the receiver exceeds the supply pressure.
- ✓ Ensure air hoses are not tangled, twisted or pinched.
- ✓ Keep children and unauthorised persons away from the working area.
- ✗ **DO NOT** use the receiver to perform a task for which it is not designed.
- ✗ **DO NOT** deface, or remove, the certification plate attached to the receiver.
- ✗ **DO NOT** operate the bead seating tool whilst tired, ill, under the influence of alcohol or other intoxicating drugs.
- DANGER! DO NOT direct compressed air towards people or animals.**
- WARNING! The receiver is a pressure vessel and the following safety measures apply:**
- ✗ **DO NOT use the receiver without the safety valve fitted.**
- ✗ **DO NOT tamper with the safety valve, DO NOT modify or alter the receiver in any way.**
- ✗ **DO NOT subject the receiver to impact, vibration or heat and DO NOT allow contact with abrasives or corrosives.**
- ✓ **Drain condensation from receiver daily when in use, inspect inside walls for corrosion every three months and have a detailed inspection carried out annually. The receiver shell must not fall below the certified thickness at any point.**
- ✓ Clean with a cloth after use and store indoors with the compressed air vented. Also vent before removing barrel or disposal.

**2. INTRODUCTION**

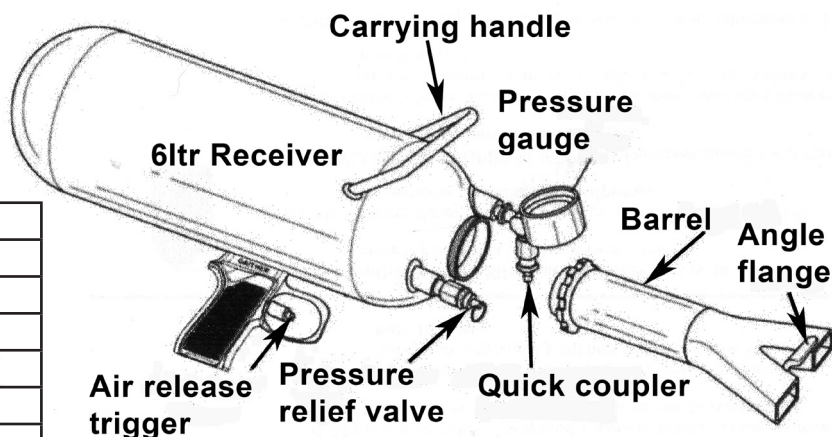
The next generation of bead blaster which produces a huge punch despite its size. Delivers an instantaneous blast of air. Dumps air into tyre void forcing bead to seat against rim for inflation. Fully certified tank with gauge, safety valve that prevents over pressurising. Push button trigger that allows the technician to keep both hands on the tank for more control. Suitable for use on cars, light commercials and ATV tyres. Supplied with safety spectacles, ear plugs and wall mounting bracket.

**3. SPECIFICATION**

Model No: ..... TC903  
 Maximum Pressure: ..... 150psi/10bar  
 Tank Capacity: ..... 6ltr  
 Weight: ..... 5.6kg

**4. CONTENTS**

Item No	Description	Qty
1	Receiver	1
2	Barrel	1
3	Pressure Gauge	1
4	Safety Relief Valve	1
5	Wall Mounting Bracket	1
6	Safety Spectacles	1-pair
7	Ear Plugs	1-set



**fig.1** (shown in horizontal wheel set up)

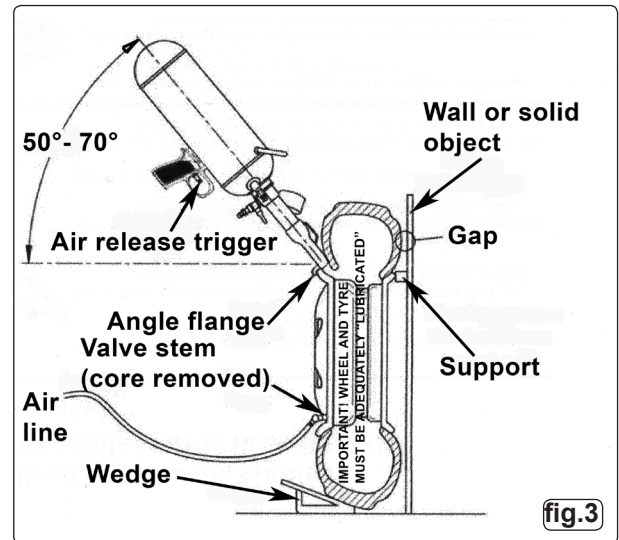
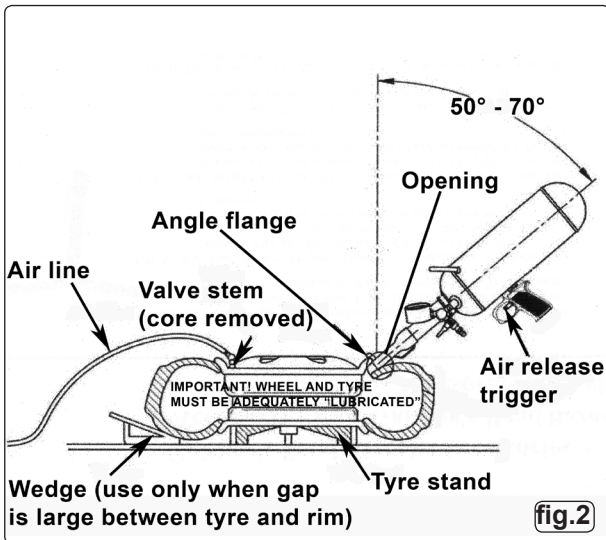
**5. ASSEMBLY**

- 5.1. Fit an air coupler nipple, not supplied, to suit the available air line system into the small intake valve shown in fig.1.
- 5.2. Fit the twin outlet barrel to the receiver securely, ensuring air tight integrity of the connection. **In use, it is required that the angle flange is carrying handle side (opposite side to air release trigger) of the receiver when the task wheel is horizontal (fig.2). When the task wheel is vertical the angle flange should be the same side as the air release trigger (fig.3).**
- 5.3. Check the integrity of the pressure gauge and safety relief valve connections.

## 6. OPERATION

### 6.1. Horizontal wheel mode. (fig.2)

- 6.1.1. The assembled unit barrel angle flange will be on the opposite side to the air release trigger. See also 5.2.
- 6.1.2. Place the wheel with tyre on to a proprietary rim stand and clamp in position through the central hub. **The tyre and wheel must be off the ground. The bottom bead must already be correctly seated.**
- 6.1.3. Connect an air line to the "quick" coupling and open the intake valve to pressurise the receiver to the 'working pressure'. **Normal working pressure is from 20 to 150psi / 1.5 to 10bar.** The pressure required in the receiver will depend upon experience, the tyre size and the tyre condition.
- 6.1.4. With one hand on the carrying handle and the other on the trigger release handle, aim the twin outlets, directly opposite ( $\approx 180^\circ$ ) the tyre valve stem. Target the middle of the gap, an angle of  $50^\circ$  to  $70^\circ$  from the vertical to bring the angle flange into contact with the rim of the wheel, now the stop or pivot point. Once positioned, keeping the angle of approach, move the twin outlets away approximately 40mm to avoid premature contact with the tyre as it quickly expands with the force of mains air in 6.1.5..
- 6.1.5. Apply a steady flow of air into the valve stem whilst simultaneously returning the twin outlets toward the tyre and rim fulcrum position.
- 6.1.6. Hold this position firmly and gently press the air release trigger with your index finger, directing the receiver air into the gap between the tyre and rim.



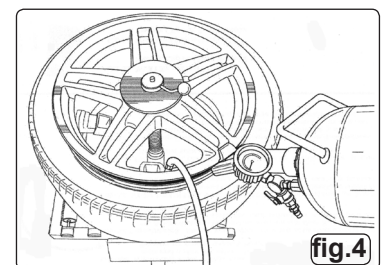
### 6.2. Vertical wheel mode. (fig.3)

- 6.2.1. The assembled unit barrel angle flange will be on the same side as the air release trigger. See also 5.2.
- 6.2.2. Place the wheel with tyre against a wall, for example. **The tyre must be off the wall and the back bead must already be correctly seated.** Use a wedge if required to set the bead.
- 6.2.3. Connect an air line to the "quick" coupling and open the intake valve to pressurise the receiver to the 'working pressure'. **Normal working pressure is from 20 to 150psi / 1.5 to 10bar.** The pressure required in the receiver will depend upon experience, the tyre size and the tyre condition.
- 6.2.4. With one hand on the carrying handle and the other on the trigger release handle, aim the twin outlets, directly opposite ( $\approx 180^\circ$ ) the tyre valve stem. Target the middle of the gap, an angle of  $50^\circ$  to  $70^\circ$  from the horizontal to bring the angle flange into contact with the rim of the wheel, now the stop or pivot point. Once positioned, keeping the angle of approach, move the twin outlets away approximately 40mm to avoid premature contact with the tyre as it quickly expands with the force of mains air in 6.2.5..
- 6.2.5. Apply a steady flow of air into the valve stem whilst simultaneously returning the twin outlets toward the tyre and rim stop position.
- 6.2.6. Hold this position firmly and gently press the air release trigger with your index finger, directing the receiver air into the gap between the tyre and rim.
- 6.3. Notes for both horizontal and vertical process**
- 6.3.1. If above procedure does not set the bead, repeat the procedure at a higher pressure or try with the receiver vertical in (fig.2); horizontal in (fig.3).
- 6.3.2. After the bead has set to the wheel, stop the air flow to the valve stem, fit a valve core in the stem, move the wheel assembly to a tyre inflation cage and inflate the tyre to the manufacturer's recommended operating pressure.
- 6.3.3. \* In some instances on smaller wheels it may be better to position the barrel closer to the valve stem (fig.4). See also 6.1.4 and 6.2.4.



#### Environmental Protection

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, dispose of the product according to local regulations.



Parts support is available for this product. To obtain a parts listing and/or diagram, please log on to [www.sealey.co.uk](http://www.sealey.co.uk), email [sales@sealey.co.uk](mailto:sales@sealey.co.uk) or telephone 01284 757500.

**NOTE:** It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

**IMPORTANT:** No liability is accepted for incorrect use of this product.

**WARRANTY:** Guarantee is 12 months from purchase date, proof of which will be required for any claim.



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