

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 AND 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. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.**

## 1. SAFETY INSTRUCTIONS

### 1.2 GENERAL SAFETY

- ❑ **WARNING!** Ensure Health & Safety, local authority, and general workshop practice regulations are adhered to when using this equipment. Under Health and Safety Law, Employers and Self Employed Personnel have a legal duty to ensure Safe Working Conditions for all employees and personnel that may come into contact with this equipment. In particular they must carry out a specific risk and hazard assessment in the workplace to eliminate or reduce any risk found and must record, update and retain records of the results of this inspection.
- ✓ Familiarise yourself with the applications, limitations and any possible or potential hazards of the tyre changer.
- ✓ Maintain the tyre changer in good condition (use an authorised service agent).
- ✓ Replace or repair damaged parts. Use genuine parts only. Unauthorised parts may be dangerous and will invalidate the warranty.
- ❑ **WARNING!** Check regularly for damaged parts. Any part that is damaged must be repaired or replaced before the equipment is next used.
- ✓ Locate the tyre changer in a suitable work area, keep area clean and tidy and free from unrelated materials. Ensure that there is adequate lighting.
- ❑ **WARNING! The tyre changer must be bolted to a work surface. For best results mount the Mini Tyre Changer at waist height.**
- ✓ Keep the tyre changer clean for best and safest performance.
- ✓ Wear approved safety eye protection.
- ✓ Keep hands well clear of the bead breaker.
- ✓ Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip safety shoes.
- ✓ Remove ill fitting clothing. Remove ties, watches, rings other loose jewellery and contain and/or tie back long hair.
- ✓ Keep children and unauthorised persons away from the work area.
- x **DO NOT** use the tyre changer for any purpose other than that for which it is designed.
- x **DO NOT** operate the tyre changer if any parts are damaged or missing as this may cause failure and/or personal injury.
- x **DO NOT** allow untrained persons to operate the tyre changer.
- x **DO NOT** stand on the tyre changer.
- x **DO NOT** operate the tyre changer when you are tired or under the influence of alcohol, drugs or intoxicating medication.

## 2. SPECIFICATIONS

Suitable for changing tyres with small rim diameters commonly found on agricultural, leisure and industrial vehicles such as ATV's, golf buggies, mowers, garden tractors and handling equipment. Mount directly onto work surface. Supplied with tyre bar and alignment cone.

Minimum Rim Size:	100mm
Maximum Rim Size:	300mm
Maximum Wheel Width:	150mm

## 3. OPERATION

- ❑ **IMPORTANT! Never attempt to fit or remove a tyre without first lubricating both beads.**

### 3.1 Bead breaking

- 3.1.1 Deflate the tyre by removing the valve core and remove all balance weights.
- 3.1.2 Place the wheel with the valve facing down, over the threaded centre bar (fig.1).
- 3.1.3 Thread the locking nut onto the threaded centre bar, using the alignment cone and optional spacers if required.
- Note:** Ensure that the wheel is securely fastened to the tyre changer before proceeding with the operation.
- 3.1.4 Attach the bead breaker to the locking nut using one of the locking pins.
- 3.1.5 Adjust the shoe of the bead breaker so that it sits on the tyre and aligns close to the edge of the wheel rim and locate using the other locking pin (fig.2).
- 3.1.6 Apply firm pressure to the bead breaker by pushing down on the long handle, gradually work around the wheel rim until the bead has separated from the rim.
- 3.1.7 Turn wheel over and repeat to free the other bead.
- 3.1.8 Remove the bead breaker bar from the locking nut.

### 3.2 Tyre removal

- 3.2.1 Lubricate both tyre beads with an approved rubber lubricant.
- 3.2.2 Place the wheel onto the stand with the narrow bead seat uppermost and lock down using the lock nut and spacers.
- 3.2.3 Push down on the tyre until there is enough room to insert the ball end of the tyre removal tool under the bead of the opposite side of the tyre (fig.3).
- 3.2.4 Push down on the removal bar, so that the bead is raised above the rim.
- 3.2.5 Hold the tyre to prevent it from turning and pull the removal bar around anti-clockwise until all the bead has been raised above the rim (fig.3).
- 3.2.6 Lift the tyre up, remove inner tube if fitted and repeat the procedure for the lower bead (fig.4).



**3.3. Tyre fitting**

3.3.1 Lubricate both tyre beads with an approved rubber lubricant.

3.3.2 Mount and lock the wheel to the stand.

3.3.3 Place the lower bead of the tyre over the wheel rim (fig.5) and insert the fitting head of the tyre bar between the bead and the rim with the bead on the ledge of the fitting head (fig.6).

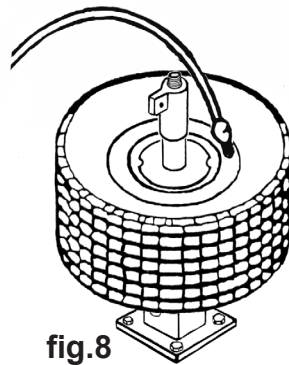
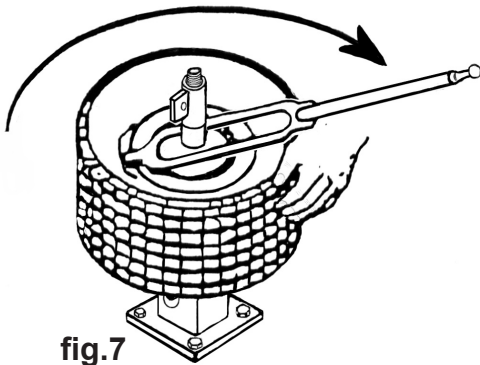
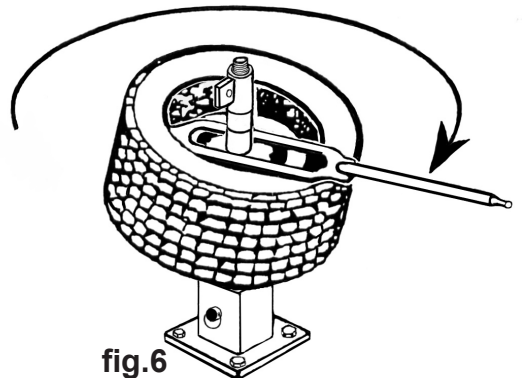
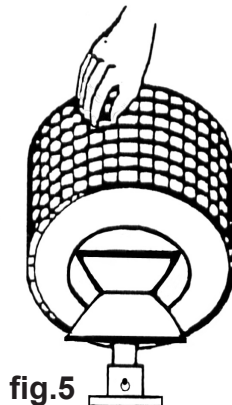
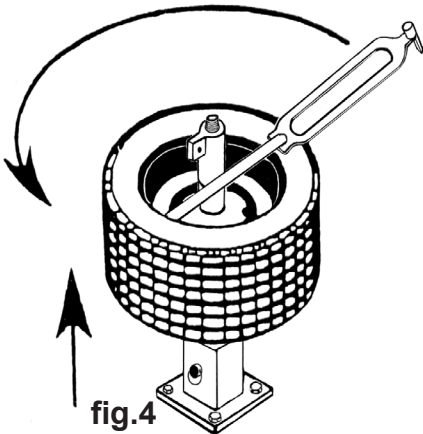
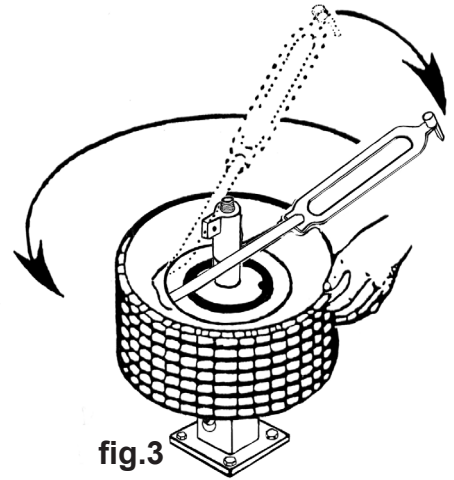
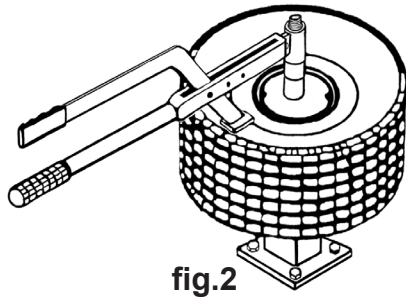
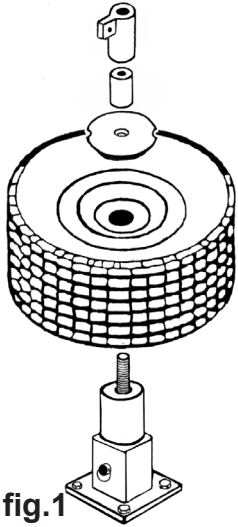
3.3.4 Lever the bar against the wheel location clamp and rotate the bead over the rim (fig.6).

3.3.5 Fit an inner tube if appropriate and then seat the upper bead in the same manner (fig.7).

3.3.6 Attach an air line gauge to inflate the tyre to seal the beads against the rim (fig.8), remove the air line gauge and refit the tyre valve core. Adjust the tyre pressure to the manufacturers recommended pressure.

☐ **WARNING!** Check that the bead has fully sealed against the wheel rim before replacing the valve core.

3.3.7 Remove the lock nut and remove the wheel from the tyre changer.



**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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