

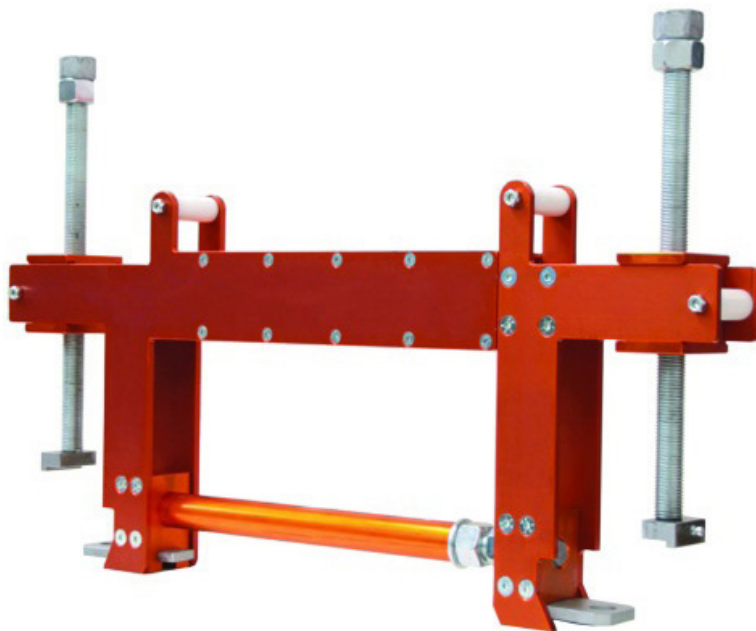


# INSTRUCTION MANUAL

## **#92250**

### **OTR LARGE O-RING INSTALLER**

**INSTALLS & REMOVES O-RINGS ON OTR TIRES 25"-36"**



## Precautions to Prevent Human Error

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To prevent error it is recommended to follow some suggestions, that can be considered forms of prevention meant to limit possible human error deriving from lack of knowledge of the most suitable procedures for the above mentioned operations:

- Supply of correct information to operators as to safety problems;
- Manipulation of the machine under safe conditions, whether packaged or unpackaged, avoiding collisions and exposure to corrosive substances;
- Correct use of the machine as to the work to be done;
- Detailed knowledge of the machine operation and of its limits
- Correct use of the machine under safe conditions.
- Use of the machine for functions differing from those for which it was designed and built is absolutely forbidden.
- Use of the machine by personnel whose knowledge, competence and responsibility are not consistent with the required operator qualification is forbidden. Entrusting machine control or maintenance to operators or maintenance personnel with insufficient specific training, even if provided with adequate general knowledge, competence and responsibility, is absolutely forbidden.

### **!WARNING!**

Any repair or maintenance work on the machine must be done with the machine switched off and disconnected from all supplies. Maintenance, repair and use of the machine must be entrusted to personnel trained for these jobs. The user must not, on his own initiative, carry out any operation or action on the machine that is not contemplated in this manual. Use of the machine without the safety systems is absolutely forbidden. Do not modify the machine or its parts for any reason at all. Ask the manufacturer directly for any modifications to the machine. In order to reach the above conditions it is necessary that: This Manual be available near the machine; Only adequately trained persons, with knowledge of the working process in which the equipment is used, be assigned to the machine.

## Operating Instructions

### **!CAUTION!**

BEFORE USING THIS TOOL, READ INSTRUCTIONS THOROUGHLY. THE USE OF THIS TOOL IN ANY OTHER APPLICATION IS BOTH A VOID OF WARRANTY AND CAN LEAD TO INJURY OR EVEN DEATH.



**Step 1**



**Step 2**

1. Insert the o-ring installer into the center of the wheel after the tire has been mounted and flange ring installed onto the wheel.
2. Lock the O-ring installer into place on the rim base using the adjustable nut (Item 3 in drawing)
3. Once secure, rest the lock ring onto the installer so it is accessible once the o-ring is installed.
4. Position the o-ring over the assembly so it is available once the rim flange has been pushed back



**Step 3**



**Step 4**

5. Once the tool is locked into place and the lock ring and o-ring are resting on the tool, position the end of the push screw assembly onto the flange. Repeat on the other side.



**Step 5**

## **!WARNING!**

This product as well as all tire tools should never be used by persons unless they have been properly trained according to O.S.H.A. Regulation #29CFR1910.177 entitled "Servicing Single-Piece and Multi-Piece Rim Wheels."

6. Use a wrench to drive the push assembly and rim flange back, alternating sides until the flange leaves the o-ring groove in the rim base completely exposed.
7. Ensure that there is enough room to install the o-ring.



**Step 6**



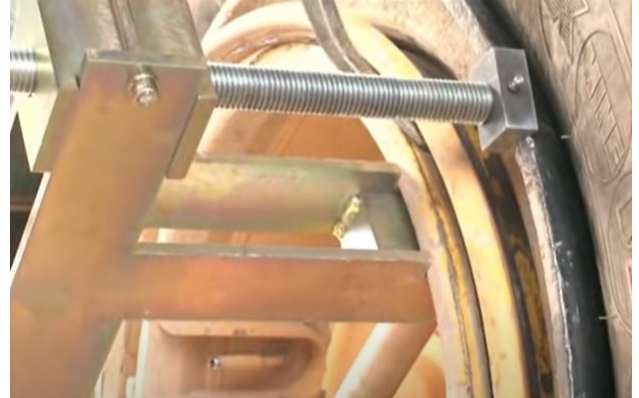
**Step 7**



8. Insert the o-ring into the groove making sure it fits completely.
9. Install the lock ring into place.



**Step 8**



**Step 9**

10. Use a wrench to drive the push assembly and rim flange back, alternating sides until the flange leaves the o-ring groove in the rim base completely exposed.
11. Remove the 92250 O-ring Installer and follow safe working procedures to inflate the tire wheel assembly.



**Step 10**



**Step 11**

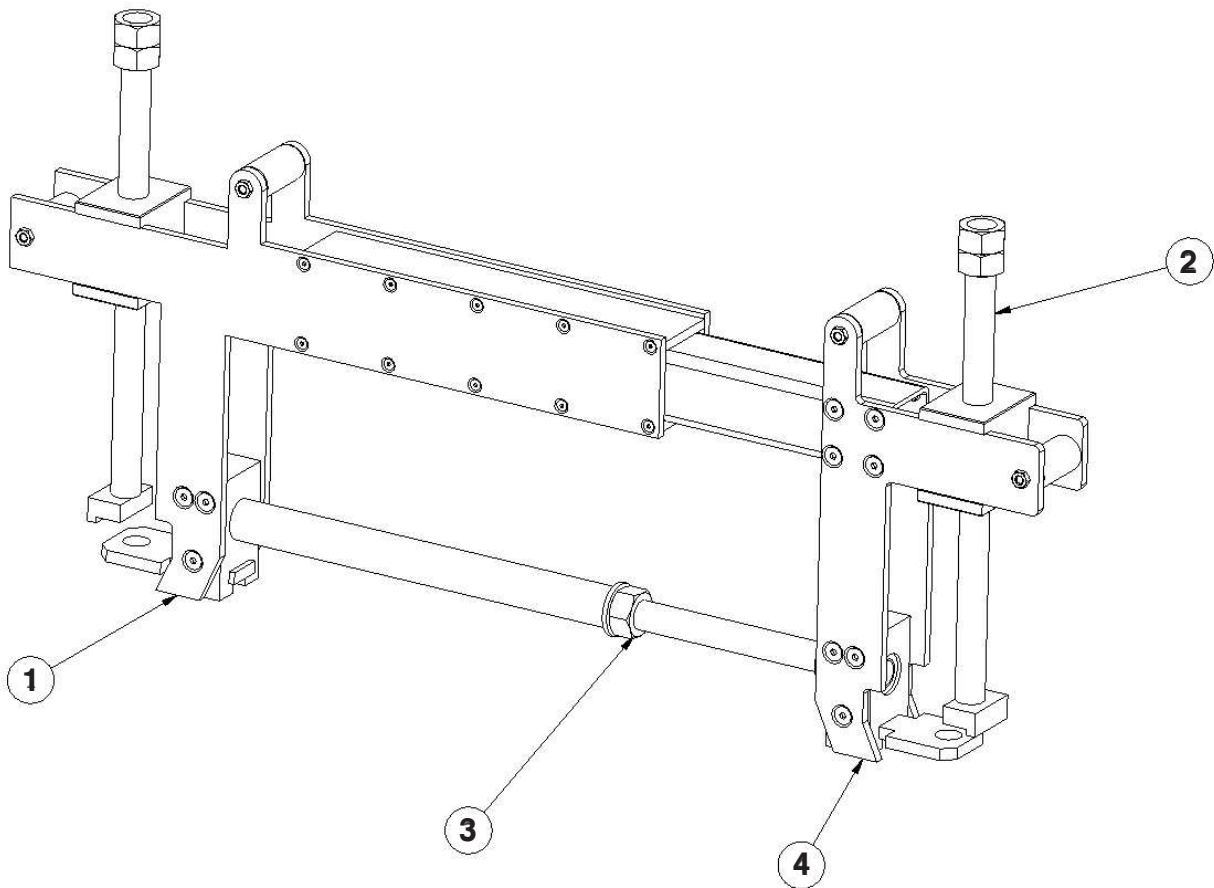
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Parts Breakdown



| ITEM NO. | PRODUCT NO. | DESCRIPTION         | QTY. |
|----------|-------------|---------------------|------|
| 1        | 92250-1     | FIXED CLAW          | 1    |
| 2        | 92250-2     | PUSH SCREW ASSEMBLY | 1    |
| 3        | 92250-3     | REGULATION NUT      | 1    |
| 4        | 92250-4     | MOBILE CLAW         | 1    |