



AIR BLAST BEAD SEATER
OWNER'S MANUAL

MODEL # 31440

AIR BLAST BEAD SEATER

For use on small tubeless tires, size 4 to 12".

CAUTION: Read Manual Completely and Carefully for Safe Operation Before Using This Tool.



#31440
AIR BLAST BEAD SEATER
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IMPORTANT SAFETY PRECAUTIONS FOR
CHANGING TIRES

READ ENTIRE SAFETY PRECAUTIONS AND INSTRUCTION MANUAL BEFORE USING THIS UNIT. IMPROPER USE MAY LEAD TO TIRE DAMAGE.

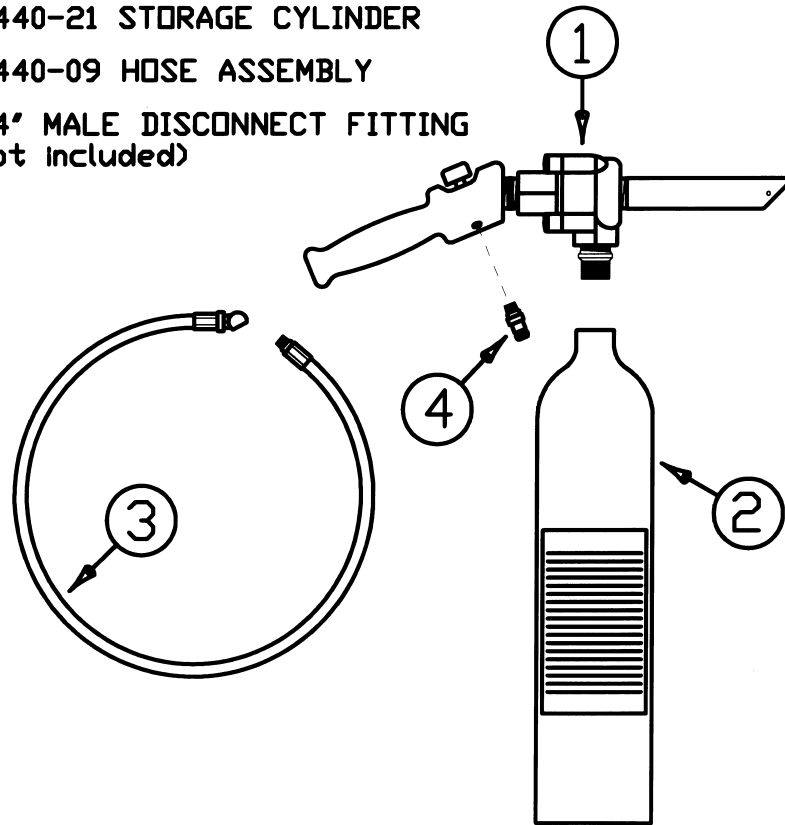
WARNING : If you do not know how to use tire-changing tools -- STOP! Tire changing should only be done by trained persons. Improper tire changing can result in injury or death.

Here are some safety rules to follow before using *THE AIR BLAST BEAD SEATER*:

- 1.) Always wear approved safety eye protection when servicing tires and wheels and whenever using hand tools.
- 2.) Follow all tire and rim manufacturers' instructions when changing and inflating tires. Ensure that tire and rim sizes match. Mismatched components can cause serious injury during inflation.
- 3.) DO NOT use flammable materials to inflate tire.
- 4.) Never use this tool for anything except seating the beads on small tires. Don't use a tool for a purpose for which it was not intended.
- 5.) Always check for damaged or broken parts. Check for other conditions that may affect its operation. Do not use damaged parts.
- 6.) Use only compressed air systems with pressure ratings of 80 to 150 psi.
- 7.) Keep work area clean. Cluttered areas invite injuries.
- 8.) Don't overreach. Keep proper footing and balance at all times.
- 9.) Always use tire bead lubrication when mounting/demounting any tire or during bead seating.

Replacement Parts / Illustration

- ① 31440-20 VALVE ASSEMBLY
- ② 31440-21 STORAGE CYLINDER
- ③ 31440-09 HOSE ASSEMBLY
- ④ 1/4" MALE DISCONNECT FITTING
(not included)



Also available is an instructional video on Ken-Tool's complete Small Tire Changing System, including the Air Blast Bead Seater and other tools. To receive this instructional video, send a check or money order for \$9.95 to:

Ken-Tool Bead Seating Video
768 E. North Street
P.O. Box 9320
Akron, OH 44305
Phone: 330-535-7177

Warranty

Ken-Tool Products are guaranteed for fitness and merchantability. Any tool, where adjustment is asked for, should be returned to the place of purchase provided it has not been abused, modified, or has worn out in normal usage. This Air Blast Bead Seater #31440, is warranted for one year from date of purchase. Sales receipt is required as proof of purchase.

ASSEMBLY INSTRUCTIONS

To assemble, screw the brass valve assembly adapter into the threaded opening of the storage tank. Screw both units together until snug. Next screw in a 1/4" male quick disconnect fitting into the handle of the valve assembly. Make sure the disconnect fitting is the correct size to attach to your air hose equipment. The quick disconnect fitting is not included and can be purchased from your local hardware store.

Air Blast Bead Seating Instructions



After the tire has been mounted onto the rim and the wheel has been placed onto a tire machine, straighten the bottom bead to lay flat on the rim. Remove the valve core.



Lubricate the entire bead area before inflating the tire. (Ken-Tool recommends Bead-Eze.) Lubing the tire with a recommended lubricant helps to seal the bead to the rim flange.



Attach the correct air hose with coupling (80 - 150 psi) to the 1/4" quick disconnect fitting. (The 1/4" male quick disconnect fitting can be purchased from your local hardware store.)



Depress the white button located on top of the bead seater and hold firmly for a few seconds. This allows the cylinder to fill completely. Continue to depress button even after the cylinder is completely filled.



Place the air chuck of the fill hose firmly onto the tire valve. When positioned correctly air should be passing through the valve stem. If air is not passing through the valve stem, reposition the air chuck.



Aim the bead seater nozzle into the opening between the rim and upper bead. For best results, the bead seater nozzle should be pointed into the gap between the rim and the upper bead where the gap is the widest.



TO WORK PROPERLY, THE NOZZLE SHOULD NOT TOUCH THE RIM OR TIRE. DO NOT PLACE NOZZLE BETWEEN THE BEAD AND RIM. KEEP FINGERS AND HANDS AWAY FROM BEAD AND RIM.



Release the white button to expel the blast of air into the tire. Once the bead is seated, the tire will IMMEDIATELY begin to inflate. STOP inflating when tire is seated to rim. Should a second attempt be necessary, remove the chuck from the tire valve stem and depress white button until cylinder is fully pressurized and repeat steps.



CAUTION: NEVER OVER INFLATE! Replace valve core and check pressure again. Continue inflating and checking with an air pressure gauge until correct operating pressure is reached.