

**NEW**

**Ken-Tool**<sup>®</sup>  
WHEREVER TIRES ARE CHANGED™



# 31431 - T131 UTILITY TIRE AIR POWERED BEAD EXPANDER

Seats Beads On Hard-To-Seat Tubeless Utility Tires



## 31431—T131 Tubeless Utility Tire Air Powered Bead Expander

- Expands tubeless tire beads by compressing tread to seat beads
- Fits 10"-22" diameter tires
- Withstands contact with oil, grease, solvents, and acids
- Internal safety relief valve to avoid over inflation
- External pressure release valve for quick deflation
- For use with shop air up to 150-psi
- Weight: 2.0 lbs
- Proudly Made in USA



Ken-Tool also has Expanders to fit most other tubeless bias ply tires. A pliable neoprene rubber tube is encased in a tough, long-lasting nylon cover. Expanders slip easily over the tire and withstand contact with oil, grease, solvents, and acids. Expands beads by compressing tread to seat even stubborn beads. **T132** for belted bias ply tires, includes over-pressure release valve. **T133** for standard bias ply tires.

**NEW**

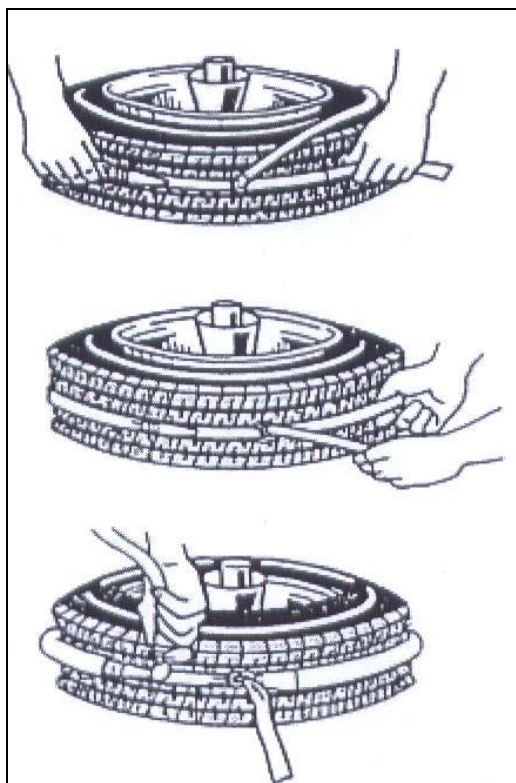
Item No.	Description	Min/Max Tire Dia.	Tube Dia.	Weight
31431	T131 Utility Tire Air Powered Bead Expander	10"-22" (25-60 cm)	2-1/4" (6 cm)	2 lbs ( kg)
31432	T132 Air Powered Bead Expander	24"-34" (61-86 cm)	2-1/4" (6 cm)	2.8 lbs (1.2 kg)
31433	T133 Air Powered Bead Expander	22"-32" (61-81 cm)	3/4" (2 cm)	.75 lbs (.3 kg)



## Bead Expander Instructions

**WARNING:** This product is for tire use only. Maximum air pressure is 50 PSI.  
Do not over inflate device.  
Do not use if red braiding is cut or rubber tube is exposed.

### HOW TO USE



Open up Expander. Position on tire as shown in the picture with the valve positioned away from the tire. Pull the loose end through both rings. Feed end over top and through the bottom ring to allow for tightening. Left hand holds strap taut while right hand centers the Expander around tire. Expander must sit flat (remove any twists) and centered on tire tread for proper use.

Once the Expander is centered on the tire, pull the end until Expander is snug (as shown in the picture.) Do not inflate product if both ends are not secured. **CAUTION:** If not properly seated on tire, Expander rolls off the tire with some force.

Inflate Expander with short bursts of air, **Expander inflates quickly.** This will force the tire beads against the rim to seal (note compression of tread in picture.) Inflate tire until beads are seated on rim. **WARNING:** Do not fully inflate tire with bead Expander in position. Release air from Expander by turning valve. Remove Expander and complete tire inflation.

### **WARNING:**

If you do not know how to use tire-changing tools – **STOP!** Tire changing should only be performed by trained persons. If expander is improperly used, injury or death could result.

Here are some safety rules: For complete tire servicing procedures, read the tire and rim manufacturer service manuals.

### **USING TIRE TOOLS:**

- Always wear eye protection when using bead breaking tools, hammers, and tire irons.**
- Always use soft-faced hammers when driving tire irons.**
- Never use one hammer to strike another hammer.**
- Never use a hammer with a loose or cracked handle.**
- Never use a dented, cracked, chipped, mushroomed or deformed tool.**
- Never use a tire tool for anything except mounting or demounting tires.**