



Snap-on's Extra Man *in Action*

EXTRAMAN



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Pneumatic Bead Assist (PBA) device lets a single operator safely and effectively meet the challenges of changing low profile tires, run flats and other performance tires with extremely stiff sidewalls. The PBA actually consists of a power pneumatic cylinder that drives three separate mechanisms: top bead roller, bead depressor and bottom bead roller. Here's how PBA works:

1. TOP ROLLER SEATS UPPER BEAD

The top bead roller provides easily controlled pneumatic power to drive upper beads down into the wheel drop center (while tire is turning) for easy lubrication prior to dismounting. Also provides pneumatic power assistance for safely remounting second bead on extremely low profile and Run Flat design tires.



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2. ARM HOLDS BEAD IN DROP CENTER

The bead depressor provides easily controlled pneumatic power to depress the tires sidewall during the remount cycle. This prevents premature bead seating before the entire bead has been reinstalled on the wheel. Provides an added level of safety by keeping the technician's hands away from the bead area during this potential pinch point procedure. Additionally the Bead Depressor "follows" the tire around while turning to guarantee successful remount first time everytime. Extremely useful on RunFlat design tires. Eliminates the need for clip-on clamps or rope tail wedges.



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3. LOWER ROLLER RAISES BOTTOM BEAD

Bottom bead roller provides easily controlled pneumatic power to unseat stubborn lower beads which may have accidentally reseated after the original bead breaking procedure. Also allows a technician to raise and hold wider tires up, to assist in safely and easily securing the second bead up onto the mount/demount head.

Snap-on.

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Introducing the Snap-on



EXTRAMAN

Tilt-Back Post Tire Changer

Today's modern wheels often require more than one hand to successfully mount and de-mount tires without damage. **EEWH311A** with its **Pneumatic Bead Assist (PBA)** provides that "extra man". Designed for those racing tire and wheel packages seen today on everything from SUVs to those high revving "tuners" Snap-on's "Racing" Tire Changer with its tilt-back post feature also gives customers **speed, security and repeatability** when servicing these high dollar low-profile tires and wheels.



HIGH PERFORMANCE FEATURES AND FUNCTIONS

A UNIQUE CLAMPING JAWS ALLOW 24" RIM CAPABILITY AS STANDARD

Self-centering Four-jaw Chuck with two clamping cylinders provides clamping capability from the outside up to 24" through unique sliding jaws. Maximum rim width 14". Snap-on's is a standard, not optional, feature, unlike competitors.

- Twin cylinders for strong even clamping -- holds wheels tightly
- no wheel slippage.
- Smooth, even clamping protects expensive rims from damage
- Plastic-coated inner jaws and tire lever for further protection of light alloy rims
- Pedal-operated inflation jets are integrated into the turntable clamps, insuring maximum efficiency in inflating any tire, regardless of rim diameter.
- Hands-free inflation is a plus in busy, high-volume tire stores

B "SMART OPERATION" MOUNTING HEAD PROTECTS RIMS

"Smart Operation" Mounting Head keeps the mount/de-mount head from contact with expensive rims.

- Mounting head automatically adjusts to the correct, "spaced apart" rim position
- Automatic operation means less chance for operator error, less chance for damage.
- "Scratch-resistant" protector sleeve with replaceable plastic insert is built into the mounting head nose to prevent top side damage to clear-coated and painted rims.
- Optional quick-change replacement head allows for 10-second change from formed steel head to 100% plastic head.

C "TILT BACK" POST SPEEDS SETUP, TURNAROUND TIME

Pneumatic "Tilt-Back" Post moves conveniently out of the way when installing or removing tires onto the turntable—especially useful for performance, "racing style" wheels, aiding quick setup and fast turnaround.

- Vertical post with off-center hexagonal bar is designed expressly to deal with difficult 14" wheel widths
- Low-slung cabinet and turntable designed specifically to handle wide tires easily
- Three pedals control post tilt, jaw movement and turntable position for speedy mounting-demounting

D PNEUMATIC BEAD ASSIST PROVIDES THAT "EXTRA MAN"

Pneumatic Bead Assist (PBA) device lets your operator safely and effectively employ pneumatic power instead of muscle power to meet the challenges of changing low profile tires, run flats and other performance tires with extremely stiff sidewalls. No second operator or tire lever is needed with PBA.

- Depresses the tire's sidewall during the remount cycle—prevents premature bead seating
- Guarantees successful remount, first time, every time—extremely useful on run flat designs
 - Pneumatically-operated bead pressing roller ensures that the bead always stays underneath the mounting head nose
 - Bead depressor clamp simply and safely holds high performance and run flat beads into the drop center during mounting. Eliminates the need for clip-on clamps or rope tail wedges
 - Toggle switch allows single-finger operation of all pneumatic PBA functions

E THE BIGGEST, TOUGHEST BEAD BREAKER

Three-position Side Bead Breaker allows for effective bead breaking of virtually every rim, and is specially designed for the low profile, large diameter tires—the most popular tires in the aftermarket and on many new OEM vehicles

- Oversize bead-breaking blade is specially shaped for extreme low-section tires
- Adjustable in 3 positions to ensure optimum distance between blade and pad, regardless of wheel width
- Robust, anti-skid contact pad for positive engagement
- Ergonomically positioned bead breaker pedal and arm for less fatigue, easier operation
- Powerful dual-action cylinder ensures smooth, effective operation

F STANDARD "ON TIRE CHANGER" STORAGE

Large storage compartments for tire valves, and tools are ergonomically located at working height to save time and motion.

- Integrated tire inflation gauge mounted in full view on the cabinet
- Compartment for mounting head exchange unit and tools
- Water separator and automatic air oiler mounted in rear protect and lubricate all internal parts simultaneously.

