

## BEAD BREAKER

Max. Pressure: 10,000 PSI (700 BAR)

Unit Weight: 27 LBS. (12.2 Kg)

**Definition:** To break loose the bead or inner portion of a tire from its rim or counterpart.

**Follow the tire manufacturer's instructions and the vehicle manufacturer's instructions to deflate, demount, mount, and inflate tires. The following general procedure does not apply to any specific rim, therefore, contact the manufacturer for the correct procedure.**

- Carefully inspect the unit upon arrival. The carrier, not the manufacturer, is responsible for any damage resulting from shipment.
- These instructions should be read and carefully followed. Most problems with new equipment are caused by improper operation or installation.

## SAFETY EXPLANATIONS

Two safety symbols are used to identify any action or lack of action that can cause personal injury. Your reading and understanding of these safety symbols is very important.



**DANGER** - Danger is used only when your action or lack of action will cause serious human injury or death.



**WARNING** - Warning is used to describe any action or lack of action where a serious injury can occur.

**IMPORTANT** - Important is used when action or lack of action can cause equipment failure, either immediate or over a long period of time.

## SAFETY PRECAUTIONS



### **DANGER:**

- Stand to one side when applying hydraulic pressure. The Bead Breaker creates an extremely high force; if the Bead Breaker slips off the flange, it could cause serious injury or death.
- Do not remove a wheel or a rim component (such as rim clamps or nuts) without first removing the valve core and letting the tire(s) deflate. Insert a thin piece of wire through each valve stem to be sure the passage is not blocked.
- Do not use the pry bar slots for any additional pushes. The additional tool placement should be on the original bead seat lip or on the back section.

## SAFETY PRECATIONS (Continued)



**WARNING:** It is the operator's responsibility to read and understand the following safety statements,

- Only qualified operators should install, operate, adjust, maintain, clean, repair, or transport this tool.
- Do NOT use the Bead Breaker without reading and understanding the following safety precautions and operating instructions.
- Wear safety glasses at all times.
- Only trained professional technicians who are familiar with this type of equipment and its correct usage should use the Bead Breaker.

### IMPORTANT:

- Keep hydraulic coupler and adapter free of any dirt or water.
- Use only Power Team hydraulic fluid. Never use brake fluid or transmission oil.

## OPERATING INSTRUCTIONS

1. Follow the manufacturer's instructions to deflate the tire.
2. Connect the hydraulic pump to the tool.
3. Find the pry bar slot on the rim. Place the Bead Breaker's hook into this slot. Adjust the screw on the Bead Breaker so the tool will be perpendicular to the wheel while applying force. See Figure 1.
4. Holding the Bead Breaker in position (but still standing to one side of the Bead Breaker and flange), start the pump and depress the flange about 3/4".
5. Remove hands from the tool and stand to one side before proceeding.
6. Continue pumping until the tool pushes the bead free of the rim.  
**NOTE: If, at any time, this operation appears to be unstable or the tool isn't aligned perpendicular to the rim, release the tool and adjust the screw again. See Figure 2.**
7. Release the pressure and move the tool to different locations and repeat the above steps until the bead is completely free of the rim.
8. Remove rim components, as specified, by the rim manufacturer.
9. Unseat the back bead using the same procedure and remove rim components, as specified, by the rim manufacturer.

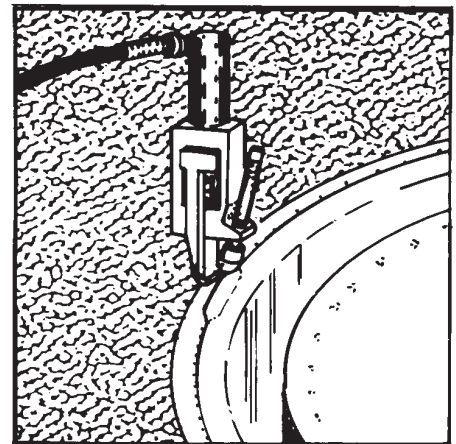


FIGURE 1

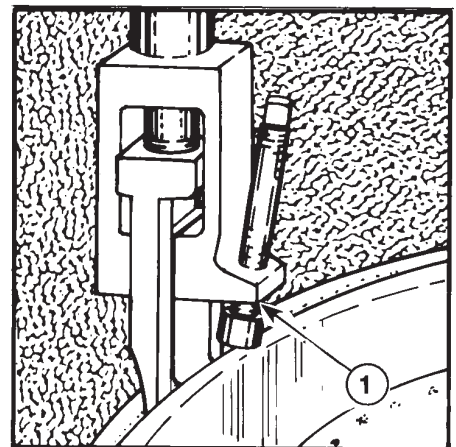


FIGURE 2