



RIM HEIGHT ADJUSTERS

ZipCrank™ Four Corner Mount Design

Designed to be installed between the backboard and the backboard support structure, these height adjusters provide superior backboard rigidity when compared to most center mount rim height adjuster devices. Available in either manual or electric 110 volt models. Manual crank models can also be operated with optional BA931 Cordless Winder. Electric models can be operated with the BA980EW Portable Electric Wand or with any of the gym control options found on page 9.

The up and down movement is held rigid by means of two, 1" diameter polished plated steel rods on each side of the height adjuster. All moving parts have grease fittings for smooth operation. Other features include easy-to-read height indicator labels, powder coated gray finish and five-year limited warranty. **NOTE: Adding a ZipCrank height adjuster to existing structures will move the face of the backboard 4¼" closer to the free throw line or more if your structure requires the addition of Center Strut Adapters shown below.**



Manual ZipCrank

BA980RS	Manual adjuster fits structures with board mounting patterns common for 42" x 72" corner mounted backboards (approx. 36" x 62").
BA980RSE	Electric adjuster fits structures with board mounting patterns common for 42" x 72" corner mounted backboards (approx. 36" x 62").
BA980RT	Manual adjuster fits structures with board mounting patterns common for 48" x 72" corner mounted backboards (approx. 42" x 62").
BA980RTE	Electric adjuster fits structures with board mounting patterns common for 48" x 72" corner mounted backboards (approx. 42" x 62").
BA980F	Manual adjuster fits structures with board mounting patterns common for fan shaped backboards and some other backboards with 20" x 35" backboard mounting patterns.

BA980RS for 42" Short Rectangular Backboards

In most cases if your backboard is 42" tall and 72" wide and mounted to the structure in the four upper and lower corners of the backboard, this model will typically bolt directly to backboard and structure without any field drilling. Typical backboard mounting pattern on 42" x 72" glass, steel, wood or fiberglass backboards is 36" top to bottom and approximately 62" (slotted or 2-hole pattern) left to right. Be aware that some 42" x 72" backboards have other hole patterns, most notably, the 20" top to bottom and 35" left to right that is also common on fan shaped backboards. If your backboard is not mounted to the structure in the four corners, see **IPB6410/IPB6415** adapters.

BA980RT for 48" Tall Rectangular Backboards

Same basic design as BA980RS above but designed to mount directly to most 48" high and 72" wide backboards that mount to the structure in the backboard corners. Typical mounting pattern is 42" top to bottom and 62" left to right. Be aware that some 48" x 72" backboards have a different mounting pattern. If your backboard is not mounted to the structure in the corners, see **IPB6410/IPB6415** adapters below.

BA980F for Fan Shaped and Fan Conversion Backboards

Use this height adjuster for all fan shaped backboards and any rectangular backboards that have a typical fan hole mounting pattern that is 20" top to bottom and 35" left to right (slotted or 2-hole pattern).

IPB6410/IPB6415 Center Strut Adapters

These adapter brackets are required when mounting a ZipCrank Manual Height Adjuster to a ceiling mounted structure that currently mounts the backboard directly to the 6" or 6 5/8" diameter single center drop tube and not to the corners of the backboard. Specify whether your drop tube is 6" diameter (18.9" circumference) or 6 5/8" diameter (20.8" circumference) and the left to right mounting pattern on the backboard you wish to install. These adapters are sold in pairs and position the face of the backboard approximately 9 1/2" from the forward most surface of the 6" or 6 5/8" drop pipe. Call for help selecting the right adapters.



Operation Options

Rim Height Adjusters Operation Options

Manual rim height adjusters can be operated with provided hand crank or optional **BA931** Cordless Winch Winder. Electric height adjusters



Manual Operation

can be operated with **BA980EW** Portable Electric Wand (order separately), **BA975KS** Electric Key Switch or any of the control systems found on page 9.



BA931 Cordless Winch Winder Kit

Raise and lower manual height adjusters with this 14.4 volt, high torque drill with drive shaft (included).



BA980EW Portable Electric Height Adjuster Wand

Operate Bison electric height adjusters effortlessly with this 110 volt wand. One wand with customer supplied extension cord will operate all ZipCrank or center strut height adjusters in a complete gym. Keyed switch avoids unwanted use.



BA975KS

BA975KS Electric Key Switch

Traditional key operated switch with cover. Up-Down labeled cover plates. Also available in 1, 2, 3, 4 and 6 gang box options. Call for details.



BA980EW