



## ***Maintenance and Safety Directive***

**Reference:** Proper air pressure for Auto-Belays

**Introduction:**

We have made changes to the Auto-Belay technology over the years which requires a change in air pressure to operate safely. This will aid State Inspectors and wall customers who have updated their Auto-Belay systems or have misplaced their owner's manual.

**Background:**

It is important to first look for any pressure sticker that might be attached to the air/oil accumulator that would state the proper air pressure. This directive is for walls manufactured by Spectrum Sports Int'l, Spectrum Sports Inc., Action Amusement and Rebound Action Sports.

**Action:**

1. The proper pressure for climbing walls manufactured between 4/1998 and 4/1999 by Rebound Action Sports is 60-70 psi.
2. The proper pressure for climbing walls manufactured between 4/1999 and 3/2000 by Rebound Action Sports is 60-70 psi.
3. The proper pressure for climbing walls manufactured between 3/2000 and 11/2000 by Rebound Action Sports for a 24' wall is 75-85psi and for 32' walls 85-95psi.
4. The proper pressure for both 24' and 32' climbing walls manufacture from 11/00 till present is 85-95psi for both.

**Note:**

It is okay to have a higher pressure than stated above to overcome any stiction that may result from wear. The air pressure is what controls the amount of up tension on the wire rope. The air pressure must be able to "take up" the wire rope during the entire climb of the wall. If you have questions about proper air pressure of a particular wall please contact us for assistance.

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