



Revision E2 July 2011

Fluid Motion's Evolution (E) Series of Binding



2011 Master's Champion and World Championship Finalist Jon Travers

Make the ski do what you want it to do! With several major tournament podium finishes including Pro-Tour & Master's victories, Fluid Motion's Evolution Series is a proven performer. Fluid Motion's engineering team started with premium hardshell technology and distilled it into the most basic elements: a high-quality TPU external shell, Intuition liner, a new closure system and industry standard mounting plates. The result is the world's lightest binding system capable of delivering the highest performances. The Evolution (E) Series package is designed for the advanced skier that seeks top performance, comfort, simplicity, lightweight, easy installation and release safety.



Fluid Motion's E uses an innovative **breakaway cuff system** coupled with robust elastic lacing for front foot fitment. The lacing is adjusted by exclusive cord lock hardware to give the skier convenience; superior fit and an excellent feel for the ski.

Whether you chose our respected Quattro Double Six, Revo single boot or ride the Evolution Series, Fluid Motion continues to deliver the most innovative, diverse and interesting water ski binding line-up in the industry.

How to Use the E Series Boot

We highly suggest following the procedure for moulding of the liner, if it has not been done so already. With all our bindings, there is a break-in and acclimatization period of several weeks (daily use) before full mobility and optimum fit is achieved. This is because the materials used in the binding establish flex patterns and compress or expand as required to accommodate the user's foot and ankle. So expect an adjustment period during this time.

Cramping may also occur with new boots. Try to use less lace pressure while the boots break-in. Cramping should subside in a few weeks of use.

Many skiers put the liner on before entering the boot shell. Liner cinch straps will help in doing this and are available from FM. Alternatively, a small amount of silicone-based dry/wet suit lubricant such as Aqua-Seal %Seal Saver+ or seal lubricant is suggested for use inside the liner. This will aid in entry when the binding is wet. Seal saver will stay with the liner for multiple uses as well, as opposed to soap-based products.

Breakaway Cuff

The E-Boot cuff is machined with a breakaway mechanical path that allows the cuff and foot to come out of the boot in the event of a hard upward pull. Retention force is controlled by how snugly the ankle thumbscrews are tightened.



To install the cuff, loosen both ankle thumbscrews. Snap the cuff into place with the washers and retaining brackets visible on the outside of the cuff. Tighten down the thumbscrews to seat the cuff pivot point. Take care to ensure that the cuff is fully seated and the thumbscrews are fully tightened by hand. The cuff should feel secure and not loose.

To reduce retention pressure and make for an easier release, back off the thumbscrews by $\frac{1}{2}$ turn segments, as required. The more the ankle thumbscrews, and lower cord lacing is loosened, the easier the release action will be.

Backing off 1 to 2 turns from fully tight will be adequate for most skiers. but be sure to test the binding release on dry land before hitting the water. Another way to test release tension is stand on the ski, and using ski gloves grasp the cuff and give a hard upward pull. If you are able to pull the cuff from the shell with a reasonable force with your arms, the release is in your range for your lower legs.

The thumbscrews can move slightly during use, so check their tightness/adjustment before and after every usage. The E boot cannot ~~pre-release~~ as the lower shell alone provides equivalent support of a rubber boot.

PRO-BILD Duo Cuff

For enhanced support and precise adjustment, a PRO-BILD option is available for the front boot cuff. The PRO-BILD cuff uses twin inside ankle shims that lock into the lower cuff to further stabilize the ankle. A DUO buckle system allows the skier to adjust mid and top ankle pressure independently for the ultimate fit. PRO-BILD is recommended for anyone who desires increased ankle stabilization without compromising release action.

Pro SS Cuff Washers

The white nylon washers provide the smoothest release and least wear on components however; stainless steel cuff washers may be used in place of the plastic washers for higher cuff retention.

Installation

Install the E-series as you would a conventional binding.




Maintenance – Tips

The E-Series is manufactured with the finest materials. Parts are serviceable and replaceable. Keeping spare thumbscrews, washers and cord/cord locks are suggested. Keep this with your ski at all times.

If you are a competition skier or rely on your ski and binding system, it makes sense to keep a complete back-up of both left and right bindings in the event of loss or damage.

Foot beds may be used so long as they do not impede release . this must be tested by the user.

 **Note: Plastic can harden due to age, sun, salt water and/or heat exposure. To ensure accurate release function we suggest the E-boot CUFFS be replaced every 2 or 3 seasons.**

Warranty

The E series is a new binding system designed for top slalom performance and custom built to your specifications. The following items are warranted for 90 days: All parts, with the exception of buckles, cord and cord locks. See our website for returns or warranty information.

The E Series binding system is designed to be fault tolerant, but there is no substitute for safe skiing. Shutdown your run if you are late, narrow or encounter excessive slack line. Do not impact fixed objects such as turn balls, or gate balls. Consult a professional regarding ski tuning. A properly tuned ski is also a safe ski, and crashes are very infrequent.

In no event shall Fluid Motion Sports/Jagersport.com be liable for incidental or consequential damages, shipping or remounting costs. Shipment charges are the responsibility of the customer.

Revision Date July 2004

RELEASE OF LIABILITY, WAIVER OF CLAIMS, AND INDEMNITY AGREEMENT

READ CAREFULLY:

BY SIGNING THIS AGREEMENT, YOU WILL WAIVE CERTAIN LEGAL RIGHTS, INCLUDING
THE RIGHT TO SUE

To: Fluid Motions Sports and Jager Engineering Inc.

In consideration of the use of the System, I hereby agree as follows:

To waive any and all claims that I have or may in the future against FluidMotion Sports and Jager Engineering Inc. and all representatives, employees, directors or agents thereof (collectively the "Releasees") and to release the Releasees from any liability or loss, damages, injuries or expenses that I may suffer or that my next of kin may suffer as a result of or arising out of any aspect of my use of the System DUE TO ANY CAUSE WHATSOEVER INCLUDING NEGLIGENCE, BREACH OF CONTRACT OR WARRANTY ON THE PART OF THE RELEASEES with respect to the design, manufacture, selection, installation, maintenance or adjustment of the System or with respect to the provision of or the failure to provide any warnings, directions, instructions, or guidance as to use of the System.

TO HOLD HARMLESS AND INDEMNIFY THE RELEASEES from any loss, damage, injury or expense to any third party resulting from the use of the System.

This Agreement shall be binding upon my heirs, next of kin, executors, administrators, assigns and representatives, in the event of my death or incapacity.

This Agreement shall be governed by and interpreted in accordance with the laws of the Province of British Columbia, Canada. All proceedings involving parts to this Agreement shall be brought within the Province of British Columbia, Canada.

I HAVE READ AND UNDERSTAND THIS AGREEMENT AND AGREE THAT BY SIGNING THIS AGREEMENT I AM WAIVING CERTAIN LEGAL RIGHTS WHICH I OR MY HEIRS, NEXT OF KIN, EXECUTORS, ADMINISTRATORS, ASSIGNS AND REPRESENTATIVES MAY HAVE AGAINST THE RELEASEES.

Signed this _____ day of _____, 2_____.

Name (Print) _____

Signature _____

Witness Name _____

Please FAX a signed copy of this release to (250) 724-1407