

## ALTAI SKIS X-TRACE UNIVERSAL BINDING USERS MANUAL

Congratulations!

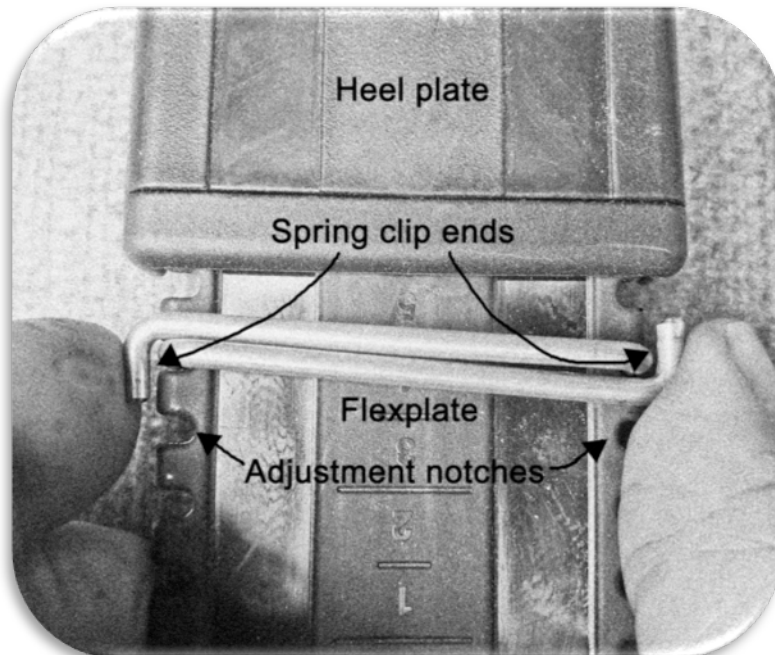
You have chosen the Altai Skis X-Trace universal binding. This unique binding makes it possible for you to ski or skishoe without a dedicated boot/binding system. You can use all sorts of winter boots in the binding as long as they have a flexible sole. If you wear warm winter boots, hiking boots, or even "Sorel" style winter boots just clip into the binding and you are ready to head out for a tour. Read the instructions carefully in this manual! It will help you make the most of this all-purpose binding.

### ATTACHING THE BINDINGS

If the bindings are not on your Hoks, simply place them over the corresponding insert holes and screw in the 3 screws on each binding using a #3 Phillips head (not a Posidriv head) screwdriver. The hole pattern is the 75mm nordic/tele norm. We recommend mounting the screws by hand so as not to accidentally over tighten them using a power driver. Looking at the side profile of the ski and binding, make sure the binding toe plates are snug against the skis. Do not over tighten! Snug is good! If you notice screws loosening during use you can add Loctite Blue (#242) to the threads, but this is generally not a problem. You are ready to go!

### ADJUSTING THE BINDINGS

You can adjust the length of the binding for different shoe sizes by sliding the heel plate forward or back on the flexplate. To do this squeeze the two ends of the locking spring clip together. This will free the clips from the adjustment



notches on the side of the flexplate and allow the heel plate to slide forward or back. The numbers on the flexplate are for reference between the right and left bindings and don't correspond to shoe sizing. The fit is right if the shoe fits between the toe stop and heel stop without engaging the springs in the heel plate. Preloading the springs shortens the spring travel (not good) and

may result in breaking the flexplate.

The ankle and toe strap has a lot of adjustment available in the standard setting. If needed you can lengthen either the toe strap or the heel strap by unscrewing the retaining screw and moving the T-nut forward or back to another hole (we suggest you do this before going out in the snow :-).

### **CARE AND MAINTANENCE**

Check regularly to make sure that the screws and T-nuts are not loose. If you find these are loosening use Loctite Blue (#242) on the threads of the screws. If you ski/skishoe in spring conditions and dirty snow (after powder, our favorite conditions!), regularly check the springs in the heel plates to make sure they are flexing properly. If dirt or sand has gotten inside the heel plate you can slide the heel plate back and off the flexplate by engaging the spring clip ends and sliding it towards the rear of the ski (back). Shake out the dirt/sand and replace. You can grease the springs with silicone spray if needed.

### **LIMITATIONS OF USAGE**

The Altai Skis X-Trace binding is well designed and we have extensively tested it with some hard use. This being said, we have found over the years that nothing is indestructible. If used improperly or with boots the binding was not designed for, breakage could occur. Here are a few cautions about using this binding.

- Do not use this binding with stiff soled boots. This includes (but is not limited to) mountaineering boots, downhill ski boots, and stiff soled telemark boots (for the latter we recommend our 3-pin binding or a 3-pin cable setup).
- This binding is not designed for lift area (downhill) skiing.
- Do not use this binding with a boot sole length over 14 inches (35cm).
- Do not use the bindings in conditions colder the -22°F (-30°C).
- This is not designed to be a releasable binding! Use it accordingly.

### **LIMITED WARRANTY**

We will warranty the bindings for one year from the purchase date and only to the original retail buyer. We do not warranty against normal wear and tear, unauthorized modifications, or if the product is used outside of its designed purpose. If you discover a defect, contact the place of purchase or Altai Skis. If the binding is found to be under warranty the binding will be replaced or repaired at our own discretion. We reserve the right to require proof of purchase for all warranty claims.