

## Installation Instructions:

Please carefully read through these instructions before you get started. All steps are REQUIRED for a proper installation.

### Required installation tools:

- 1/4" drillbit
- 1/4" drillbit stop collar
- 5/16-18 bottom tap
- Phillips screwdriver
- 24 hour, slow cure epoxy
- thread-locking fluid

1. Locate the holes to be drilled on your ski according to the binding manufacturer's instructions. If this is a re-mount for an existing binding, simply remove the binding and re-drill the existing holes.

2. Set the drill bit stop collar to the height of the insert, about 9mm, and drill each binding screw hole to that depth.

3. Tap each hole with the 5/16-18 tap.

*Tip: Place a piece of tape on the tap to mark when to stop tapping.*

*Tip: If you have a drill press, then place the tap in your chuck and turn it with one hand while controlling the tap depth with the other- this will ensure it follows the same perpendicular path as the drill*

*Tip: No drill press, don't sweat it. Just watch the angle between your tap and ski from two sides, checking back and forth between the two, to make sure the tap is going in square.*

4. Coat the entire surface of the hole with epoxy using an applicator (a tooth-pick works well).

*Tip: We recommend Hardman double/bubble general-purpose epoxy. It is the slower cure, which is nice when you are taking your time, and works great. It also comes in convenient one-use packages.*

5. Thread an insert onto your Insert Installation Tool (long M5 fastener and two nuts) and screw it into a tapped, epoxied hole. If necessary, the two nuts may be used to lock the fastener against the insert when you screw it into the ski. Then, by loosening the nuts from the insert with a 5/16" crescent wrench, the

fastener can be removed easily leaving the insert in the ski. The insert should be flush with, or a little below, the ski's topsheet.

*Tip: Degrease the inserts before you get started, they will still be a little oily from the machining process and the epoxy will work best if they are clean.*

*Tip: Keep a supply of acetone (nail polish remover) handy to keep your insert tool clean of epoxy between each insert installation.*

*Tip: Some epoxy should squeeze out when you secure the insert. This is good as it helps create the watertight seal between your ski's top-sheet and insert. If gobs are coming out, go a little easier on the epoxy for the next hole. You can immediately clean any excess epoxy off with acetone.*

6. Install your binding with the appropriate M5 fasteners.

*Tip: If, by any chance, your insert install job wasn't perfect you still have the opportunity improve it. Since you are using the 24-hour cure epoxy, it takes a while to set. If you install your bindings securely when the epoxy is still soft, you can coerce the inserts to set into the best possible position to accept your bindings while the epoxy fully hardens.*

7. Install your bindings, again.

*Tip: At least 24 hours after step 6, remove your bindings and wonder at how awesome that was. When you reinstall your bindings use a bit of thread-locking liquid. We recommend Vibra-tite VC-3. Please note traditional Loctite 242 (the blue stuff) may be harmful to the plastics of your binders and therefore not recommended for use.*



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