



# HARDWIRE 3-PIN TELEMARK BINDINGS

## Hardwire 3-Pin Binding Instructions



### PARTS LIST

|    |                                     |
|----|-------------------------------------|
| 2  | Toe-pieces                          |
| 2  | Complete Hardwire                   |
| 2  | 20mm V-120                          |
| 2  | Dual LP Climbing Heels              |
| 2  | Dual LP 2mm Spacers                 |
| 2  | 100mm Climbing Wires                |
| 2  | 65mm Climbing Wires                 |
| 18 | 3/4" (19mm) Screws                  |
| 4  | Flat Washers<br>for heel pad screws |
| 2  | Dual LP Slot Pugs                   |
| 1  | Paper Mounting Template             |

### Hardwire Hook Installation:

The Hardwire Heel assembly is pre-installed on your Hardwire 3-Pin binding. The following information is provided if you remove and re-install the Hardwire Heel assembly.

**Important! When installing the Hardwire heel assembly, the hooks must be installed from the top. If installed from the bottom, the assembly may fall off during transport. (SEE FIGURE 1)**

If you need to re-install the Hardwire Heel Assembly to the Hardwire 3-Pin toe-piece you must install before mounting the toe-piece to the ski. To ensure absolute security of the heel assembly the hooks must be installed from the top. The hooks cannot be removed unless you completely unthread the cartridges from the hook rod.

### Sizing:

Correct adjustment of the heel lever will provide an audible snap when the lever is engaged. With most boots, when the lever is not engaged it should rest roughly 1/4"/6mm back from the boot heel. To adjust the length of the heel assembly, simply spin the cartridges evenly clockwise to tighten and counterclockwise to loosen. When the rods are at their maximum length the threads will appear. **Threads should never be exposed!** (SEE RIGHT) At their minimum length the rod will bottom out on the back of the spring cartridge and begin pushing out the silver colored spring rod. At this point you cannot make the heel assembly length any shorter.

### Checking the forward pressure:

After you initially fit your boots, it is necessary to check the forward pressure of the heel piece. Release the heel lever from the boot. Note a scribed mark at the edge of the plastic collar on the spring cartridge. (SEE FIGURE 2) Now engage the heel lever and check the distance from the mark to the black collar. The distance should be at least 1/8" or 4mm and no more than 1/4" or 6mm to ensure optimal flex and heel retention. (SEE FIGURE 3) The forward pressure may need to be readjusted after your initial ski runs.

| HARDWIRE | MONDO PT SIZE | *SOLE LENGTH  |
|----------|---------------|---------------|
| SHORT    | 24 - 26.5     | 273mm - 322mm |
| STANDARD | 27 - 31       | 305mm - 350mm |

Boot sizes are for general guideline. Actual sizes may vary with each boot manufacturer.

**Voilé recommends an authorized dealer for all binding mounts. Mounting instructions are written for shop technicians that have technical expertise in mounting telemark bindings.**

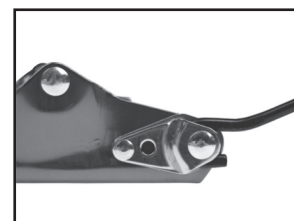
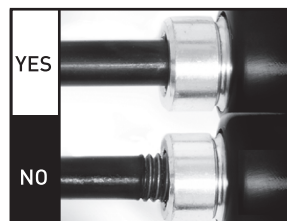


Figure 1

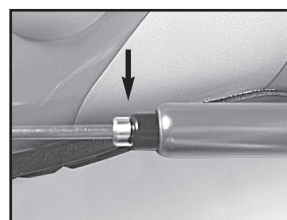


Figure 2

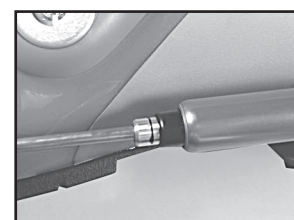


Figure 3



# HARDWIRE 3-PIN TELEMARK BINDING

## Riser and Toe-Piece Mounting

Consult the ski manufacturer for all mounting locations on skis.

Use the Voilé Hardwire Mounting Jig or the enclosed paper template and follow the instruction on the back of the paper template. Make sure the 3-Pin line is intersecting the diamond shape on the jig or template. Check your drill bit depth before drilling especially for narrow profile skis. Always follow manufacturers suggested guidelines.

Check the screw length to prevent “dimpling” the base, grind down the tips of the screw if necessary. Mount the shim directly on the ski using wood glue or epoxy in each screw hole, following the ski manufacturers suggested guidelines. Press in riser plugs. Mount the toe-piece on the shim using the 3-hole pattern. Glue is not necessary and epoxy will compromise the integrity of the plastic.

## Dual LP Heel Pad Mounting:

Making sure to use the longest wire in the front position, first, install the two climbing wires to the Dual LP in the down position. Next, position the 2mm spacer under the Dual LP heel pad.

Follow the instructions on the back of the paper template for proper heel pad mounting. Mount the heel pad so the round contour on the back of the heel piece is inset about a 1/8” (3mm) from the edge of the boot heel. (SEE FIGURE 4) Take care to position the heel pad correctly to ensure the climbing wires will be centered under the boot heel and allow the heel lever assembly to be locked down for transport. (SEE FIGURE 5)

Make sure to use included washers with screws when mounting. Slide washer over screw and mount Dual LP to the ski. The unique slot design allows for small, fore/aft adjustments of the heel pad. Make necessary adjustments before the glue/epoxy is allowed to set. (SEE FIGURE 6)

**The Voilé Hardwire 3-Pin is warrantied by the manufacturer against any defects in materials or workmanship for a period of one year. Warranty service and replacement parts are available directly from Voilé.**

### Tech Tips:

- 1) To prevent thread corrosion on the Hardwire Rods and maintain easy adjustment Voilé recommends greasing the threads at the end of each season. For best results use an anti-seize grease.
- 2) To maximize uphill touring efficiency, lock the heel lever to the heel pad and walk uphill on the 3-Pin toe with much less effort. This benefit can be utilized on all Hardwire brand telemark bindings for transporting your skis.
- 3) Always check to make certain that the Hardwire heel assembly is centered on the ski to maintain even pre-load on the spring cartridges. If the spring cartridges come out of adjustment, simply rotate to bring back to center to maintain adequate load and maximum performance. (SEE FIGURE 7)

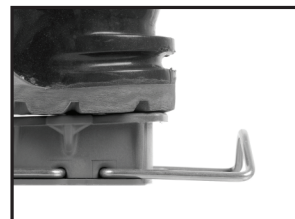


Figure 4

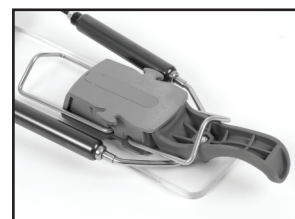


Figure 5

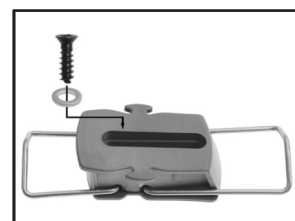


Figure 6

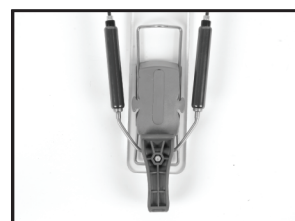


Figure 7

## WARNING:

**THE VOILE HARDWIRE 3-PIN  
IS NOT A SAFETY BINDING AND  
HAS NO RELEASE MECHANISM.**

Backcountry/Telemark skiing is an inherently dangerous sport in which there is always the possibility of bodily injury and death. VOILE HARDWIRE 3-PIN is not a safety binding and therefore does not decrease the inherent risk of injury associated with the sport of backcountry skiing. The user of this product is solely responsible for learning proper skiing techniques, avalanche awareness, and exercising good judgment.

The manufacturer, distributor, wholesaler, and retailer hereby expressly disclaim any liability for personal injuries sustained by use or misuse of this product.