

Hardwire 3-Pin Binding Instructions

PART # 608-21



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

Hardwire Hook Installation

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

Very Important!! If the Hardwire Heel Assembly is removed, when re-installed, the hooks must be installed from the top!! If installed from the bottom you may lose the Hardwire Heel Assembly during transport. (See Figure 1)

If you need to re-install the Hardwire Heel Assembly to the Hardwire 3-Pin toe-plate, you must do so before mounting the binding to the ski. When the heel assembly is installed from the top this will ensure absolute security of the heel assembly. The hooks cannot be removed unless you completely unthread the cartridges from the hook/rod.

Sizing:

Correct adjustment of the heel lever provides an audible snap when the lever is engaged. For most boots this means when the lever is not engaged it will rest about a 1/4 inch back from the boot heel. To change the length of the heel piece spin the spring cartridges. When the rods are at their maximum length a thread will appear. **The threads should not be exposed!!**

Checking the forward pressure:

After you initially fit your boots it is necessary to check the forward pressure of the heelpiece. 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 inch and no more than 1/4 inch to insure optimal flex and retention. (See Figure 3) The forward pressure may need to be readjusted after your initial ski runs.

- Parts List:
- 2 Toe-pieces
 - 2 Complete Hardwire Heel Assemblies
 - 2 20mm V-120 Risers
 - 2 Launch Pad Climbing Heels
 - 2 2mm LP Heel Spacers
 - 18 3/4" (19mm) screws
 - 8 Riser Plugs
 - 4 Heel Pad Plugs
 - 2 Anti-Ice T ape
 - 1 Paper mounting template

MENS	
HARDWARE	MONDO POINT
SHORT	24 - 26.5
STANDARD	27 - 31
<small>Boot sizes are for a general guideline. Actual size may vary with each boot manufacturer.</small>	

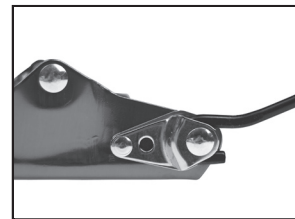
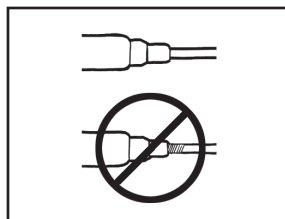


FIGURE 1

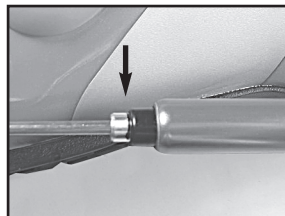


FIGURE 2



FIGURE 3

Riser and Toe-Piece Mounting

Consult ski manufacturer for mounting position on all skis.

Use the Voile Hardwire Mounting Jig or the enclosed paper template and follow mounting instructions on back of paper template. Make sure the 3-Pin line is intersecting diamond shape on jig or template. Check drill bit depth before drilling especially for narrow profile skis. Always follow ski manufacturer guidelines.

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

If you are mounting to a K2 telemark ski with metal inserts, you must obtain part# 608-94 M5 x18mm screw pack from Voile. The screws provided with K2 telemark skis are too short to mount any Voile telemark bindings!!

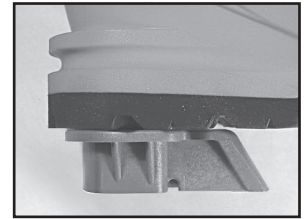


FIGURE 4



FIGURE 5

Heel Pad Mounting

Refer to instructions on the back of the paper mounting template for heel pad mounting.

Insert the boot into toe-plate. Mount heel pad so the back of the heel pad is inside the boot heel 1/4”/6mm. (See Figure 4) Mark the location of the holes. Drill holes, check screw length and mount. Press in heel pad plugs.

Remove the backing on the anti ice tape and place it on the corresponding toe-piece.



FIGURE 6

Tech Tips:

- 1.) Voile recommends greasing the threads on the Hardwire Rods at the end of each season to prevent any corrosion of the threads and thus will maintain easy adjustment of the cartridges. For best results use an anti-seize grease.
- 2.) Maximize backcountry touring efficiency with the Hardwire 3-pin, lock the heel lever to the heel pad and walk up on the 3-pin toe with much less effort. This benefit can be utilized on Hardwire brand telemark bindings for transporting your skis. (See Figure 5)
- 3.) Always make certain the Hardwire heel assembly is centered on the ski to maintain even pre-load of the spring cartridges. If the spring cartridges come out of adjustment, simply rotate to bring back to center and make sure to maintain adequate load on spring cartridges to maximize performance. (See Figure 6)

**WARNING:
THE VOILE HARDWIRE 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 HARDWIRES are not safety bindings and therefore do 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.

The Voilé Hardwire Binding is warranted 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.