



TTS Binding Instructions

PART No. 608-140 (Stiff), 608-145 (Tour), 608-147 (Tour LT)



WIRE POSITION IS FIXED ONCE MOUNTED!!! Confirm your boot sole length for desired wire position (active or neutral) using the specs table above.

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

Sizing: Minimum thread engagement of the spring cartridges requires **10 full revolutions**. 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 make contact with the back of the boot heel. (SEE FIGURE 1). To adjust the length of the heel assembly, simply spin the cartridges evenly clockwise to tighten and counterclockwise to loosen.

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 back collar. the distance should be at least 1/8" or 6mm 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.

Tech Tips:

- 1.) Always make sure the Hardwire heel assembly is centered in the ski to maintain even pre-load of the spring cartages. If the spring cartridges come out of adjustment, rotate clockwise to tighten and counter clockwise to loosen, to bring the heel lever back to center. (SEE FIGURE 4)
- 2.) Before skiing, **check the forward pressure** to confirm you have an adequate load on the spring cartridges for maximum performance. (REFER AGAIN TO FIGURE 3)
- 3.) Voilé recommends greasing the threaded ends of the rods **at the end of each season** to prevent any corrosion or oxidation of the threads. This will maintain easy adjustment of the spring cartridges. For best results, use marine grade anti-seize grease.

BOOT SOLE LENGTH RANGE (mm)

TTS STIFF / TTS TOUR	
NEUTRAL WIRE POSITION:	
SMALL	250-275
MEDIUM	280-310
LARGE	315-355
ACTIVE WIRE POSITION:	
SMALL	265-290
MEDIUM	295-325
LARGE	330-370
Boot sizes are only a general guideline and size may vary between boot manufacturer.	

TTS TOUR LT (LONG TRAVEL)	
NEUTRAL WIRE POSITION:	
MEDIUM	305-335
ACTIVE WIRE POSITION:	
MEDIUM	320-350
Boot sizes are only a general guideline and size may vary between boot manufacturer.	

PARTS LIST

- 2 TTS 20mm Toe Risers
- 2 Wire/Cartridge Assemblies
- 12 Riser Plugs
- 2 TTS Toe Pads
- 1 LEFT Tech Pin Assembly
- 1 RIGHT Tech Pin Assembly
- 2 Crampon Hooks with alternative 1.5mm spacer
- 6 3/4" (19mm) Mounting screws for Tech Pin Assembly
- 2 Dual LP Climbing Heels
- 2 Dual LP 2mm Spacers
- 2 55mm Climbing Wires
- 2 75mm Climbing Wires
- 12 5/8" (15mm) mounting screws
- 4 3/4" (19mm) Mounting screws for heel pad
- 4 Flat washers for heel pad screws
- 2 Dual LP Slot Plugs



FIGURE 1

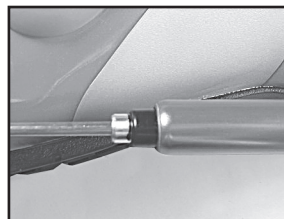


FIGURE 2

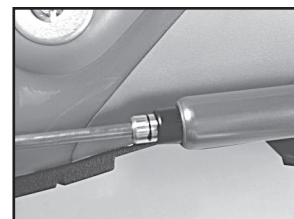


FIGURE 3

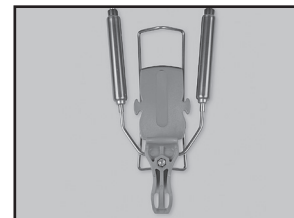


FIGURE 4



Mounting the TTS 20mm Toe Riser and Wire/Cartridge assembly:

Consult your ski manufacturer for mounting position on all skis.

Using the Voilé Mounting Jig or the enclosed paper template, make sure the Pin Line mounting position intersects the diamond shape on the jig or template. Check drill depth before drilling. Pay special attention to narrow profile skis. **ALWAYS FOLLOW SKI MANUFACTURER GUIDELINES AND RECOMMENDATIONS FOR MOUNTING.**

Check screw length to prevent “dimpling” the base.
Grind screws if necessary.

Rest the Wire/Cartridge assembly in the appropriate channel of the Toe Riser for Neutral (front) or Active (rear) position (SEE FIGURES 5a and 5b). **THIS WIRE POSITION CANNOT BE ADJUSTED ONCE THE TOE RISER HAS BEEN MOUNTED.**

Following manufacturers guidelines, mount the TTS 20mm Toe Riser to the ski using either wood glue or epoxy in each screw hole.

Install the Riser Plugs.

Attaching the Tech Pin Assembly: Assemble the Tech Pin Assembly (6a) over one of the TTS Toe Pads (6b), with either the Crampon Hook (6c) or alternative 1.5mm spacer in the Toe Pad’s lower notch. (SEE FIGURE 6)

Attach the Tech Pin Assembly **with the lever facing the outward edge of the ski.**



FIGURE 5a

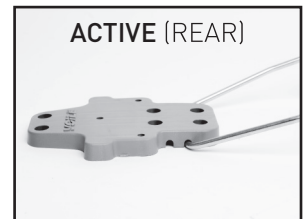


FIGURE 5b

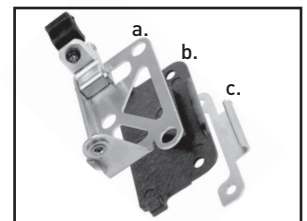


FIGURE 6

Mounting the Dual LP Heel Pad: 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 matches the back of the boot heel. (SEE FIGURE 7) 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 8)

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 9)

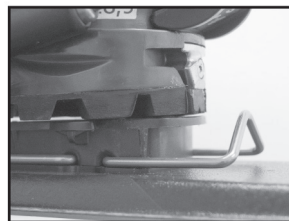


FIGURE 7



FIGURE 8

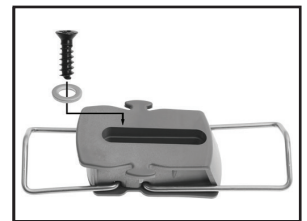


FIGURE 9

WARNING: THE VOILE TTS 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 TTS bindings 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 are not liable for any personal injuries sustained by the use or misuse of this product.

LIMITED WARRANTY

The Voilé TTS Binding is warranted by the manufacturer against any defects in materials and workmanship for a period of one year. Warranty service and replacement parts are available directly through Voile.

MADE IN
UTAH
USA

