



Switchback/X2

Telemark Touring Bindings

Switchback Binding Instructions

PART No. 608-110 (STD), 608-115 (WMN), 608-130 (X2)



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

Hardwire Hook Installation:

The Hardware heel assembly is pre-installed on your Switchback binding. The following information is provided if you remove and re-install the Hardware 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)

To remove the assembly with the binding mounted to a ski, disengage the locking mechanism on the toe-plate by switching from ski to tour mode. This will provide enough clearance to remove the Hardwire rods and heel assembly from the toe-plate.

To re-assemble, with the toe-plate in tour mode, install the outside rod/hook first (there is a small arrow cut out on the left and right asymmetric toe-plates), then squeeze the rods together and install the inside 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 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 back 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.

PARTS LIST

- 2 Completely Assembled Switchback Bindings
- 4 Riser Plugs
- 2 Dual LP Climbing Heels
- 2 Dual LP 2mm Spacers
- 2 100mm Climbing Wires (Men's)
- 2 80mm Climbing Wires (Women's)
- 2 65mm Climbing Wires
- 12 3/4" (19mm) Mounting Screws
- 4 Flat washers for heel pad screws
- 2 Dual LP Slot Plugs
- 1 Paper mounting template

WOMENS HARDWARE	SWITCHBACK MONDO POINT
SHORT	23 - 25.5
SOLE LENGTH	256mm-310mm

Boot sizes are only a general guideline and size may vary between boot manufacturer.

MENS HARDWARE	SWITCHBACK & X2 MONDO POINT
SHORT	24 - 26.5
SOLE LENGTH	273mm-322mm
STANDARD	27 - 31
SOLE LENGTH	305mm-350mm

Boot sizes are only a general guideline and size may vary between boot manufacturer.

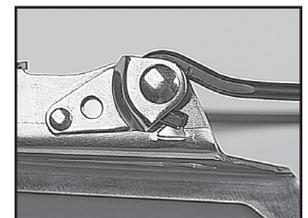


FIGURE 1

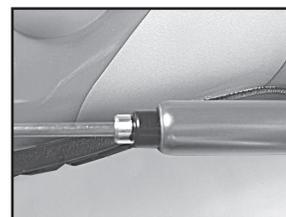


FIGURE 2



FIGURE 3



Binding Mounting:

Consult your ski manufacturer for mounting position on all skis.

Using the Voilé Mounting Jig or the enclosed paper template, make sure the 3-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. Following manufacturers guidelines, mount the Switchback riser to the ski using either wood glue or epoxy in each screw hole.

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 matches the back 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)

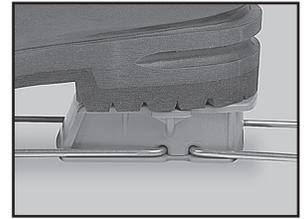


FIGURE 4

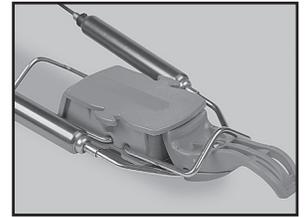


FIGURE 5

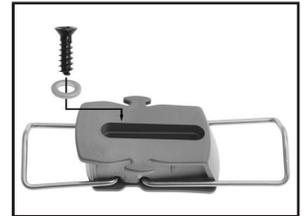


FIGURE 6

Uphill Touring Function:

To disengage the lock down latch on the Switchback/X2, rotate the lever to the side marked TOUR. It is easiest to use your ski pole to rotate the lever between the two positions. Once you are ready to ski, simply rotate the lever to the side marked SKI. The locking mechanism is spring loaded so the toe-plate does not need to be flat to lock, simply rotate the lever to SKI and step down.

Tech Tips:

- 1.) 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 anti-seize grease.
- 2.) Always make sure the Hardwire heel assembly is centered in the ski to maintain even pre-load of the spring cartridges. 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. Before skiing, make sure you always have an adequate load on the spring cartridges for maximum performance. (SEE FIGURES 9 & 10)



FIGURE 7



FIGURE 8

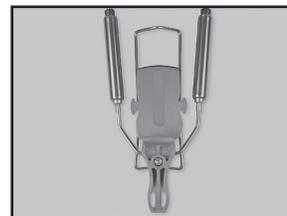


FIGURE 9



FIGURE 10

WARNING:

THE VOILÉ SWITCHBACK/X2 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. VOILÉ SWITCHBACK/X2 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 judgement.

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 Switchback/X2 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 Voilé.

MADE IN
UTAH
USA

