



## BISHOP 2ND SKI KIT

2nd Ski Kit allows you to set-up a second (or third, or fourth, etc) set of skis to accept the Bomber Bishops. So you can now swap a set of

Bishops from ski to ski for little cost and little time.

Includes: Front Sub-Plates, entire Rear Assembly, climbing wires, mounting hardware, hex key, and template (if standard mount).



Works for both standard Ski Screw type skis as well as skis with the new "Telemark Insert Pattern" with threaded inserts.

### MOUNTING HARDWARE TYPE

Ski Screw	M5 Inserted Skis	M6 Inserted Skis
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# BISHOP 2ND SKI KIT INSTALLATION

v3.0

Understand that telemark skiing is a hazardous sport. No matter how good or careful you are, you risk injury when you telemark ski. We urge you to ski in control and obey the area's responsibility code. Bomber Industries, Inc. will not be liable for any direct or indirect injuries or damages caused by the use of this product.

The Bomber "Bishop" Telemark binding is NON-RELEASABLE. In the event of a crash or loss of control they will NOT RELEASE.



Tools Needed:

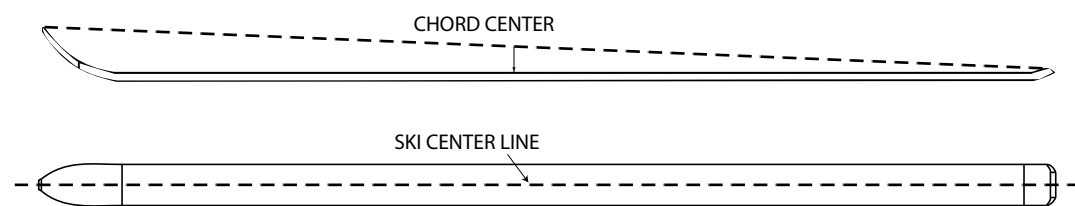
- Tape measure
- Tape
- Hammer
- Center Punch
- Pen
- Chamfering Bit or Large Drill
- Drill Stop
- #3 Pozidrive Screw Driver
- Wood Glue
- 4mm or 5/32" Drill

If you are not comfortable drilling into your own skis and mounting your bindings, please go to your local ski shop and have an underpaid and overworked ski tech do this for you.

## Mounting to ski

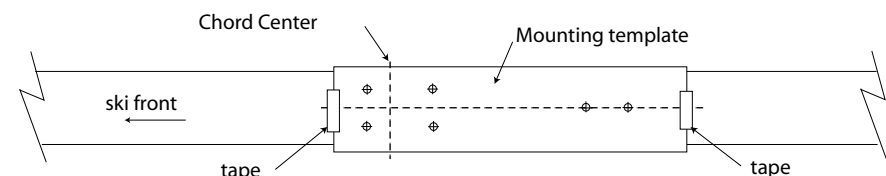
**1a** If you have skis with the new "Telemark Insert Pattern" (threaded inserts in the ski) you are in luck. You can skip all the mumbo-jumbo below and jump to step #6 below and the only tool you need is a screw driver. You're done, move on to the next step - "Mounting Binding and Boot Fitting". We love threaded inserts.

**1b** Find the CHORD CENTER of the ski by measuring the length of the skis from the tip to the tail. The middle point of this measurement (total length divided by 2) is the CHORD CENTER of the ski. Mark this point on the ski with your pen. At the same time, measure and mark the SKI CENTER LINE.



**2** Line up the supplied template with these marks. Tip: cut the paper template along the "Chord Center" line, this makes lining it up on the ski much easier. Tape the ends of the template to the top of the ski.

**Suggestion:** We find mounting the binding at least 1cm forward of CHORD CENTER is a way to get your ski to initiate the turn more efficiently. This is highly debatable and controversial but, hey, that is why we called it a suggestion.



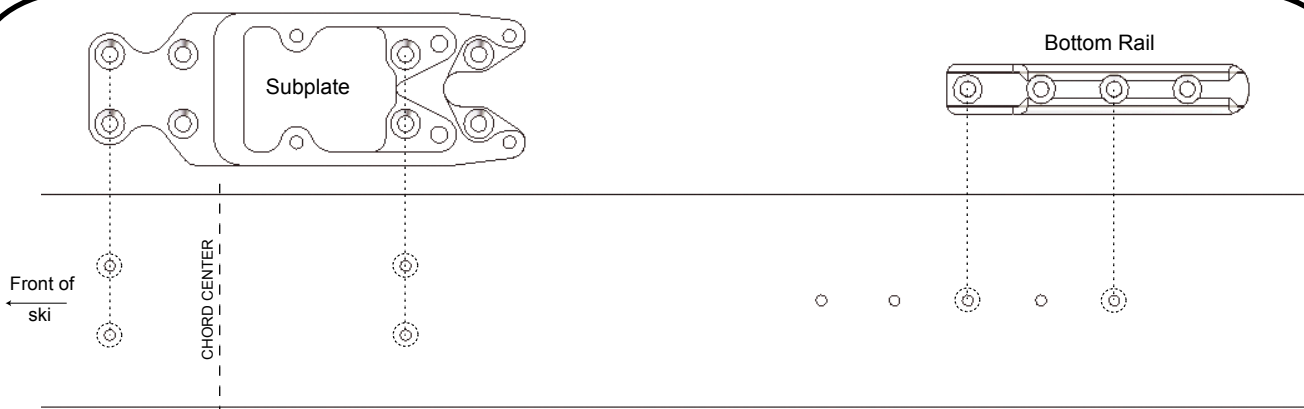
**3** Using the CENTER PUNCH or a NAIL, punch all six (6) of the mounting hole center marks. Remove the template. Drill all six holes 3/8" (9mm) deep.

**WARNING:** use either a DRILL STOP or in a pinch, wrap tape around the DRILL at the depth mark and use this as a visual guide ONLY! Holes in the bottom of your skis are bad.

**4** When you drill the holes they should look nice and flush with the top of the ski. However, when the screws get installed, chances are the top sheet will bulge up (volcano effect) and cause problems with the binding laying flat on the ski. Use the CHAMFER tool to put a small chamfer on the holes. In a pinch, you can use a large drill (1/4" or 3/8") and JUST use the tip of this drill as a chamfer tool. Do not go nuts with the chamfering, just a small shallow chamfer is all you need.

**5** Put a good amount of WOOD GLUE into each hole. Use a small nail or paper clip to work the glue into the holes. Wipe any excess glue from the top sheet of the ski.

**Note on EPOXY:** Some people swear by the strength gains of epoxy. Our own studies have shown that advantages are not significant and the down side is epoxy can react badly with some ski cores, and it takes major ski surgery to remove these screws if needed. With a well built ski and properly designed bindings (i.e. very low screw height) you will be just fine with using wood glue.



**6** Place SUBPLATE and BOTTOM RAIL onto ski and line up the holes on each part with the drilled holes on the ski. Insert the supplied SKI SCREWS (5.5 by 13mm long) and tighten them down with a #3 POSIDRIVE screw driver. For skis with threaded inserts use the supplied screws for your skis and tighten down with a Phillips screw driver. The indicates where the holes are from the template and the holes to use if your skis have inserts. Check these screws for tightness at regular intervals.

**Alternate Mounting Position:** both the SUBPLATE and BOTTOM RAIL have an extra set of mounting holes that allow you to move the Bishops 2.7cm (1.06") forward from the original mount. Combined with the Bishop's upper position adjustment you can go as far as 3.7cm (1.46") forward! And even more than that with skis with double sets of inserts. We love threaded inserts.