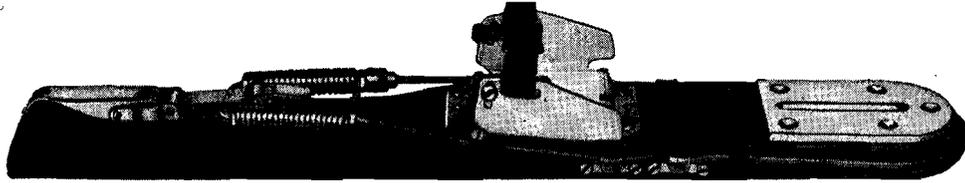


HOW TO MOUNT CABLE SKI BINDINGS

7-1-50

MICROMATIC IRONS



THE BALANCE POINT.

On better grade skis the balance point is indicated by a mark on the side of the ski. If this mark is missing, determine the exact point by balancing the ski on the edge of a knife or file. Mark this point carefully as it determines the location of your binding.

MARKING FOR POSITIONS OF SCREWS.

As you determine the correct position of each part of the binding mark the ski for the exact centers of the screw holes. Use a nail or punch for this.

THE TOE IRONS.

Place the Micromatic Toe Iron Assembly on the ski with its narrow end forward. Set it straight on the ski and so placed that the toe strap is directly over the balance point. Use a $3/16$ " bit to bore a starting hole $1/4$ " deep for the four outside screws. Then use a $3/32$ " bit and bore a $3/8$ " deep anchor hole. For the two center screws drill no starting holes, but use a $3/32$ " bit and bore holes $3/8$ " deep. Lay the toe iron assembly in place and fasten it to the ski with the six $7/8$ " No. 10 Flat Head screws. Lubricate the screws with wax or soap for ease in turning and to prevent splitting the wood. The two center screws hold the transverse adjusting screws. Leave the two center screws loose until the toe irons have been adjusted to the boot. Set the irons to fit the boot by turning the transverse adjusting screws. To widen the space between the toe irons turn the adjusting screws to the right. For smaller space turn them to the left. The toe of the boot should protrude about $1/2$ " beyond the front end of the toe irons. Tighten the center screws after the irons are adjusted. NEVER ATTEMPT TO TURN THE TRANSVERSE SCREWS UNTIL THE CENTER SCREWS HAVE BEEN LOOSENED.

THE LOW HITCHES.

The two forward low hitches should be attached to the ski directly below the center of the toe iron assembly. The placement of the two rear low hitches depends on how much heel downpull tension is desired. Generally, they should be placed well back under the instep. It is desirable to tip them slightly to conform with the diagonal line of the cable from the heel. Two $3/4$ " No. 8 Filister Head screws hold the low hitch to the ski. Use a $5/32$ " bit to bore a starting hole $1/4$ " deep. Then use a $3/32$ " bit to bore a $3/8$ " deep anchor hole for each screw.

THE FRONT THROW (Ladder-type).

The Front Throw should be centered on the ski with a $3\frac{1}{2}$ " gap between it and the foremost part of the toe iron assembly (measured with the throw in closed position). If a small sized ski boot is being fitted, the front

throw may have to be mounted from $1/2$ " to 1" farther forward to compensate for the cable length. Use a $5/32$ " bit to bore a $1/8$ " deep starting hole for each of the $1/2$ " No. 8 round head screws. Then use a $1/16$ " bit to bore a $3/16$ " deep anchor hole. Lubricate the screws and use care to prevent splitting the ski by forcing the screws.

ADJUSTING THE CABLES.

Lift the short lever at the end of the front throw to open the "ladder" section. Insert the cable in one of the slots and close the section. Engage the cable into the low hitches. With the boot in the binding, shorten or lengthen the cable by turning the two adjusting nuts on the springs. When the front throw is closed the boot heel should be firmly engaged and the boot snug in the toe irons. Check the cable to see that at least an inch of it is engaged by each adjusting nut. Four possible positions of the cable in the "ladder" make for additional convenient adjustment.

These bindings come with long cables to fit men's boots or with shorter cables to fit women's boots.

THE HEEL PLATES.

With the boot in the binding, place the heel plate on the ski in a position to coincide with the boot heel. To prevent bending of the brads used in fastening the heel plates make starting holes for the brads with a nail or punch and then drive them in carefully.

CAUTION.

- For the sake of safety do not tighten the cables too much or place the low hitches too far back on the ski.
- Be very sure that the holes for the screws are drilled in the right sizes. Do not attempt to force the screws under any circumstances.

SOLE CLIPS.

The sole clips on the toe irons should be adjusted to hold the boot sole firmly. If the skier prefers not to use the toe straps, they can be removed.

CARE AND UPKEEP.

Keep the cables slightly oiled at all times and check the screws periodically. Tighten those that may have loosened. Never turn the Transverse screws before loosening the center screws.

NOTE: If you are able to get tapered bits, or can make them, the bits for drilling the anchor holes can be dispensed with. Use tapered bits in the sizes given here for the starting hole bits. Tapered bits do a more reliable job.