

# Pro 600 and Pro 6000

## HOOK RETAINER INSTRUCTIONS



### **Installing the comb:**

- A. Remove collar by loosening the set screw and sliding it off the end of the comb (See Fig. 1).
- B. Keeping comb level, push comb through the first bushing housing and then across the tool and into second bearing housing on the opposite side of the tool. Be sure to keep the comb level to avoid binding in the bushing housing during this operation (See Fig. 2).
- C. Collar is used to act as a stop. Position where desired and tighten set screw. This procedure will help ensure that the comb is not pulled out of the bushing housing when advancing the comb in the lacing procedure.

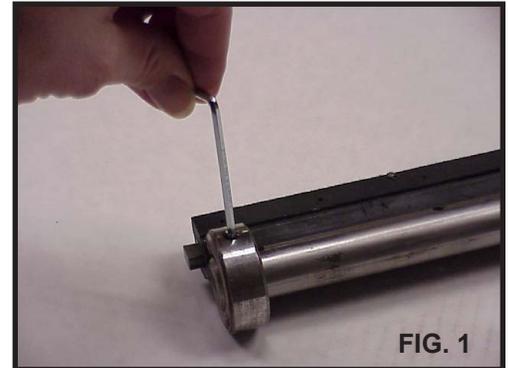


FIG. 1

### **Selecting the correct gauge pin (lacer pin):**

The proper gauge pin should be 20 – 30% thinner than your belt thickness. To select the proper gauge pin, measure the belt thickness and select the appropriate gauge pin. Below is a chart showing the gauge pins that come standard with the combs.



FIG. 2

Comb	Gauge Pins
25	1.5, 1.5 x1.8, 1.5 x 2.0mm
36	1.5, 1.5 x1.8, 1.5 x 2.0mm
1	1.8, 2.0, 2 x 2.5, 2 x 3mm
2	2.5, 3.5 x 3.0, 4.0 x 3.0mm

### **Determining the number of hooks required:**

1. Lay strips of hooks end to end across the entire width of the belt, with the exception of ¼" - ½" on each belt end. When necessary, cut a strip of hooks down to the appropriate length. Carded hooks can be cut down with a small scissors. Unibar® hooks can be cut to the appropriate length with either a Unibar® wire cutter or by twisting.
2. The trailing end of the belt should have one less hook than the leading end (Fig. 3). This prevents hooks from getting caught on the conveyor framework and pulling out. The trailing end should be notched after hooks are installed to prevent belt rips/tearing.

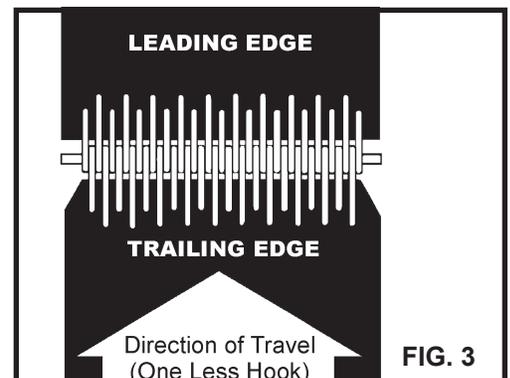


FIG. 3

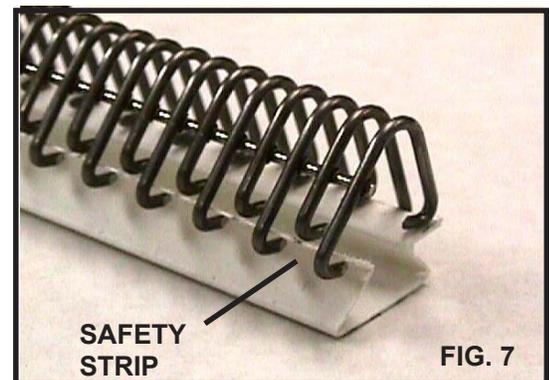
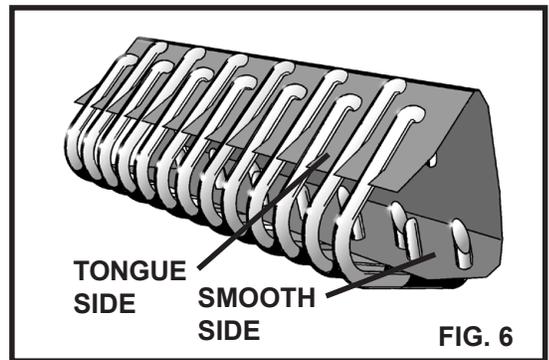
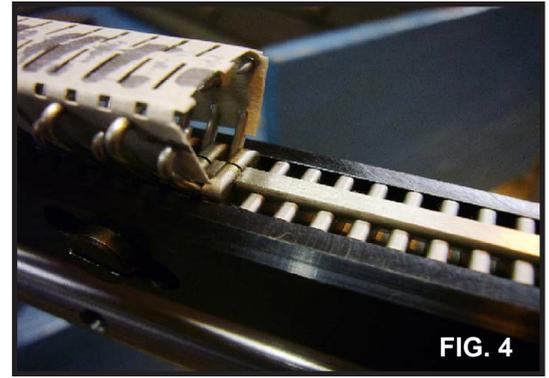


### **Insertion of hooks into the comb:**

3. Insert hooks into the active lacing slots on the comb. Do not place unlaced hooks into the deep slots on the end of the comb.
4. Insert gauge pin into the comb. If using a “D” shaped pin, insert the pin into the comb with the flat side facing up (Fig. 4).
5. NOTE: If using the #2-7 combs, with fasteners and gauge pin in place tighten the adjusting side plates by turning the knob on the end of the comb until the side plates are snug against the hook legs. Once snug back the side plates off 1-1/2 turn. No further adjusting will need to be made while lacing the same size hook (Fig. 5).
6. If installing hooks into a belt that is wider than the width of the lacer jaws, position comb to one end of the lacer. This will allow you to install the hooks across the width of the belt in a continuous manner.

**Note:** If installing hooks into a belt that is narrower than the width of the lacer jaws, position comb so that the hooks are centered in jaws. Failure to do this may cause the machine to apply unequal pressure to the jaws, jamming the machine.

7. If using carded hooks as shown in Figure 6, remove paper. It is easiest to remove the paper completely from the smooth side first (Fig. 6) and then the opposite side. If using Unibar hooks, remove safety strip (Fig. 7).
8. Insert belt between hook points, center and hold down perpendicular on comb.



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