

## Assembly instructions: Do-it-yourself Door Strap



**Assemble your tools and materials.** The narrow strap on the top is the “bell strap”. The wide strap underneath is the “liner”. The first “lace” at the bottom of the door strap is already done. This first lace is at the bottom of the completed piece – you will build the door strap working from bottom to top.



**Install the first bell.** Insert the shank of the smallest bell in the slot closest to the first lace. Ideally, the slot should be a snug fit on the shank, but the shank should slip into the slot with a reasonable amount of effort.

Sometimes the slot is too narrow for the shank. If so, use a hole punch to make the slot a tiny bit longer. I usually nip a bit off the top part of the slot first, try the bell, then nip a bit off the bottom if needed.



**Install the bell pin.** Insert the open end of a bell pin through the hole in the bell shank. If the bell pin does not slip around the shank easily, widen the opening a bit more.

If you have trouble getting the bell pin through, insert a narrow pointed tool such as an awl through the hole. Work the tool from side to side to compress the leather and slightly enlarge the hole.



Use a needle nose pliers to pinch the open part of the bell pin closed. The installed bell pin should look like a closed figure-8. Try to make each loop of the figure-8 as much alike as possible.





**Make your first lace.** Insert the bell strap through the first slot. Pull the strap through until the bell is centered between the slots as shown. It will be hard to make big adjustments later, so take your time with this adjustment.

Pull the bell strap through the second slot. If needed, pull with the needle nose pliers on the very end of the bell strap. Fine tune the bell location now – it will be really difficult to make adjustments later on.



**Install the other bells.** Repeat the process with the remaining bells. Take care to center each bell between the laces as you go.





**Add the ring.** The hanging ring is fastened on with a “Chicago screw” fastener that has two parts – the screw itself and the post with internal threads. Put the post through the hole at the top of the liner. (Optional: Put a tiny dab of “Loctite” thread locker or nail polish inside the post before putting the post into the liner.)



Slip the ring over the loose end of the bell strap. Fold the bell strap over the top of the liner. Align the hole in the bell strap with the opening in the post.





Use a straight-bladed screwdriver to install the screw so the ring is fastened into place. You're done!



**The finished project, back and front.**