

## Instructions for the SOSS Invisible Hinge

### **RG3/RG4 Router Guide System**

- 1) Place the routed side of the wood router guide (refer to illustration below) into a slotted aluminum channel rail. Slide the guide to the end of the channel so the wood is flush with the aluminum.
- 2) Place small washer on wood screw. Slip screw through the slot in the channel and screw it into the wood hole closest to the flush end. Tighten.
- 3) Turn the steel clip on the flush end of the guide one quarter turn.
- 4) Put screws and washers into any two remaining router guide holes and tighten.
- 5) Slide a second router guide into the other end of the above channel/guide assembly. Slide the guide about two inches into the channel.
- 6) Place a small washer on a wood screw. Slip the screw through the slot in the channel. Turn it into the hole in the wood. Do not tighten.
- 7) Place another channel on the guide and insert two washers and screws as before. Do not tighten them.
- 8) Turn a machine screw in each tapped hole in the angle rail so that screw head is inside the rail's corner.
- 9) Place the angle rail into the end of the channel so one screw extends into the slot in the channel and the angle extends 6" beyond the channel.
- 10) Place a large washer over the screw, turn on a wing nut. Do not tighten.
- 11) Place the third channel over the angle and secure with machine screw washer and wing nut but do not tighten.
- 12) Put the remaining router guide into the channel and secure with three screws and washers. Do not tighten.
- 13) Put nails into the holes in each end of the guide.
- 14) Hang the assembly from the top of the door, using the steel clip in step 3. Rotate clip a half turn if required. The two locator pins in each guide should be against the pull side face of the door.

Lay the door on its side as shown in the illustration below.

- 15) Slide each router guide to the desired location and tighten all loose screws. See attached "Instructions for Mounting SOSS Invisible Hinges Using The Hinge Guide Template" to determine each guide's location.
- 16) Partially drive the nails into the door, only far enough to secure the location of each router guide.
- 17) To rout the mortise, follow the procedure on "Instructions for Mounting SOSS Invisible Hinges Using the Router Guide Template".
- 18) After routing the door, pull the nails out of the door. It is not necessary to pull the nails out of the pre-drilled holes in the guide.
- 19) Rotate the steel clip back to the original position. Place the entire assembly against the hinge jamb with the steel clip snug against the head jamb. The locator pins should be against the pull side face of the jamb.
- 20) Drive nails into jamb just far enough to secure the position.
- 21) Rout the jamb mortises in the same manner as used on the door.

