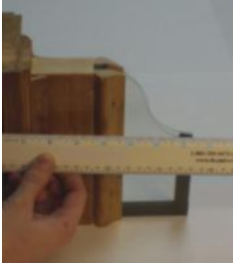


RESIDENTIAL DOORS WITH SIDELIGHTS

DEADBOLT SIDE: Installation Instructions



(A)

NOTE: Make certain your door has adequate wood structure and proper alignment holding your doorframe to accept our Product. Measure the distance between the door jamb and the framework that holds the sidelight window. There must be at least $2\frac{3}{4}$ " to install our product. In this demonstration model we show over $3\frac{1}{2}$ ". (If your door does not have the minimum $2\frac{3}{4}$ ", you can cut off an appropriate length of the $\frac{1}{2}$ " diameter pin extension and adjust your drilling dimensions according.)



(B)

Next look at the relationship of the doorframe to the wooden structure. Measure the distance from the face of the structure to the face of the trim board face and compare that distance to the distance from the edge of the striker plate to the trim face. In this demonstration model we show the framework 1 " from the trim face and the edge of the striker plate at $\frac{3}{4}$ " from the trim face. This means the bulk of this wooden structure is toward the exterior of the building, so we will install the drill guide so the drill is guided toward the exterior of the building.



(1)

Now you are ready to begin. Temporarily remove the Deadbolt Striker-plate.



(2)

Install the Template using the Striker-plate screws and mark the inside of the rectangular hole. Then remove Template.



(3)

Remove the marked area, including the pencil mark. This may be done by wood chiseling, using a hand router, etc. Route the hole $1\frac{1}{2}$ " deep.



(4)

Align the drill guide so the hole will guide the drill toward the exterior of the building as we determined in section "B".



5

Install the rectangular drill guide and secure with the wood screw furnished in the kit.



6

Use a ½" Drill. Keeping the drill level and in line with the Drill Guide angle, drill the ½" hole to a depth of 3" from the face of the drill guide. You will be drilling at the angle you determined from Section "B" above. **Do not drill too deep to making sure you do not break through into the glass framework.** After drilling the hole, remove the Drill Guide and vacuum the sawdust from the hole.



7

Apply an appropriate glue to the rectangular detail and slide it into the hole. Align rectangular shape to the rectangular hole with the round extension aligned with the newly drilled hold, and push into hole until it stops.



8

With the designed interference in the socket, seat the socket with an appropriate punch and hammer.



9

Secure the socket with the stainless steel screw supplied with the system. **Make sure the screw will not break through into the window frame.** Most doors have more than adequate wood structure, but be aware of your individual door as mentioned in section "A". You may need to use a shorter screw or none at all.



10

Re-install your Striker-plate.



11

This cross section shows the completed installation.

HINGE SIDE: Installation Instructions



(A)

NOTE: Make certain your door has adequate wood structure and proper alignment holding your doorframe to accept our Product. Measure the distance between the framework that holds the sidelight window and the hinge mount surface in the doorframe. There must be at least $2\frac{3}{4}$ " to install our product. This demonstration model shows over $3\frac{1}{2}$ " (If your door does not have the minimum $2\frac{3}{4}$ " , you can cut off an appropriate length of the $\frac{1}{2}$ " diameter pin extension.)



(B)

Next check the position of the wooden structure in the same way you checked it for the Deadbolt Installation instructions. If you have not installed the Deadbolt side yet, Read Section "B" of the Deadbolt Installation Instructions.



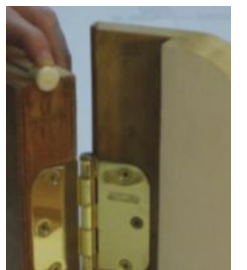
(1)

At approximately 2" below the middle hinge, mark the centerline of the door edge. (This demonstration model only has one hinge, so ignore its position in relation to the 2" dimension).



(2)

At this centerline mark, maintaining a horizontal level and parallel with the door face, drill a $\frac{1}{2}$ " hole $\frac{3}{4}$ " deep. Follow with a $3/8$ " hole to an overall depth of $2\frac{3}{4}$ ".



(3)

Temporarily Install the Blind hole transfer nut "A" and close the door to transfer a center mark unto the doorframe. Use the supplied spacer washer if the punch mark does not transfer when the door is closed because of too large of a gap.



(4)

At this punch mark, maintaining horizontal level and perpendicular to the doorframe, Bore a $1\frac{1}{8}$ " Diameter hole, $1\frac{1}{2}$ " Deep.



5

Install Drill Gauge "B" with the guide hole pointed toward the outside of the building as determined in Section "B" previously. Secure it with the wood screw furnished in the kit. It is also recommended you hold it in position with a wrench or adjustable pliers to prevent rotating while drilling.



6

Use a 1/2" Drill. Keeping the drill level and in line with the Drill Guide angle, drill the 1/2" hole to a depth of 2 7/8" from the face of the drill guide. You will be drilling at the proper angle to match the angle on Detail #3. Make sure you don't drill too deep to avoid breaking into the glass frame of the sidelight. Then remove Drill Guide



7

Vacuum shavings from hole.



8

Apply an appropriate glue to the smaller diameter of the female socket. Insert it into the hole, rotating to align the larger diameter with the bored hole and the extension with the 1/2" drilled hole.



9

Seat the last 1/4" with a punch until the face is flush with the doorframe. Don't drive it in too far, as you will lose effective interlocking with the male pin that will be in the door. Then secure with one of the stainless steel screws supplied with the system.



10

Apply appropriate glue to the male pin



11

Insert the pin into the hole in the edger of the door making sure the radius on the large diameter is in the imaginary arc created by the door as it closes.



12

This will allow for pin clearance as it enters the female socket in the doorframe. Be careful not to let it rotate as you push it into the hole.



13

Seat the pin with a block of wood and hammer until the shoulder of the large diameter is up against the door edge.