

Hinge Side: Installation Instructions (page 1)



(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 $\frac{3}{8}$ " 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.

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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 $\frac{1}{2}$ " Drill. Keeping the drill level and in line with the Drill Guide angle, drill the $\frac{1}{2}$ " hole to a depth of $2 \frac{7}{8}$ " 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 $\frac{1}{2}$ " drilled hole.



9

Seat the last $\frac{1}{4}$ " 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 edge 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.