

Cylindrical Latch Door Preparation

1 View door from the outside. If the hinges are on the RIGHT; place drill jig on OUTSIDE door face with the drill jig surface with the 5/8" diameter bosses against the door edge. If the hinges are on the LEFT; place drill jig on INSIDE door face with the drill jig surface with 5/8" diameter bosses against the door edge.

2. Position the drill jig "LEVER HANDLE CENTERLINE" (Hole "B") at the height you want the latch lever and draw a line above and below the drill jig surface with the 5/8" diameter bosses on the door edge. Remove drill jig.

(CAUTION: CHECK FOR INTERFERENCE BETWEEN INSIDE SCREEN DOOR LATCH ASSEMBLY AND PRIME DOOR OUTSIDE LATCH ASSEMBLY. THE INSIDE ESCUTCHEON PLATE ON THE INSIDE SCREEN DOOR LATCH ASSEMBLY EXTENDS SLIGHTLY BEYOND THE LARGE SURFACE OF THE DRILL JIG. Adjust drill jig and redraw lines if necessary to eliminate interference).

3. Mortise door edge between lines to 0.100 inch depth. (NOTE: Mortise plate is 0.100 inches thick.)

4. Reposition drill jig on door with the surface with the 5/8" diameter bosses in the mortise cut made in Step 3 and the large flat surface against the OUTSIDE or INSIDE door face. Insert the Transfer Center Punch provided in the screw pack with the point end toward the door edge and lightly tap with hammer to mark centers for (3) 3/32" diameter pilot holes for # 6 screws.

NOTE: Care must be taken to drill all holes perpendicular to the door surfaces.

5. Remove the drill jig and drill (3) 3/32" diameter pilot holes one inch deep on the center marks made in Step 4.

6. Attach drill jig to door edge with (2) #6 screws in top and bottom countersink holes.

7 Using 5/8" diameter drill jig bosses as guides, drill (2) 5/8" diameter holes 2-3/4" deep in door edge.

8. Using 3/8" diameter drill jig bosses as guides, drill (2) 3/8" diameter holes (A & C) completely through door face.

9. Using 1/4" diameter drill jig bosses as guides, drill (1) 1/4" diameter hole (B) and (2) 1/4" diameter numbered holes - hole numbers 1 & 4 on RIGHT-HAND or hole numbers 2 & 3 on LEFT-HAND doors completely through door face (See note on sheet attached to Drill Jig). Remove #6 screws and aside drill jig.

10. Using 1" diameter hole saw enlarge (1) hole B and (2) numbered holes to 1" diameter half-way through the door face from each side with hole saw

