

# Push-Pull Latch

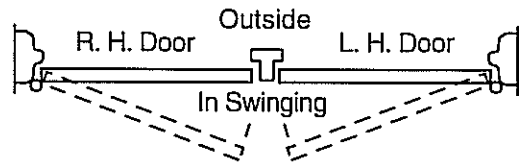
## 311D / AY-99 / AZ-00 SERIES

### Installation Instructions

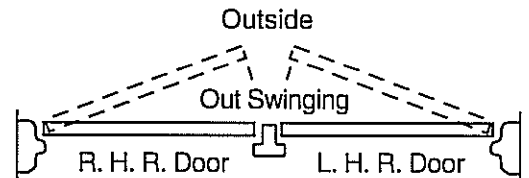
#### Wood Door and Frame Preparation

##### Mark the Door and Frame.

- Using a square, draw a horizontal line on edge and surface of door at  $45\frac{3}{4}$ " (suggested unless otherwise directed) above the floor. Also mark door frame at this same height.
- Using installation template, mark location of cross bore. Also, mark location of four (4)  $\frac{5}{16}$ " dia. thru holes. Next, mark edge of door on vertical centerline for 1" dia. hole (see Figure 1).
- To determine location of vertical centerline of strike, take half of the door thickness (measured from door stop or silencer if used). Using strike as a template, mark outline. Also mark location of two (2) attaching screws (see Figure 3).



Use L.H. Push-Pull Latchset for R.H.R Doors  
Use R.H. Push-Pull Latchset for L.H.R. Doors



##### Mortise and Drill Door and Frame.

- Drill holes as directed on Installation Template making certain drill is perpendicular to the door at all times while drilling. Drill  $1\frac{1}{8}$ " cross bore first. Next, drill four (4),  $\frac{5}{16}$ " dia mounting holes thru. Then, drill 1" dia. edge bore.
- Insert latch bolt unit into hole in edge of door. Using front trim as a template, mark outline. Also, mark location of two (2) attaching screws. Remove latch bolt unit.
- Drill pilot holes for two (2) attaching screws. Next, mortise door edge  $\frac{5}{32}$ " deep for front trim (see Figure 2).
- Drill pilot holes for strike attaching screws in jamb. Mortise jamb  $\frac{3}{32}$ " deep for strike. Mortise jamb to receive strike box (see Figure 3).

