1. Prepare door for exit device. See exit device instructions for holes and backset.

2. Transfer center line from inside (exit device side) of door to outside (control side) of door. Use extra care if edge of door is beveled. Be sure center line is parallel to edge of door.

3. Locate and prepare all holes as indicated in diagrams on other side.

4. Install exit device.

5. Make sure control cam is in position shown in Figure 1.

6. Install cylinder, if used, in control (Figure 2).

7. Make sure control cylinder plate is correct for desired function (NL or TL; Figure 3).

8. Disconnect top vertical rod.

9. Apply control, wood door cover plate, and rub plate to door and secure with screws (Figure 4).

10. Place rod member on top vertical rod so rod member finger faces door and curved side of rod member finger faces down (Figure 5).

11. Insert rod member finger into slot in door. Reconnect top vertical rod.

12. With top latch bolt extended, slide rod member up rod so rod member finger touches control cam.

13. Tighten set screws in rod member with 1/8" hex wrench.
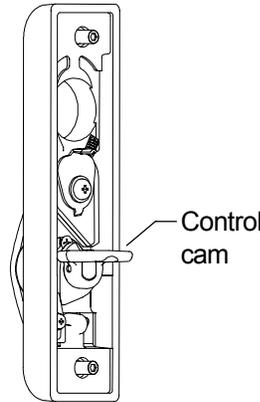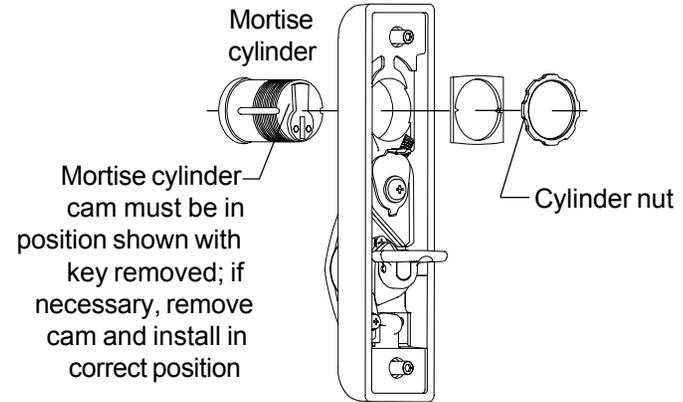
14. Test key, control, and exit device action.

Surface Vertical Rod Device Application Schedule	
2227	3327/3527
2227-F	3327A/3527A
9827/9927	3327A-F/3527A-F
9827-F/9927-F	

Control cam

Figure 1. Control cam position.

Mortise cylinder

Mortise cylinder cam must be in position shown with key removed; if necessary, remove cam and install in correct position

Cylinder nut

Figure 2. Cylinder installation.

Cylinder plate

TL   NL

To change cylinder plate, remove screw and washer

Figure 3. Cylinder plate.

Wood door cover plate

Countersunk washer with 1/4-20 oval head screw

#14 wood screw

1/4-20 x 7/8" undercut flat head screw
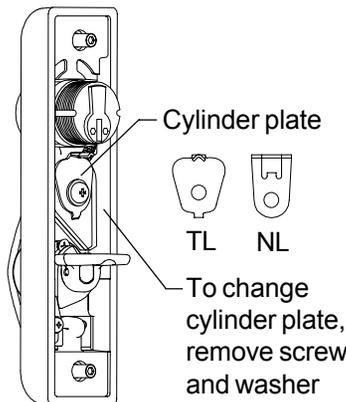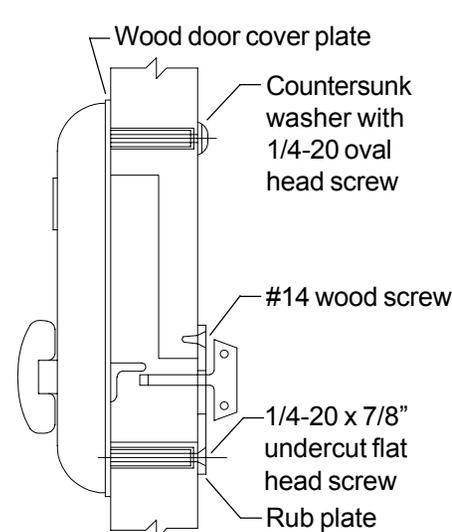
Rub plate

Figure 4. Control and rub plate application.

Rod

Rod member

Curved side of rod member finger faces down
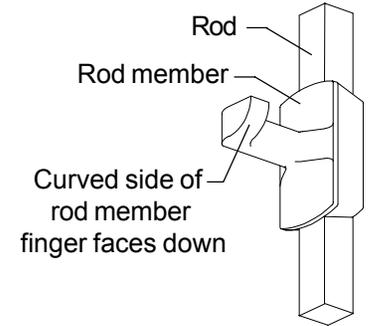
Figure 5. Rod member position.

**LHR shown
RHR opposite**

exit device
and latch case

C̶L̶ exit device
and latch case
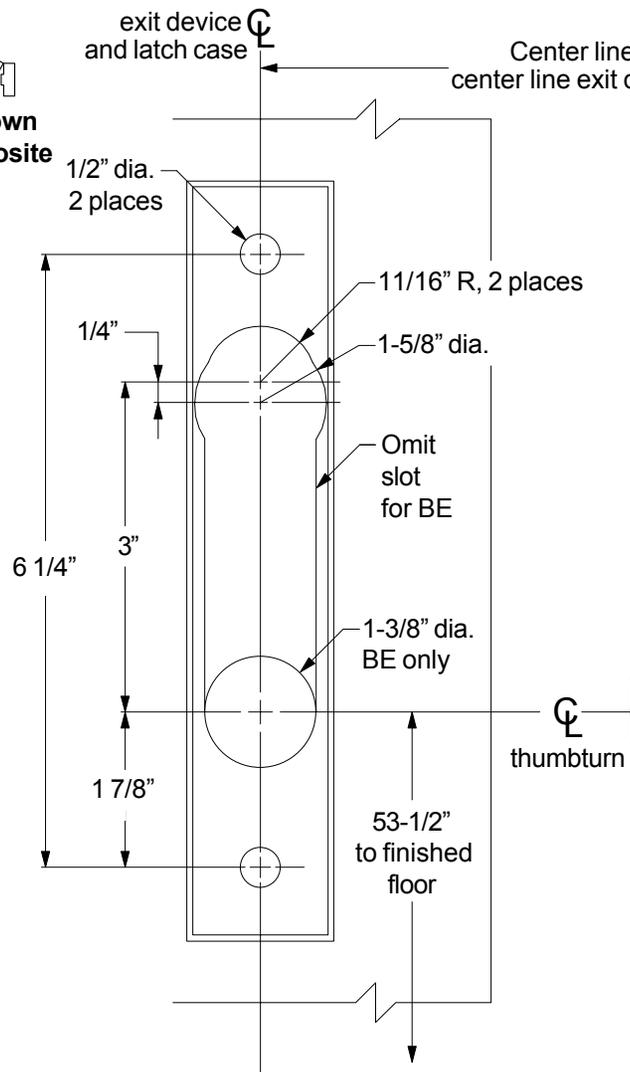
Center line exit device and latch case corresponds to
center line exit device and latch case on exit device instructions

1/2" dia.
2 places

11/16" R, 2 places

1/4"

1-5/8" dia.

Omit
slot
for BE

6 1/4"

3"

1-3/8" dia.
BE only

C̶L̶
thumbturn

1 7/8"

53-1/2"
to finished
floor

1"

5/16" dia.
2 places

Drill pilot hole 3/4" deep for
#14 wood screw; size of pilot
hole for wood door depends
upon hardness of wood

5/16" R

1"

1-1/4"

1/8"

2-7/8"

5/8"
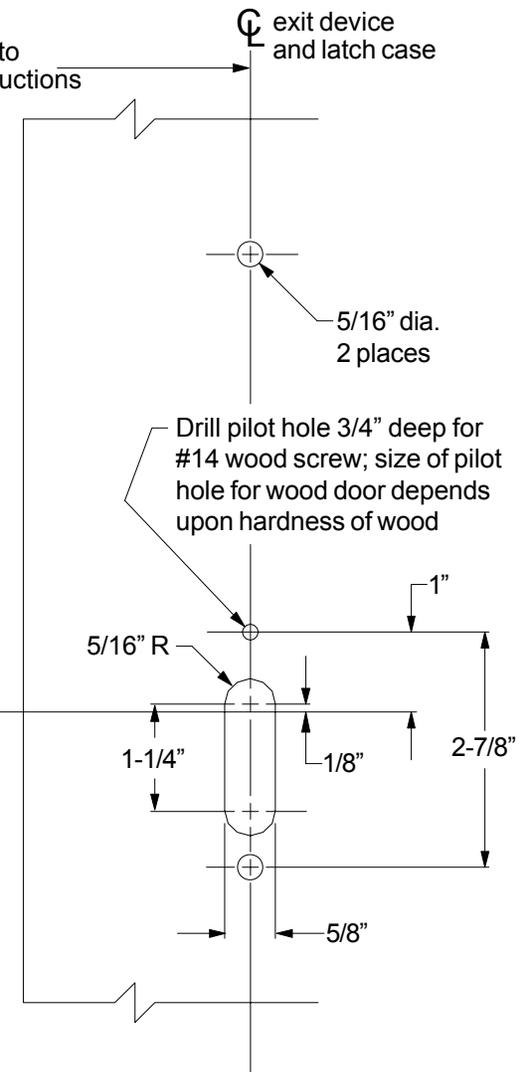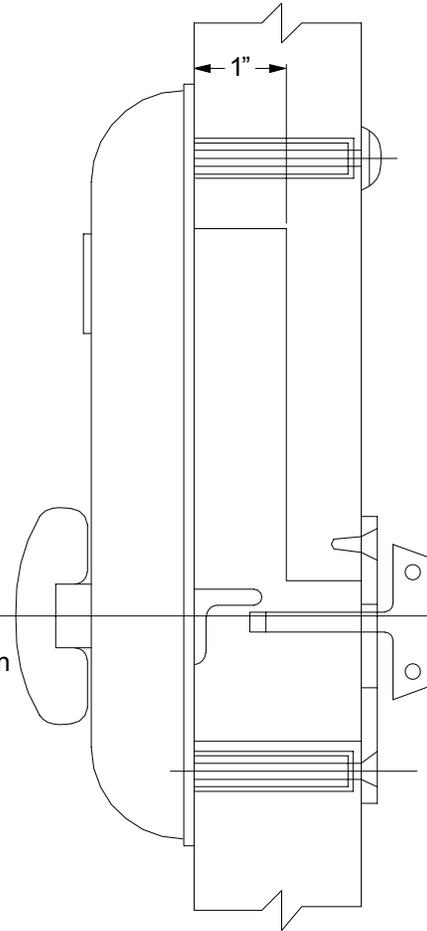
**OUTSIDE FACE
OF LOCK STILE**

For cutouts on inside face of door, see exit device instructions.

**INSIDE FACE
OF LOCK STILE**