

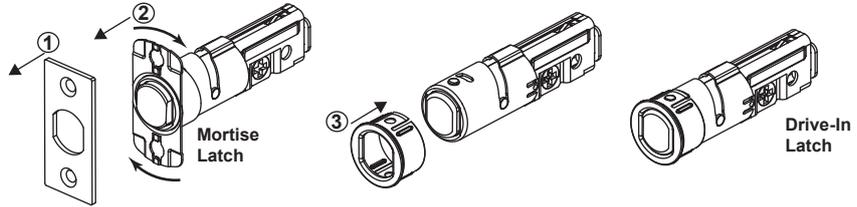
INSTALLATION INSTRUCTIONS FOR 200 SERIES SINGLE AND DOUBLE CYLINDER DEADBOLTS FOR USE ON DOORS 1 3/8 TO 1 3/4" (35~45 mm) THICKNESS

NOTE: Door preparation instructions are for typical wood doors and wood frames.
For other types of door and frame construction consult your sales representative.

Universal Deadbolt Conversions

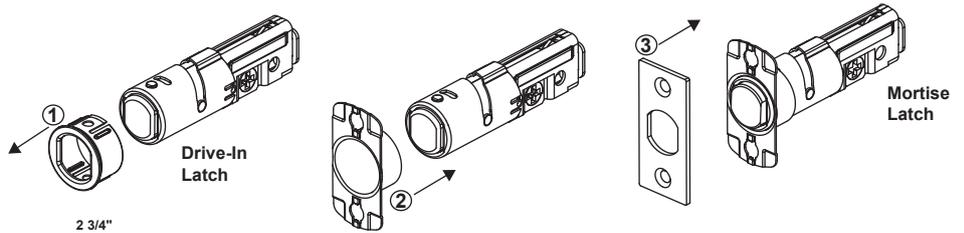
Convert from Mortise to Drive-in Latch

1. Use a flat screwdriver to separate the faceplate from the latch backplate
2. Turn the backplate slightly clockwise and pull it forward to remove it
3. Align the round drive-in collar with the latchbolt and push it on the latch until it snaps-in



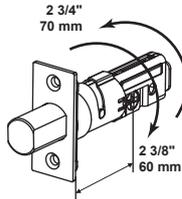
Convert from Drive-in to Mortise Latch

1. Use a small flat screwdriver to release the snapping of the collar on the latch and pull the collar forward to remove it
2. Slide on the backplate from the front of the latch
3. Snap the faceplate on to the backplate

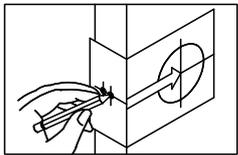


Latch Backset Adjustment

Rotate the latch case as per following illustration for backset 2 3/4" (70 mm) or reverse direction for 2 3/8" (60 mm)

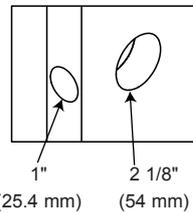


2. MARK DOOR USING TEMPLATE



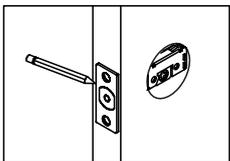
- a. Select 2 3/8 or 2 3/4" (60 or 70 mm) backset as desired and mark horizontal center of hole on door face.
- b. Align template with horizontal centerline backset and fold over door edge.
- c. Mark the 2 1/8" (54 mm) hole center on door surface and the 1" (25.4 mm) hole center on the door edge.

3. DRILL HOLES



- a. Drill 2 1/8" (54 mm) hole through door face, from both sides to avoid wood splitting.
- b. If door hole is less than 2 1/8" (54 mm), flip cylinder shield as per instructions in section 9. The minimum hole size is 1 3/8" (35 mm).
- c. Drill 1" (25.4mm) hole on the door edge for latch. (refer step 4 for mortise latch)
Depth for 2 3/4" (70 mm) backset: 3 7/8" (98 mm)
Depth for 2 3/8" (60 mm) backset: 3 1/2" (89 mm)

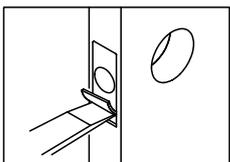
4. INSTALL LATCH



(a), (b)

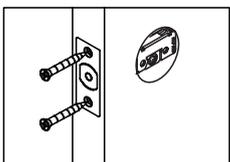
- a. If drive-in latch is used, insert latchbolt fully into the 1" (25.4 mm) hole
- b. If mortise latch is used, insert latch into the 1" (25.4 mm) hole and place faceplate vertically with door edge. Mark the latch faceplate outline around the faceplate and remove the latch.

Latch faceplate size:
1 x 2 1/4" (25.4 x 57 mm)



(c)

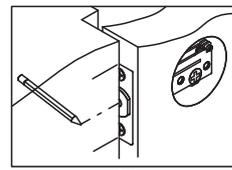
- c. Chisel 5/32" (4 mm) deep or until faceplate is flush with door edge.



(d)

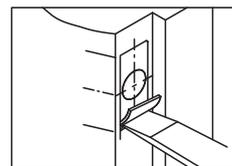
- d. Pre-drill and fasten latchbolt with supplied #8 wood screws.

5. INSTALL STRIKE



(a)

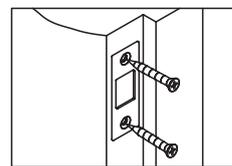
- a. Close door and mark the latch bolt faceplate horizontal centerline on door frame jamb. Open door and transfer the horizontal centerline from the frame jamb to the door stop.
- b. Measure one half of door thickness from door stop and mark the vertical centerline of strike. Drill 1" (25.4 mm) hole, 1" (25.4 mm) deep at intersection of horizontal and vertical line of strike.



(b), (c)

- c. Position strike centrally over the 1" (25.4 mm) hole and mark the strike outline around the strike and chisel:
Strike size: 1 1/8 x 2 3/4" (29 x 70 mm)
Strike cut out depth:
1/16" (1.5 mm) deep for standard strike and fasten with two (2) # 8 x 1-1/4" (32 mm) long supplied combo screws.

OR



(b), (c)

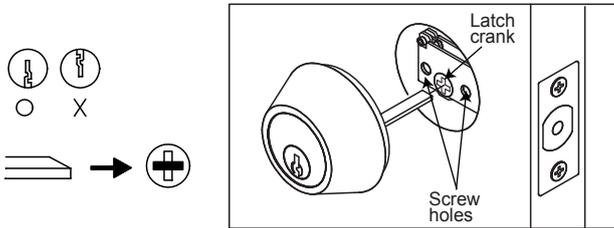
- 1/8" (3 mm) deep when using reinforcement strike. Pre-drill and fasten with supplied:
2 # 8 x 1-1/4" (32 mm) long combo screws and 2 # 10 x 3" (76 mm) long wood screws

NOTE: For other strike types and sizes consult your sales representative.

6. INSTALL EXTERIOR CYLINDER HOUSING (SINGLE CYLINDER)

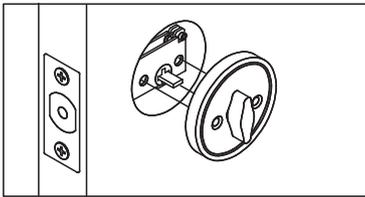
- a. Press cylinder housing against the exterior door surface, making certain the tailpiece is properly positioned in latch crank.
- b. Threaded holes of the exterior cylinder housing should be in line with latch screw holes.
- c. Key hole should be in down position.

TAILPIECE SHOULD BE HORIZONTALLY INSERTED INTO LATCH CRANK.

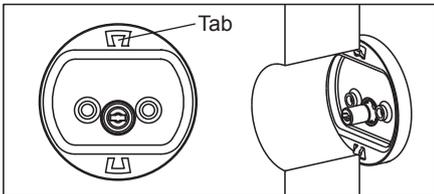


7. INSTALL INTERIOR THUMBTURN (SINGLE CYLINDER)

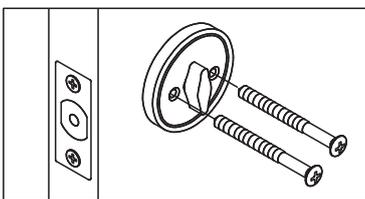
- a. Fit thumbturn into the 2 1/8" (54 mm) hole (inside door surface) ensuring the thumbturn hub engages with the cylinder's tailpiece.



- b. Make sure both tabs fit into the hole on the door face when fasten screws. If door hole is less than 2 1/8" (54 mm) push-in the tabs.

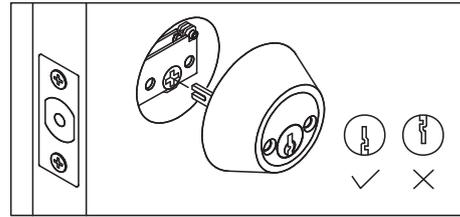


- c. Insert two machine screws through the holes of thumbturn and thread into threaded holes of exterior cylinder and tighten firmly.

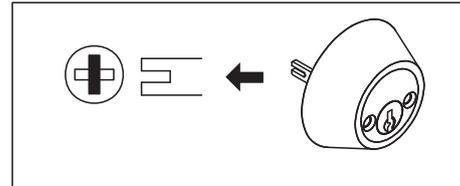


8. INSTALL INTERIOR CYLINDER HOUSING (DOUBLE CYLINDER)

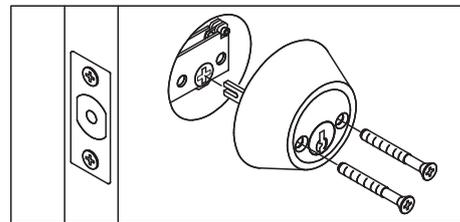
- a. Press interior cylinder housing against the door, ensure the tailpiece is oriented vertically as shown. Key hole should be in down position.



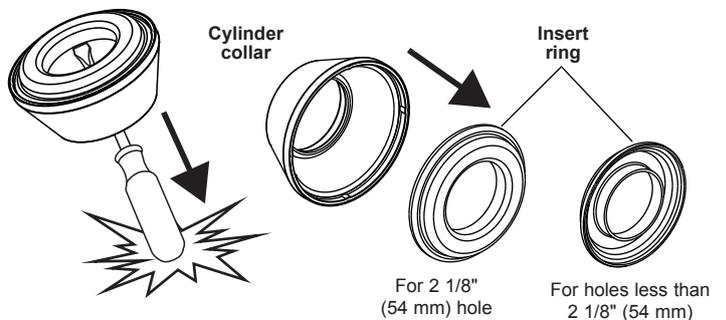
- b. Interlock interior cylinder fork tailpiece (in vertical orientation) with the exterior cylinder tailpiece (in horizontal orientation)



- c. Insert two machine screws through the holes of the interior cylinder and thread into the treated holes of the exterior cylinder and tighten firmly.



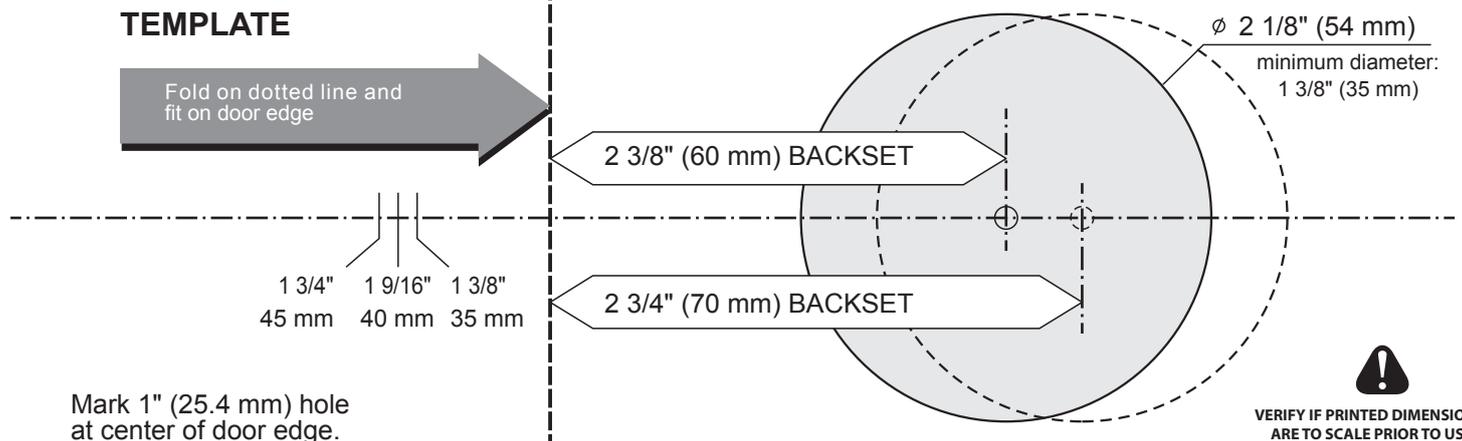
9. CYLINDER COLLAR CONVERSION



- a. Deadbolt is supplied with a cylinder collar to fit holes 2 1/8" (54 mm) diameter.
- b. For holes less than 2 1/8" (54 mm) diameter: remove insert ring using a screw driver as shown, flip insert ring and re-insert into the cylinder collar.

TEMPLATE

Fold on dotted line and fit on door edge



Mark 1" (25.4 mm) hole at center of door edge.

 VERIFY IF PRINTED DIMENSIONS ARE TO SCALE PRIOR TO USE