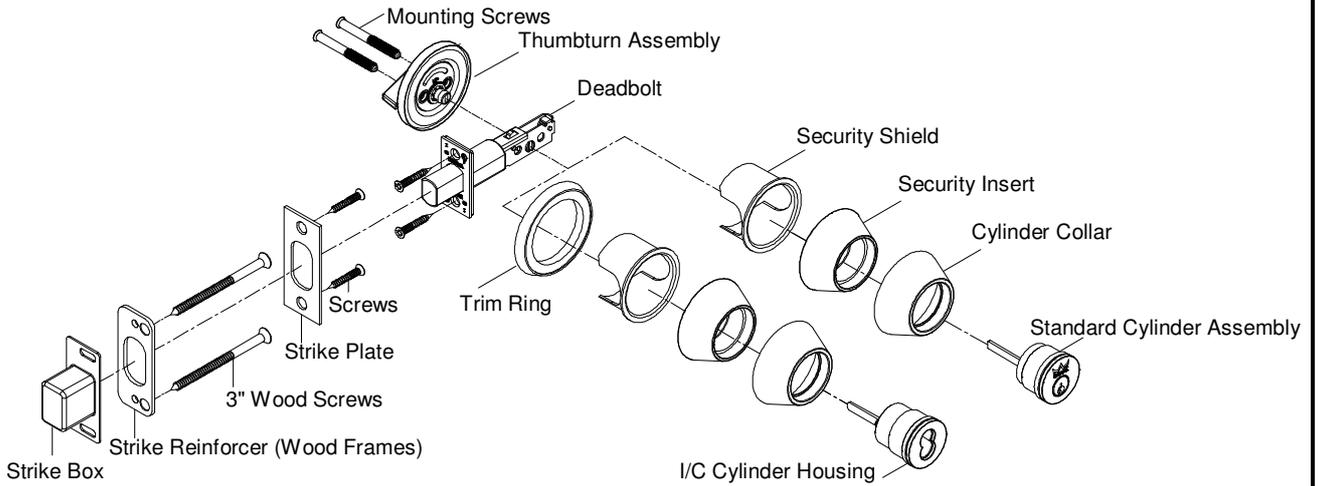


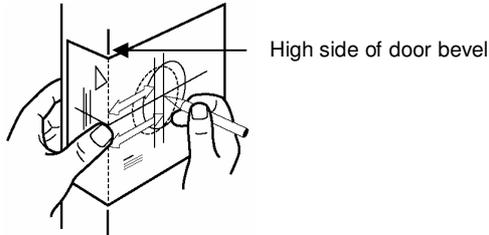


INSTALLATION INSTRUCTIONS-D860, 861, 862, 863 & 880



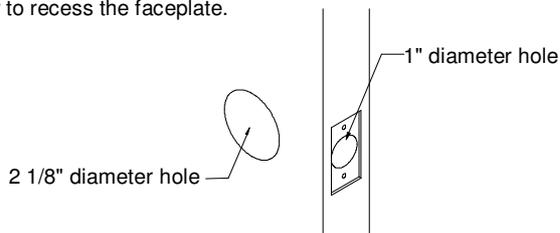
1 Mark door

- 1 Place template on door and mark center for 2 1/8" hole at desired backset.
- 2 Template should be placed on high edge of beveled door edge.



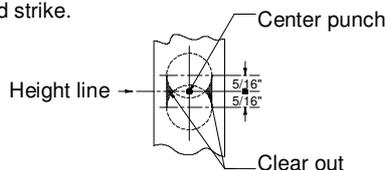
2 Bore two holes

- 1 Bore a 2 1/8" diameter hole. To avoid splintering a wood door, bore the hole from both sides of door.
Note : If there is an existing 1 1/2" diameter cross bore, there is no need to re-drill cross bore. 1" diameter edge hole must be drilled 4" deep to accommodate deadbolt.
- 2 Drill a 1" diameter hole from the edge of door that intersects the 2 1/8" hole.
- 3 Using the deadbolt faceplate as a guide, mortise the edge of door to recess the faceplate.



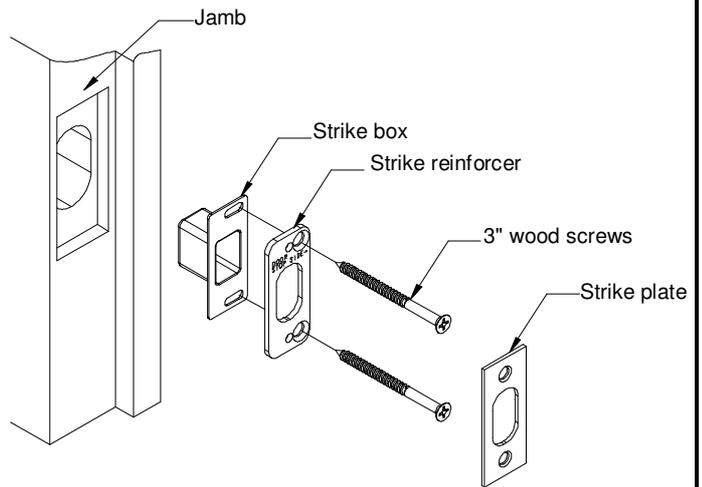
3 Prepare door jamb

- 1 Locate exact center of bolt and mark center lines on jamb as shown.
- 2 Mark drill points 5/16" above and below horizontal center line.
- 3 Bore two overlapping 7/8" holes, 1 1/8" deep.
- 4 Clean out holes for strike box and place strike box in hole.
- 5 Place strike over box and trace for cutout.
- 6 Chisel about 1/4" deep for flush fit of strike box, strike reinforcer and strike.



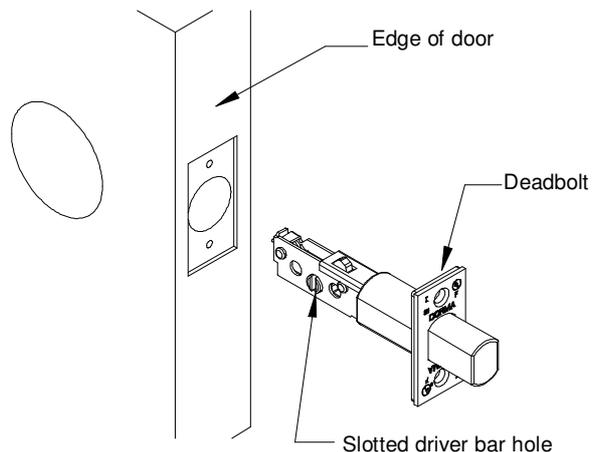
4 Install strike plate

- 1 Place strike reinforcer with screw holes toward doorstop.
- 2 Mark and drill two 3/16" holes for 3" wood screws.
- 3 Install strike reinforcer, strike box, and finish strike in the order shown.



5 Install deadbolt assembly

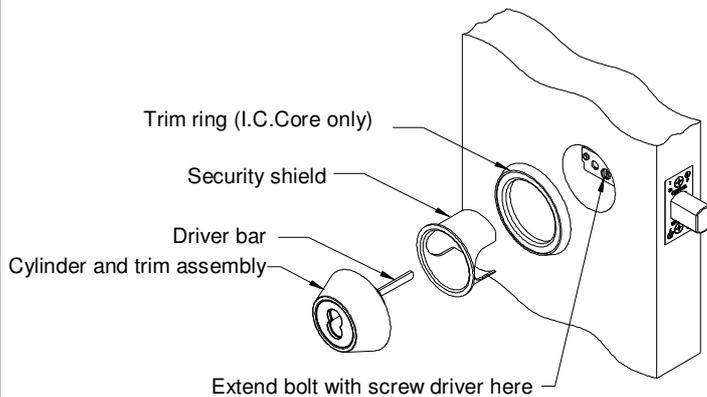
- 1 Insert the deadbolt with slotted driver bar hole at the bottom of the assembly.
- 2 Secure the deadbolt to the door with screws.



6 Install cylinder(s)

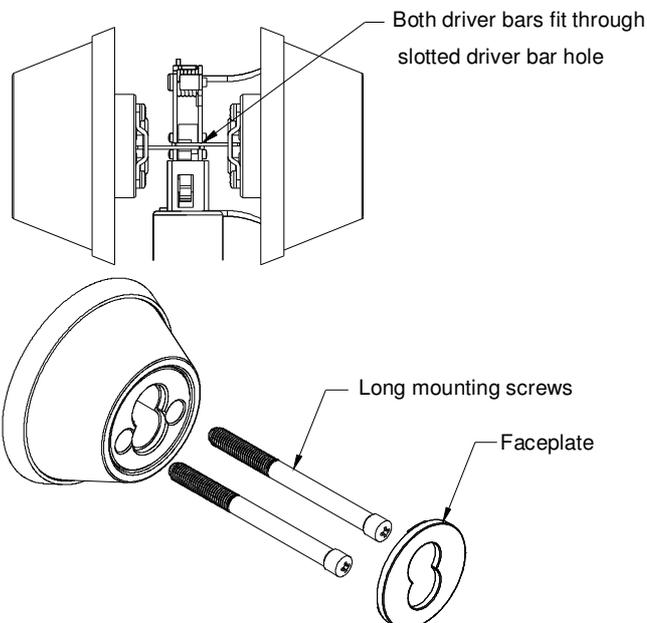
For single cylinder deadbolts:

- 1 Extend the bolt with a screwdriver.
- 2 Place security shield in hole. **Note** : Do not use security shield in existing 1 1/2" hole installation.
- 3 Install the cylinder and trim assembly with the driver bar in the vertical position.



For double cylinder deadbolts:

- 1 Extend the bolt with a screw driver.
- 2 Install each cylinder with its ring and rose. Place security shield in hole. **Note** : Do not use security shield in existing 1 1/2" hole installation.
- 3 Insert long mounting screws and tighten.
- 4 **Check to make sure the deadbolt operates properly.**
- 5 Insert the faceplate.



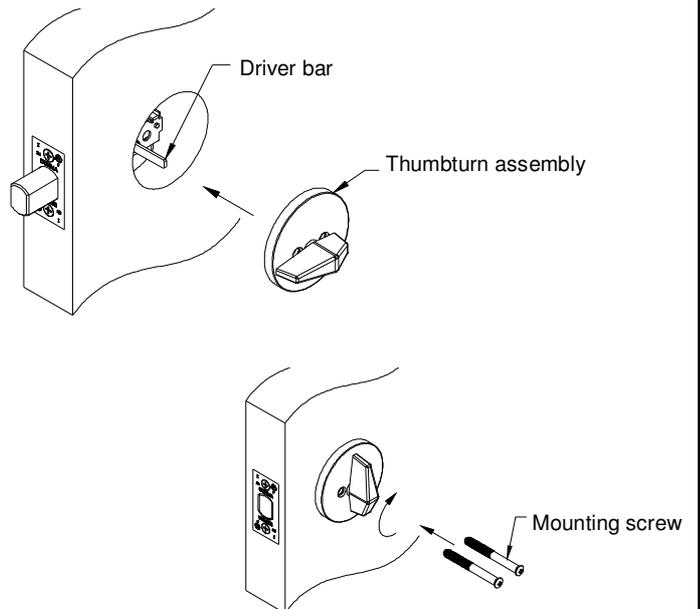
Note 1 : Mount cylinders on the doors so that the mounting screws enter from the inside of the door.

2 : Both driver bars must fit through the driver bar hole in the deadbolt assembly.

Caution : Double cylinder locks are operated by key only and may hinder emergency exit . Check for applicable fire codes and / or life safety codes before installing double cylinder deadbolt .

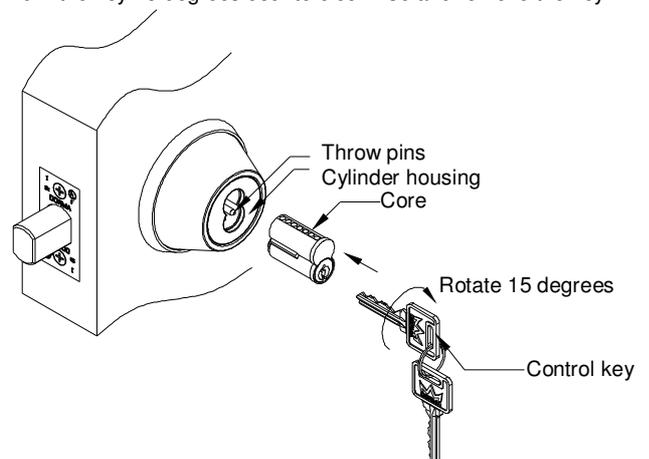
7 Attach inside trim

- 1 With the driver bar in the vertical position, slide the thumbturn assembly over the driver bar.
- 2 Rotate the thumbturn assembly retracts deadbolt.
- 3 Secure the thumbturn assembly and the cylinder to the door with the mounting screws supplied.
- 4 Test lock with key and thumbturn. Bolt must travel and project fully into strike preparation without binding.



8 Install core(s)

- 1 Put the control key into the core and turn the key 15 degrees clockwise.
- 2 Adjust the throw pins if needed, then put the core into the cylinder housing with the control key.
- 3 Turn the key 15 degrees counterclockwise and remove the key.



Patents :

Products are protected by one or more of the following U.S. patents: 5713231. Other patents pending.