



WATER STREET  
BRASS

## Latch x Auxiliary Deadbolt Escutcheon Assembly Installation

### PREPARE THE DOOR

These instructions are for the installation of a passage latch and an auxiliary deadbolt on an escutcheon plate.

1. If your door is not pre-drilled for the latch and auxiliary dead bolt, use the provided template for the bolt. Mark hole locations on the door.

It is a good idea to lightly pencil a backset line on the interior side of the door, parallel to the door edge. Your spindle and deadbolt holes will all fall on this line.

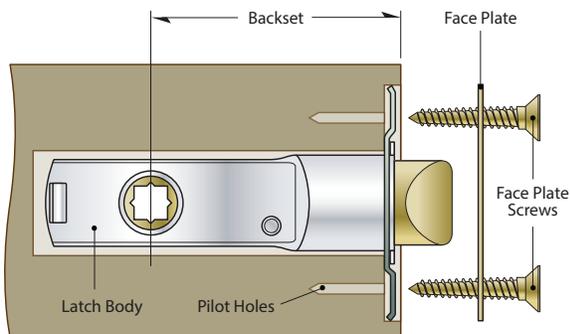
2. Using the drill & bore sizes specified on the template, carefully drill the door. A minimum 1-5/8" cross bore is required to accommodate the toggle mechanism on the deadbolt.

### INSTALL THE LATCH & ESCUTCHEONS

3. Install the latch body and face plate into the door and secure loosely with the screws provided. Do not tighten completely at this time. You will need to check alignment and function after it has been installed.

### CHECK ALIGNMENT AND FUNCTION

4. Begin by inserting the spindle into the latch body. You will begin with the interior plate assembly, which should have the knob/lever attached.



Make sure the spindle is centered in the latch body. **To prevent binding, we recommend the grooves in the spindle be facing up, away from the set screws.**

While holding the spindle in place, slide the interior plate assembly onto spindle.

You may want to tighten the interior knob/lever set screw at this time.

### (THROUGH BOLT LOCATIONS)

If your plates are using through bolts instead of surface mount screws, you will need to mark the location for the screws and drill two 9/32" holes in the door. Use the screw holes in the interior plate to determine the location. These holes will be centered on the backset line.

5. Carefully slide the exterior plate assembly onto the exterior side of the door. With both plates in place, you can now test that the latch does not bind.

Once satisfied that the alignment is proper, you can now tighten the face plate screws on the latch.

### ATTACH THE PLATES TO THE DOOR

6. If the plates are surface mounted, mark the screw hole locations. Punch and drill pilot holes for all the surface mount screws and carefully install the screws.

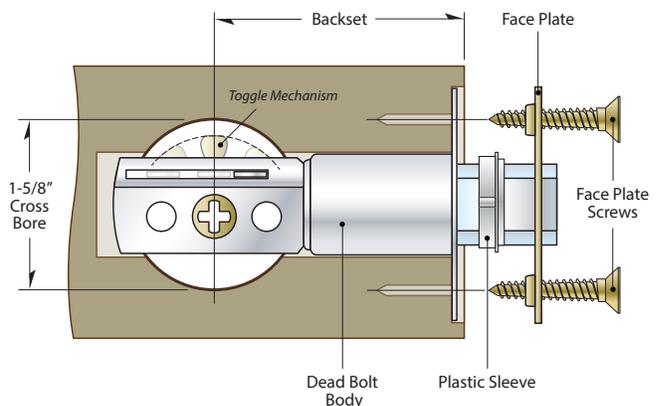
If through bolted, carefully tighten the through bolts until the plates sit firmly in place.

**NOTE: Never use power tools to tighten the through bolts! Too much torque will strip the mounting attachments from the exterior plate!**

Using the Allen Wrench provided, tighten the set screws on the knobs/levers firmly.

### INSTALL THE DEAD BOLT

7. Install the dead bolt body with the plastic sleeve and face plate into the door and secure with the face plate screws provided.



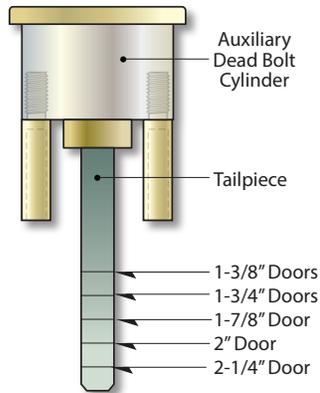


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8. Before installing the lock cylinder, the tailpiece will need to be cut to the proper length for the door thickness.

Use the scores on the tailpiece as a guide for cutting.

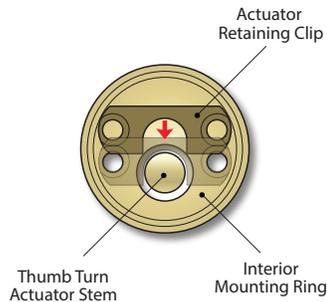
**Cladding or other factors may alter the door thickness. Always measure and double check dimensions before cutting.**



9. From the exterior side of the door, position the lock cylinder and the exterior blocking ring into the escutcheon plate. The tailpiece will slide through the dead bolt mechanism in the horizontal position.

**Note:** Doors under 1-3/4\"

10. Assemble the interior mounting ring. Slide the actuator stem through the back of the mounting ring, position the retaining clip down onto the groove in the stem, then insert the two machine screws provided.



11. Position the interior mounting ring assembly into the interior plate. The cylinder tailpiece will slide into the back of the thumb turn actuator. Install the two machine screws into the cylinder mounting attachments and tighten firmly.

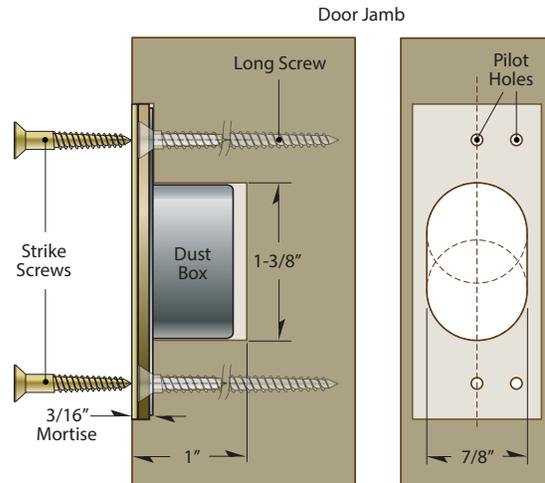
If there is any gapping or the screws do not tighten completely, there are two probable causes:

- The tailpiece is too long and needs additional trimming. See step 8.
- The screws are too long and they need to be cut down slightly.

12. Complete the installation by positioning the cover plate in the interior mounting ring. Position the thumb turn onto the actuator stem and firmly tighten the set screw.

## DOOR JAMB

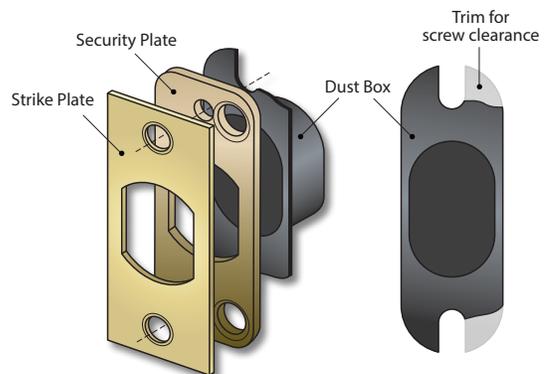
13. Carefully measure the jamb to determine the exact location that the lock bolt will land when the door is fully closed. Mark the location. Using the strike plate as a template, outline the shape and begin to mortise the door jamb 3/16\"



14. Mortise the dust box cavity as shown. Position the security plate in the jamb and mark the screw hole locations. Drill 1/8\"

**Note** The long screws should be positioned on the side of the plate closer to the center of the jamb.

15. Install the dust box and security plate. It will be helpful for you to trim the wings on the dust box so the long security screws pass through into the jamb and wall stud beyond.

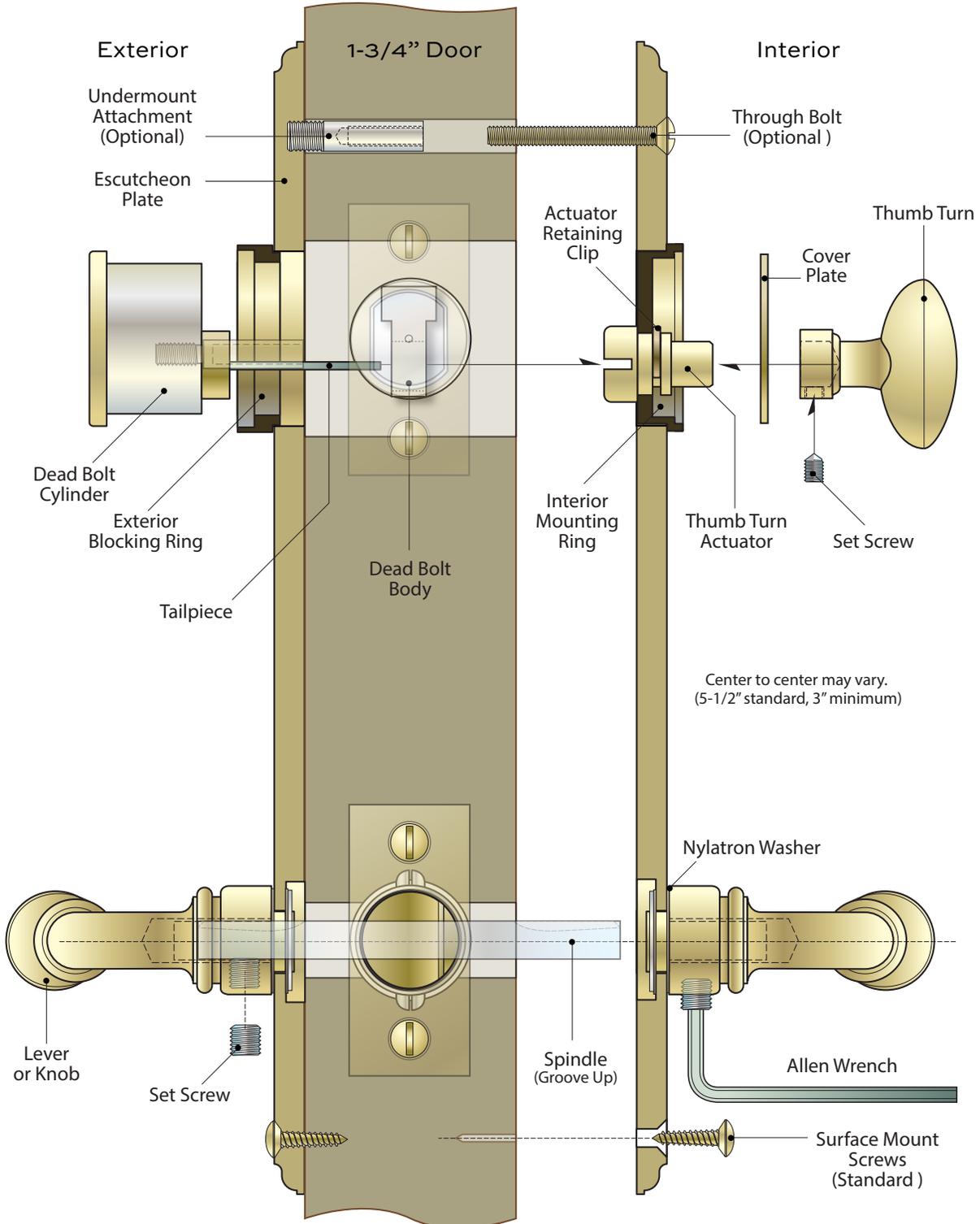


16. Finally, install the strike plate over top of the security plate, using the finished strike screws as shown.



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## ASSEMBLY CROSS SECTION



Drawing for reference only; Not to scale.  
Hardware may appear different than the drawings.