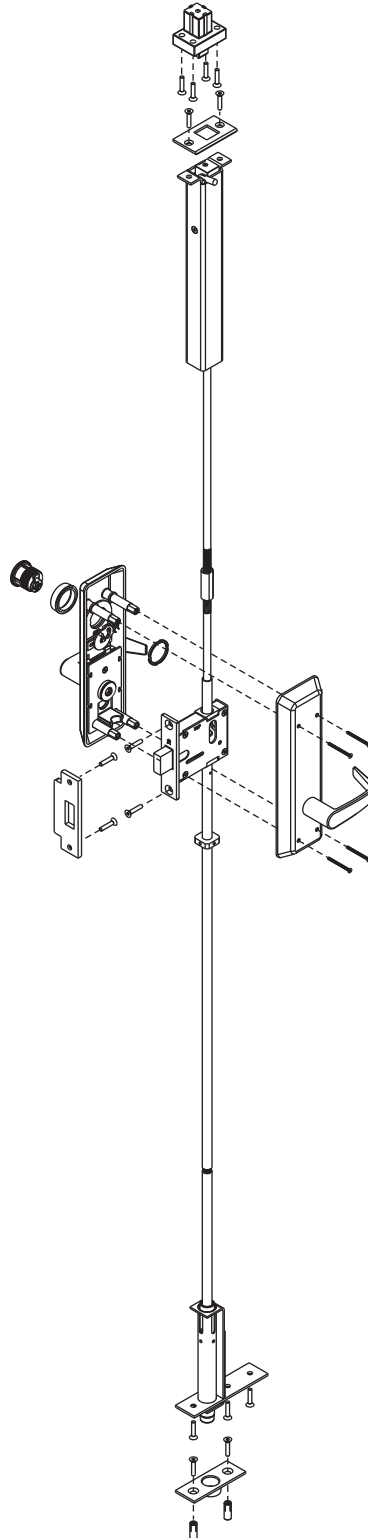




7380F Multi-Point Lock Installation Instructions



WARNING

Device will not operate if the distance from the bottom of the door to the center of the deadbolt and the distance from the center of the deadbolt to the center of the lower thru-bolt cutouts are not within the dimensions shown here.

CRITICAL DIMENSION!
40-1/16"

4-13/16"

Lower Thru-Bolt cutouts

**A LOCK IN condition can occur and
EMERGENCY EGRESS will be
prevented if critical dimensions are
not met.**

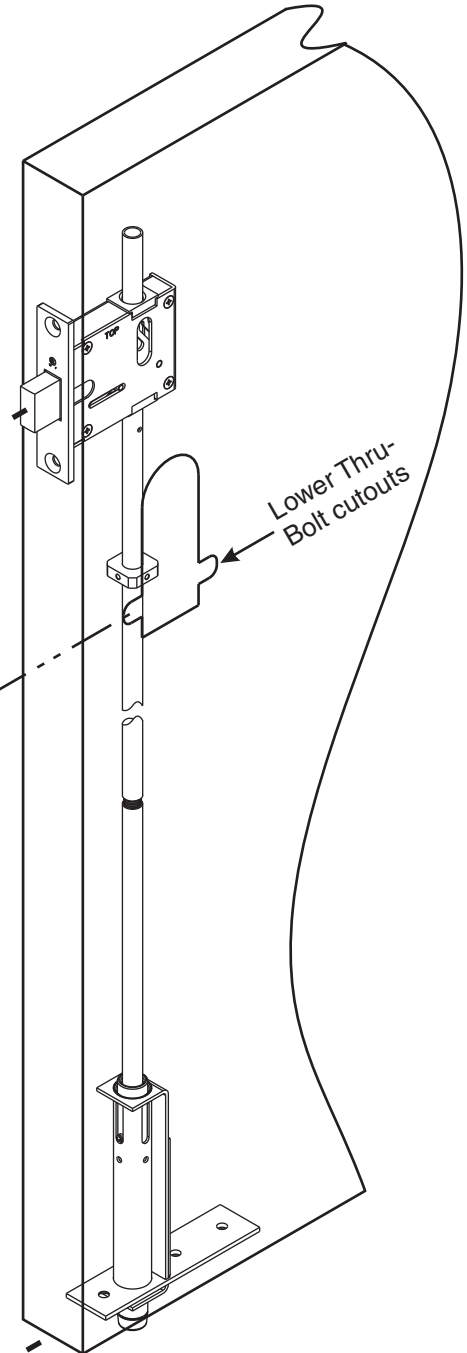
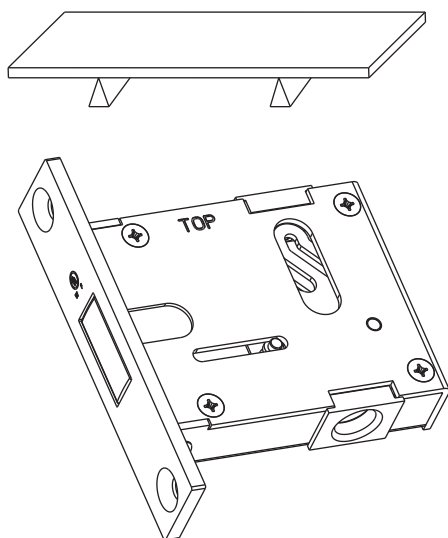


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This device MUST be used with the ASSA ABLOY severe windstorm rated door assemblies to comply with FEMA 320 and 361 guidelines.

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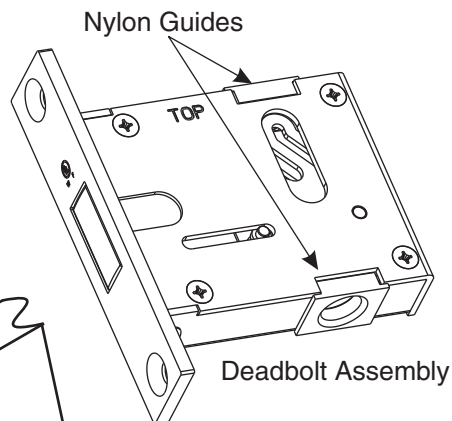
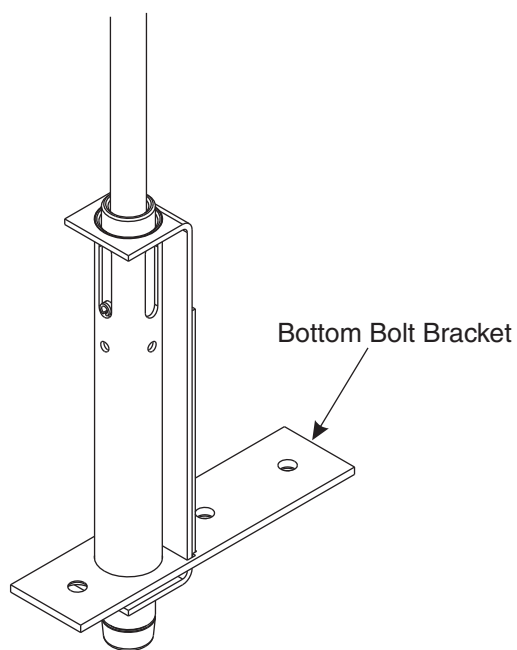


Step 1: Installing the Deadbolt Assembly

- Measure distance from bottom of door to center of deadbolt. If NOT 40-1/16" correct the door before continuing (See page 2).
- Measure distance from center of deadbolt to center of lower thru-bolt cutouts. If NOT 4-13/16" correct the door before continuing (See page 2).
- Place the door on a horizontal surface with the inside face of the door up.
- Insert the Assembly into the lock pocket provided in the door. Note the orientation of the lock, the top of the case indicates that this should be toward the top of the door.
- Assemble the Lock to the edge of the door using (2) 1/4"-20 x 1" Flat Head Cap Screws.
- *Deadbolt should be retracted for assembly.*

Step 2: Installing the Bottom Bolt Assembly

- Slide the Bottom Bolt Sub Assembly into the prep. hole in the bottom of the door. As you guide the assembly up into the door you will need to align the top of the rod and guide it into the bottom nylon guide of the Deadbolt Assembly and then up through the top nylon guide.
- Seat the bracket of the bottom bolt against the door's lower reinforcement plate.
- Fasten the assembly to the bottom of the door using (3) #12-24 x 1" Flat Head Cap Screws.



WARNING:

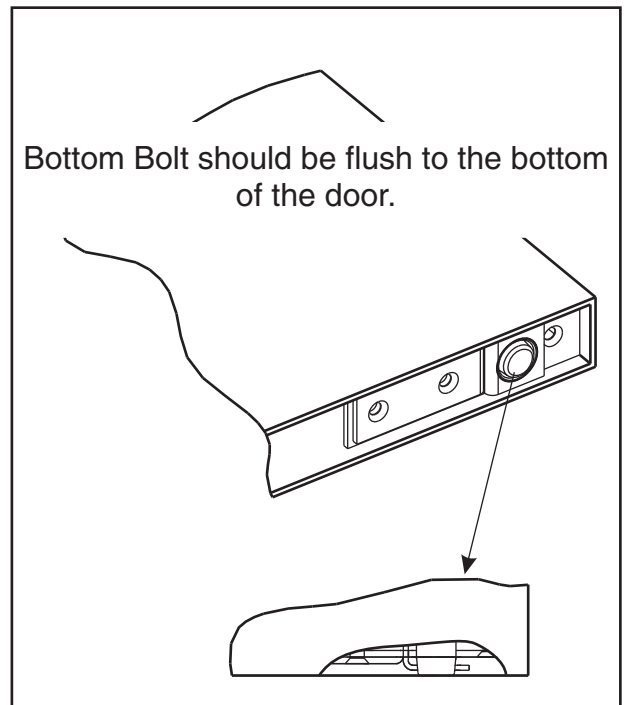
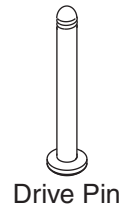
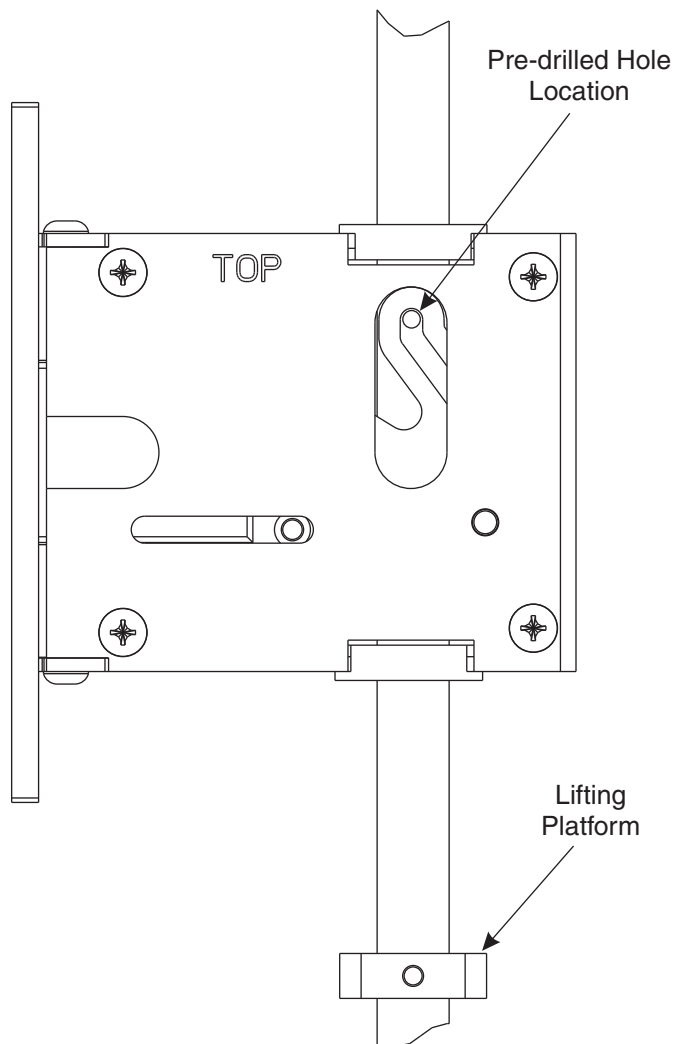
Device will not operate if the distance from the bottom of the door to the center of the deadbolt is not 40-1/16" and the distance from the center of the deadbolt to the center of the lower thru-bolt cutouts is not 4-13/16".

Step 3: Aligning the Bottom Bolt

- Insert the drive pin into the pre-drilled hole. Push the lifting platform toward the Deadbolt Assembly until it stops and check the bottom bolt's position. It should be flush to the bottom of the door.
- If the bottom bolt is not in the position shown, remove the drive pin and rotate the lifting platform counter-clockwise to retract the bottom bolt and clockwise to extend the bottom bolt.
- Insert the drive pin and recheck the bottom bolt's position.

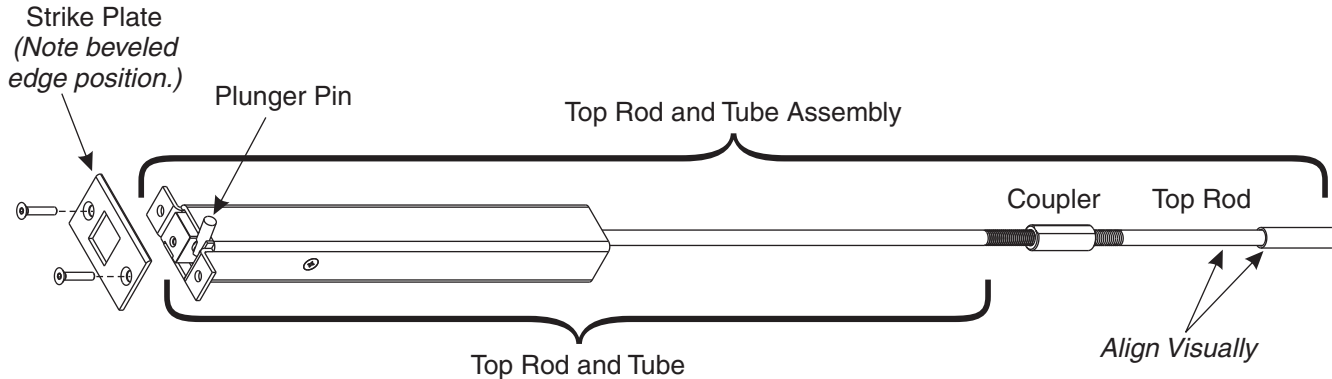
NOTE: One full turn of the lifting platform results in a 1/16" adjustment. Repeat until the bottom bolt is flush to the bottom of the door.

- Remove the drive pin for the next step.

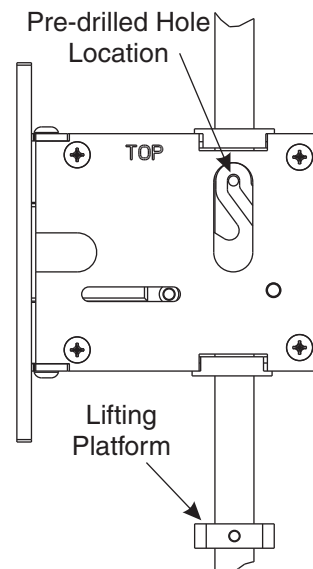
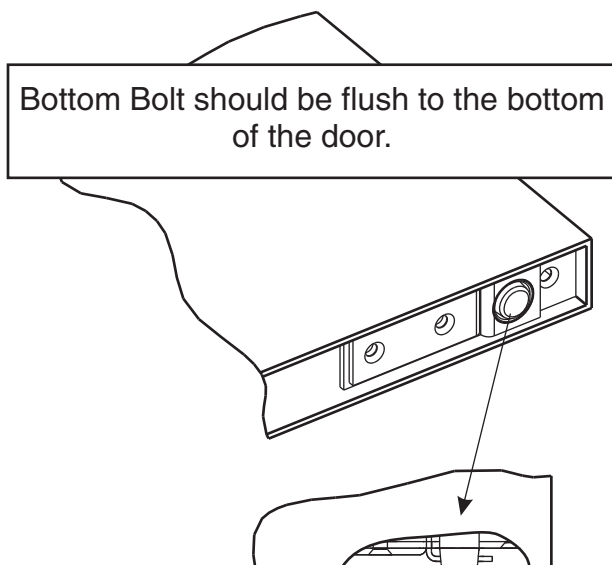


Step 4: Installing the Top Bolt Assembly

- Assemble the preassembled Coupler and Top Rod to the Top Rod & Tube by threading the Coupler onto the Rod of the Top Rod & Tube. Slide this assembled unit into the prep at the top of the door making sure the Plunger Pin is oriented with the clearance slot on the stop side of the door.
- Visually align the Top Rod so that it enters the tube of the Bottom Bolt Sub Assembly that extends out of the Deadbolt Assembly.
- Fasten the Top Rod and Tube Assembly and Strike Plate to the top of door using (2) #12-24 x 1" Flat Head Cap Screws. (See the illustration below.) Use a #8-32 screw threaded into the pusher to pull the pusher out as far as it will go. (See Fig 1 on page 7.)

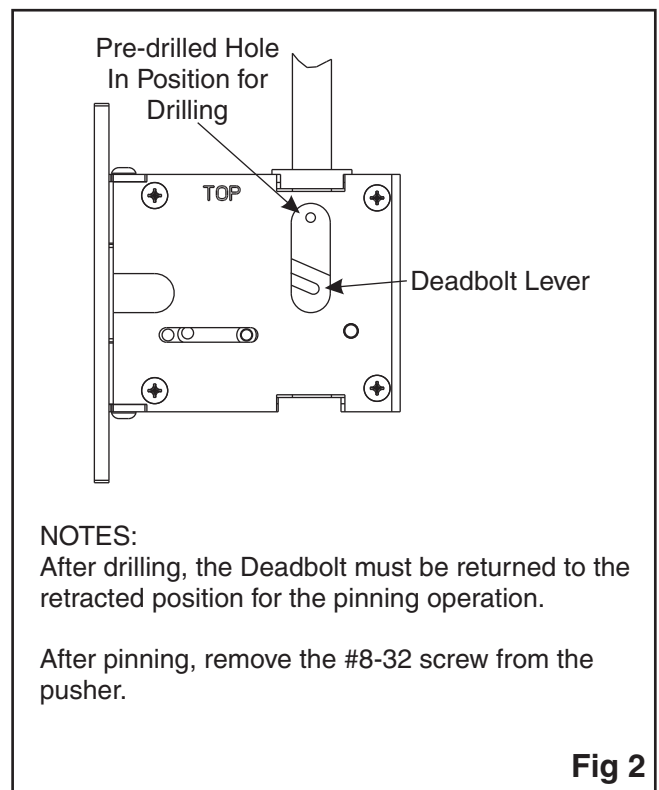
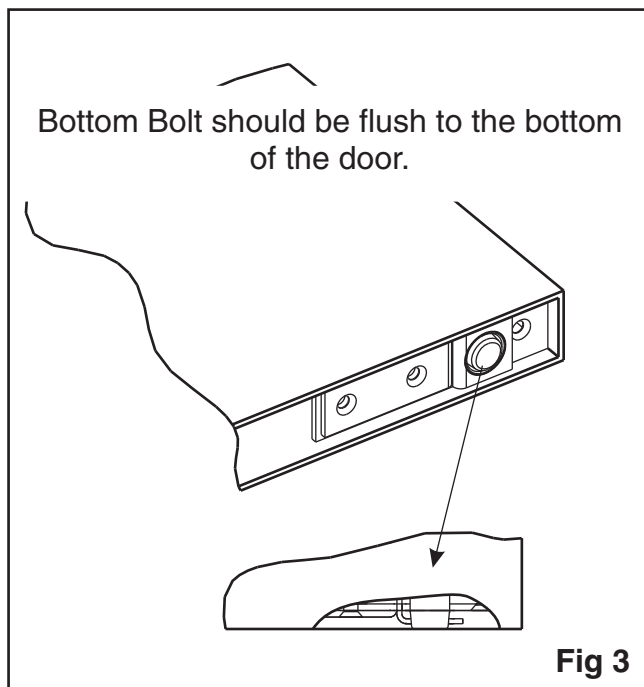
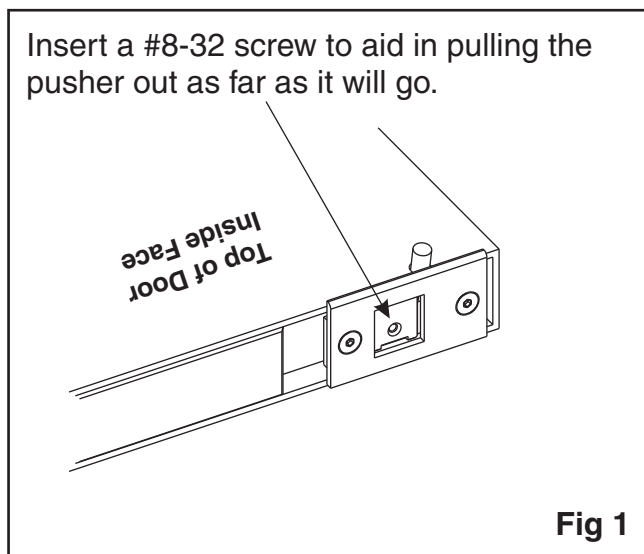


- To prepare for drilling and final pinning, check the bottom bolt. It should be flush to the bottom of the door.
- Make sure the Deadbolt is retracted then position the pre-drilled hole in the Bottom Bolt Assembly as shown. Adjustment is made by rotating the Lifting Platform counter-clockwise to move the pre-drilled hole down and clockwise to move the pre-drilled hole up. After adjustment, recheck the location of the bottom bolt making certain that it did not move.



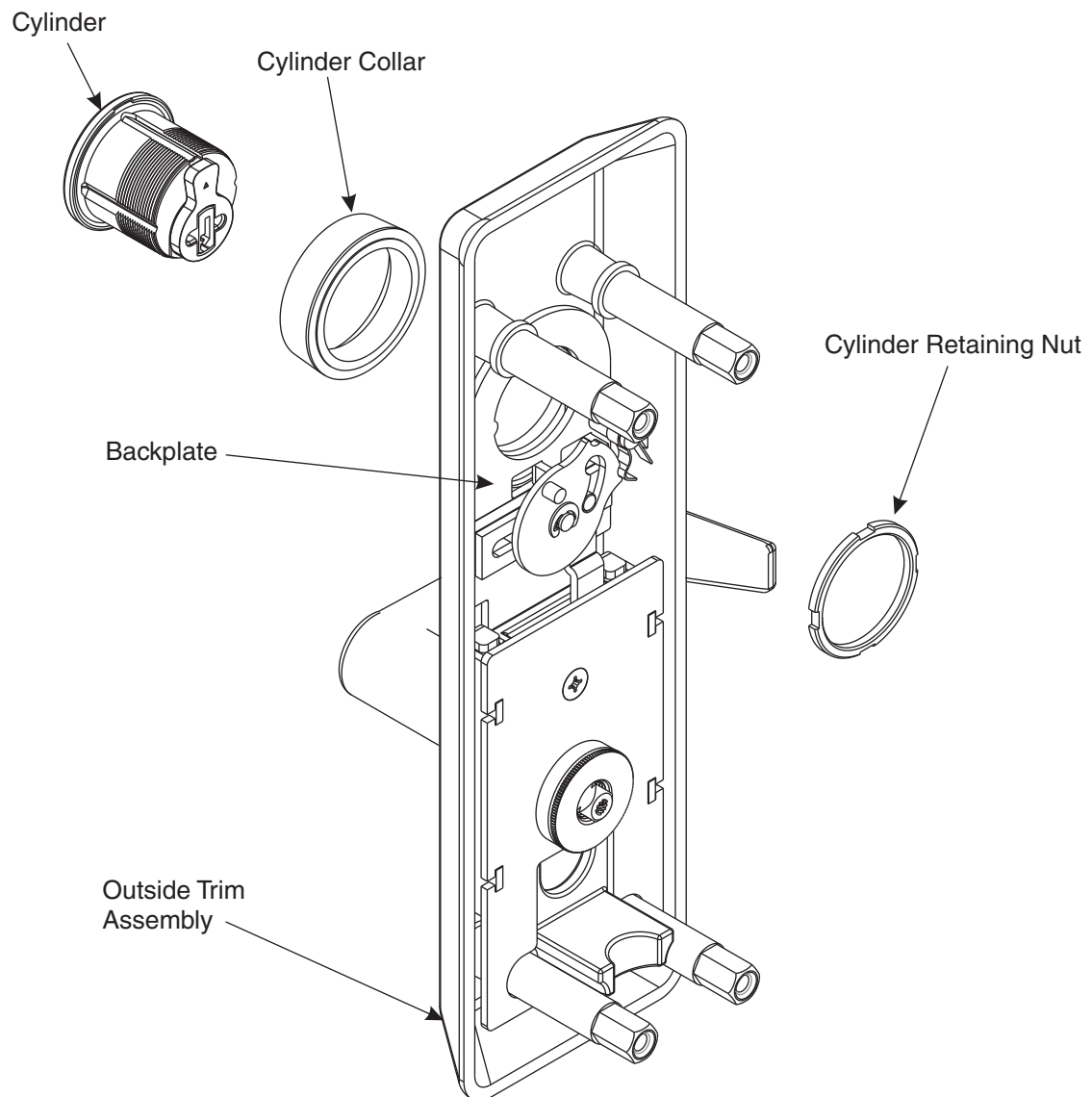
Step 5: Aligning the Three Assemblies in Preparation for Drilling and Pinning

- Check the position of the strike plate and pusher. The pusher must be out as far as it will go. (See Fig 1)
- To prepare for drilling, actuate the deadbolt lever to project the Deadbolt. This will allow better access to the pre-drilled hole and avoid damage to the linkage. (See Fig 2)
- Check Bottom Bolt position see Fig 3.
- Using the pre-drilled hole as a guide, drill a 1/8" hole through the top rod perpendicular to the door face. Clear any chips as a result of drilling. Retract the deadbolt before pinning.
- Insert the drive pin from the underside of the door through the actuating slot in the deadbolt linkage into the drilled hole and out thru the deadbolt linkage.
- Secure with the spring washer. Make certain this connection allows the linkage to move freely.



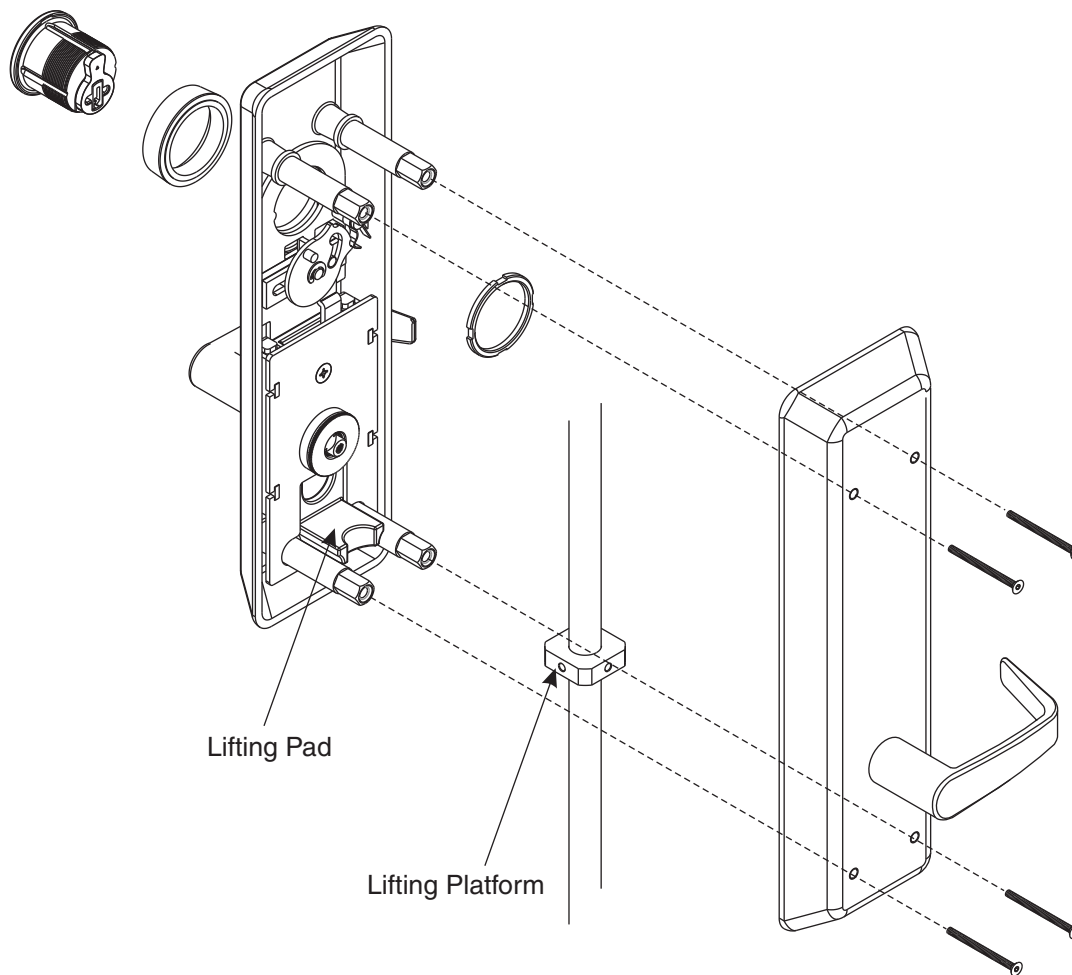
Step 6: Installing the Cylinder in the Outside Trim

- Insert the Cylinder into the Cylinder collar.
- Place the cylinder retaining nut against the backplate of the outside trim assembly.
- Feed the cylinder and cylinder collar into the cylinder hole of the escutcheon and screw it into the cylinder retaining nut.
- When the cylinder is fully seated with the cam straight up as shown, secure it to the escutcheon by tightening the cylinder retaining nut.



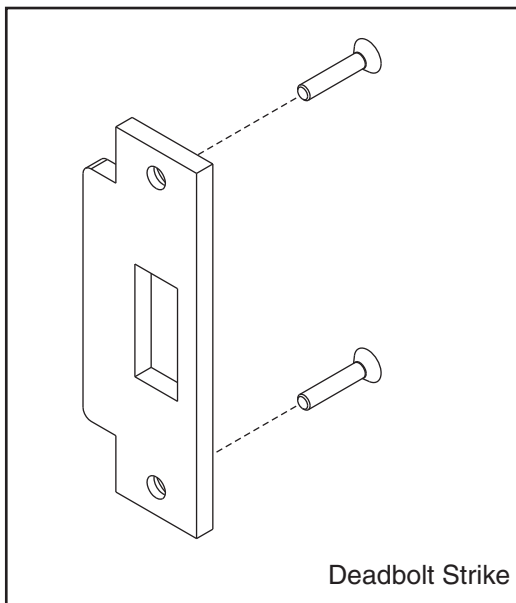
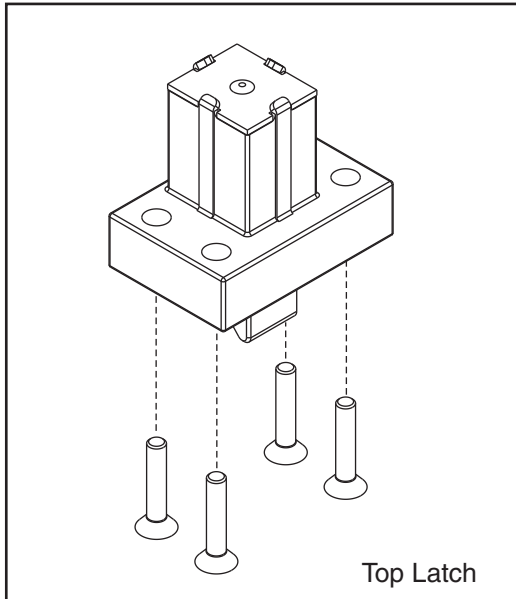
Step 7: Installing the Inside and Outside Trim

- Install the outside trim by inserting it from underneath the door (outside face).
- As it enters the door cavity the lifting pad in the escutcheon will rest on the underside of the lifting platform.
- Press the outside escutcheon against the door surface.
- Install the inside trim by placing it over the door prep and positioning the lifting pad of the inside trim below the lifting platform.
- Visually align the mounting holes of the inside escutcheon to the mounting posts from the outside escutcheon.
- Insert 4 mounting screws #12-24 x 1-1/2" and tighten screws.



Step 8: Assembling the Top Latch and Deadbolt Strike to the Frame

- Assemble the Top Latch into the top of the frame using (4) 1/4-20 x 1" Flat Head Cap Screws. The angled surface should face the door.
- Assemble the Deadbolt Strike to the frame using (2) 1/4-20 x 1" Flat Head Cap Screws.

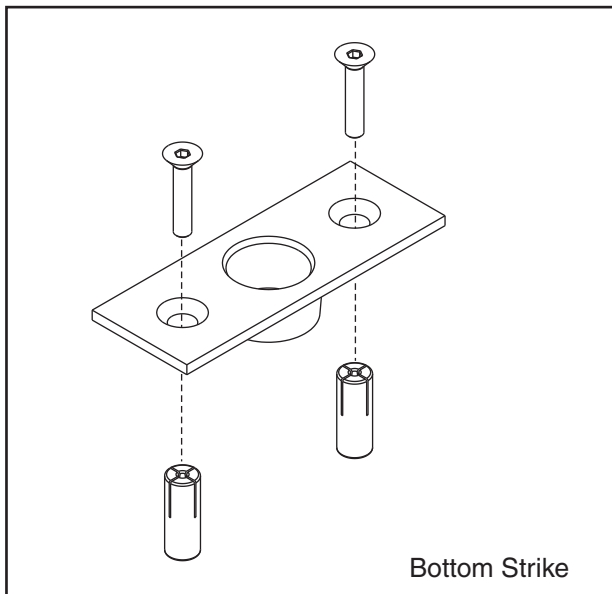


Step 9: Assembling the Door To the Frame

- Assemble the door into the frame assembly and shim for proper door gap and for door being square and plumb.

Step 10: Positioning and Installing the Bottom Strike

- Close the door and use the bottom bolt as a guide to trace the location for the clearance hole for the boss of the Bottom Strike.
- Open the door and drill a clearance hole for the 1-1/8" diameter boss on the Bottom Strike.
- Place the boss of the Bottom Strike into the clearance hole and use the Bottom Strike as a template to mark the position for the (2) 1/4-20 x 1" Anchors and outline the rectangular shape of the Bottom Strike.
- Drill the holes for the anchors.
- Prepare a rectangular recess for the 1/8" thick Bottom Strike.
- Insert the masonry anchors into the concrete sill.
- Fasten the Bottom Strike to the sill using (2) 1/4-20 x 1" screws.





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