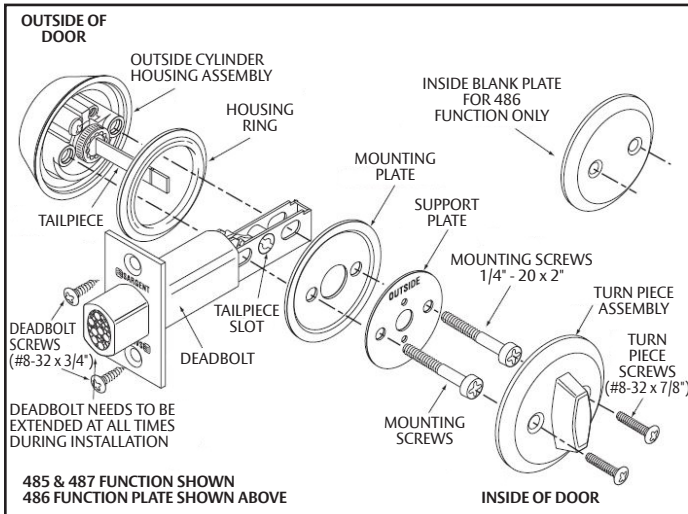


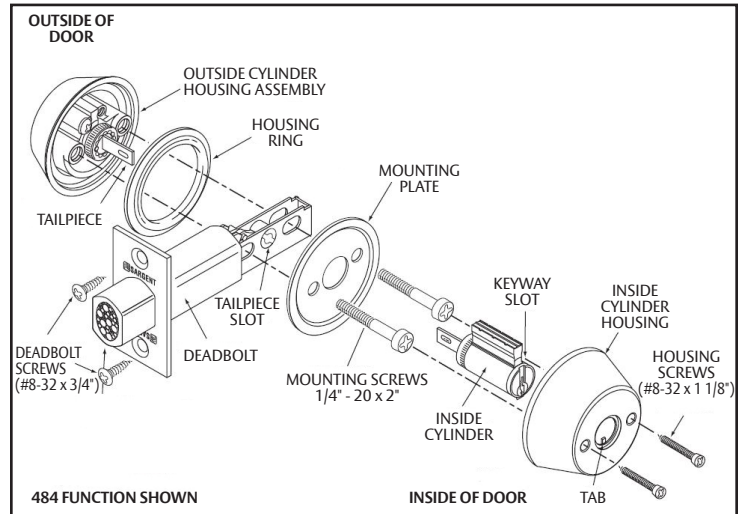
Installation Instructions 480 Series Cylindrical Deadbolt

Auxiliary Locks

SARGENT
ASSA ABLOY



Single Cylinder Application



Double Cylinder Application

1

Prepare Door and Install Deadbolt and Outside Assembly

a. Mark Holes

Using enclosed template, mark door as illustrated at desired lock height and correct backset. (See Figure 1).

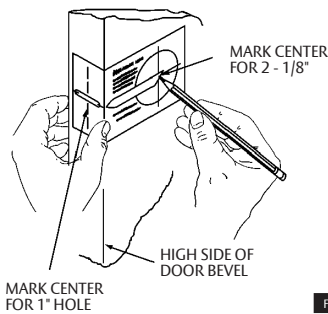


Figure 1

b. Bore Two Holes

Drill 2-1/8" hole through both sides of the door as shown. 1" diameter hole into front face of the door. The holes must be perpendicular. (See Figure 2).

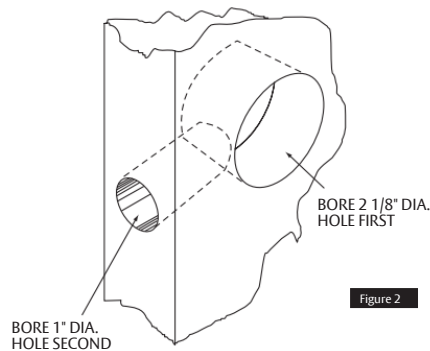


Figure 2

c. Install Deadbolt

- Insert deadbolt in hole, keeping it parallel to face of the door and scribe line around face plate.
- Remove deadbolt and chisel out scribed area to depth of 5/32" or until face is flush with door edge.
- Insert deadbolt with bolt extended and fasten with two deadbolt screws (#8-32 x 3/4"). (See Figure 3).

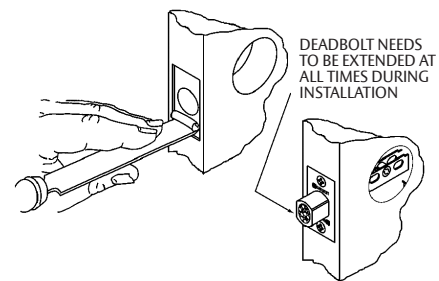


Figure 3

d. Install Outside Assembly

- With deadbolt extended, install cylinder housing without key and cylinder tailpiece in line with tailpiece slot. (See Figure 4).
- Measure door thickness.
- If the tailpiece needs to be shortened, grip the tailpiece with pliers on both sides of the score mark and twist to break off. (See Figure 5).

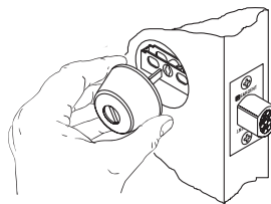


Figure 4

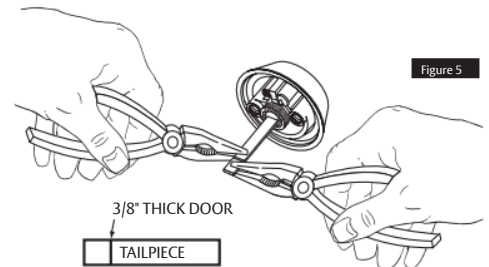


Figure 5

⚠ WARNING

This product can expose you to lead which is known to the state of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65warnings.ca.gov.

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e. Attach Inside Trim (Figure 6)

- Position mounting plate on door inside of the hole.
- Insert support plate and tighten with two 1/4" -20 machine screws.
- Place turn piece assembly onto tailpiece and align screw holes. Fasten with two turn piece screws.

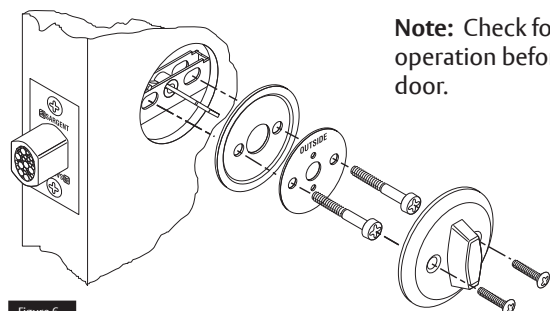


Figure 6

Note: Check for proper operation before closing door.

f. Install Strike on Door Jam

Fasten strike with 3/4" long screws. (See Figure 7).

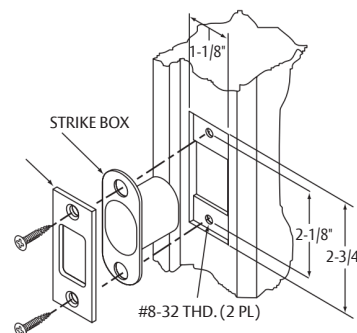


Figure 7

a. Prepare Door And Install Outside Assembly Same As Steps 1a., 1b., 1c., and 1d.**b. Install Inside Components (Figure 8)**

- Position mounting plate in the hole. Insert and tighten with 1/4" -20 screws.
- Insert inside cylinder tailpiece through mounting plate into tailpiece slot so that tailpieces meet with flat sides
- Place inside cylinder housing over cylinder and make sure that tab is engaged in key way slot.
- Insert key and turn until screw holes are exposed.
- Fasten with two screws.
- Return key to vertical position and remove key.

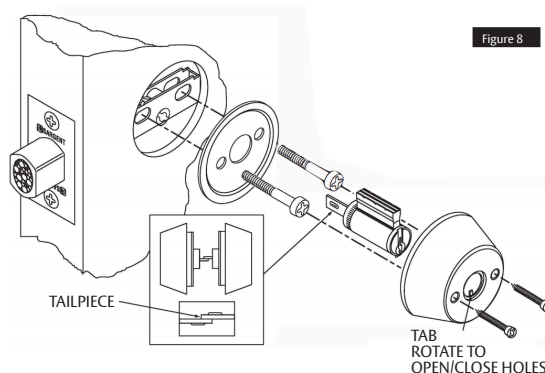


Figure 8

- All locks are preset for 1-3/4" door thickness. For 1-3/8" doors, substitute with shorter tailpiece provided in poly bag.
- Depress spring pin and unscrew cylinder cap.
- Remove and replace tailpiece.
- Screw cylinder cap on to plug while holding spring pin depressed until the cap is tight, then back off one or two notches as required.
- Check cylinder for proper clearance. If cap is too loose, the key cannot be withdrawn and if too tight cylinder will bind. Make sure that spring pin is engaged with cylinder cap. (See Figure 9).

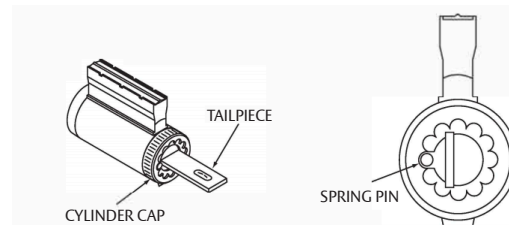


Figure 9

- Insert tailpiece into cam slot of deadbolt.
- Position mounting plate in the 2-1/8" hole.
- Secure with two 1/4" - 20 screws and support plate.
- Align outside blank rose with screws and tighten.
- Place turn piece assembly onto tailpiece, align screw holes.
- Fasten with two turn piece screws. (See Figure 10).

Note: Check for proper operation before closing door.

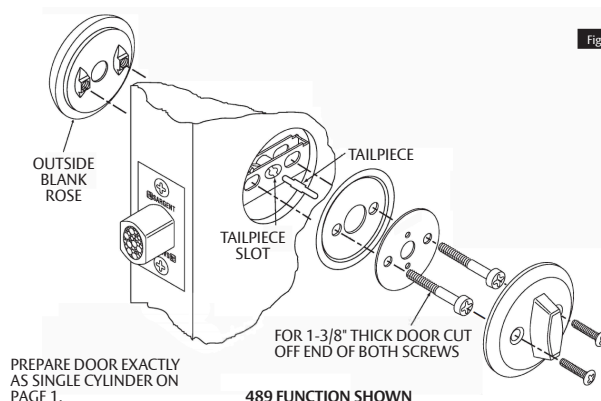


Figure 10

PREPARE DOOR EXACTLY AS SINGLE CYLINDER ON PAGE 1.

489 FUNCTION SHOWN