

INSTALLATION INSTRUCTIONS FOR 460 SERIES CYLINDRICAL DEADBOLTS

SINGLE / DOUBLE / INDICATOR

SARGENT

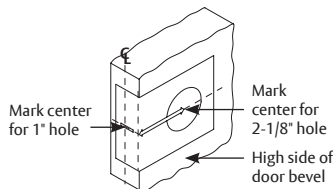
ASSA ABLOY

WOOD DOOR PREPARATION

1

MARK HOLES

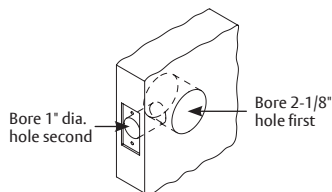
Using enclosed template, mark door as illustrated at desired lock height and correct backset.



2

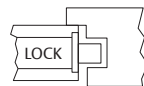
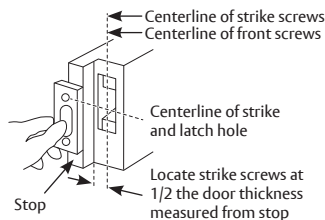
BORE TWO HOLES

Drill 2-1/8" hole through both sides of the door as shown and 1" dia hole into front face of the door. Be certain holes are perpendicular.



3

MORTISE FRAME FOR STRIKE

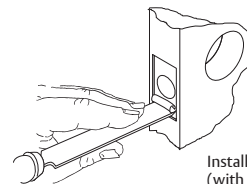


Even if strike box is not used, recess in jamb must be deep enough to allow bolt to extend its full length.

4

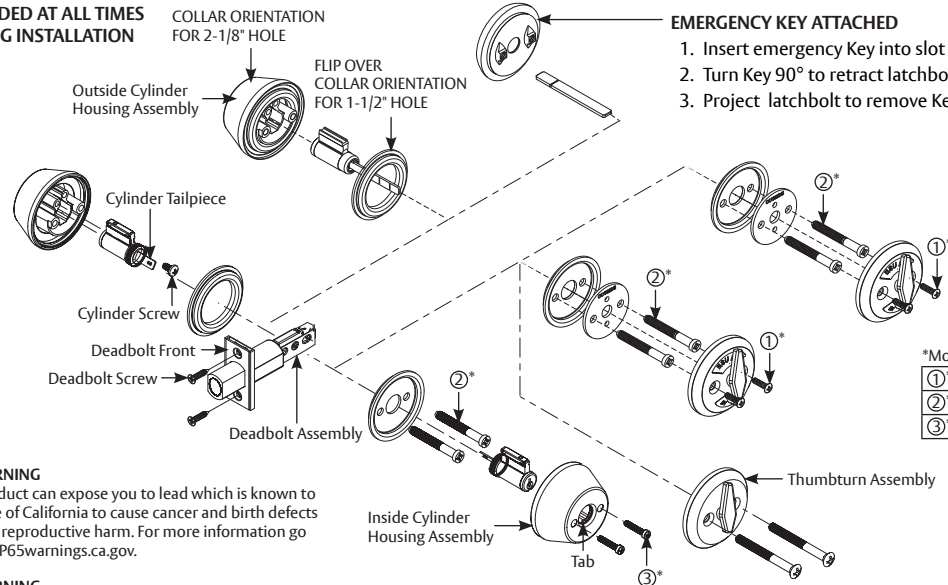
INSTALL DEADBOLT

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 and fasten with two screws.



Install 2 3/4" backset deadbolt (with fixed bevel) to suit door bevel. Deadbolt needs to be extended at all times during installation.

DEADBOLT NEEDS TO BE EXTENDED AT ALL TIMES DURING INSTALLATION



EMERGENCY KEY ATTACHED

1. Insert emergency Key into slot
2. Turn Key 90° to retract latchbolt
3. Project latchbolt to remove Key.



*Mounting Screws

①*	#8-32 x 7/8"
②*	1/4" -20 x 2"
③*	#8-32 x 1 1/8"

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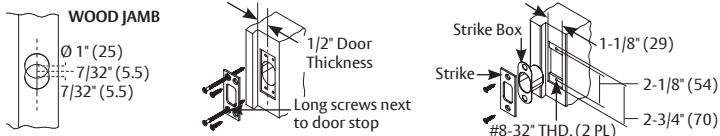
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5 INSTALL STRIKE ON WOOD JAMB

Mark jamb exactly opposite centerline of latch hole. Bore two 1" dia holes 7/32" above and below height line to a depth of 1-1/8". Mortise for strike and box strike. Install and fasten four screws as illustrated.

NOTE: Drill 1/8" dia. pilot holes for 3/4" long screws, and 5/32" dia. for 3" long screws.



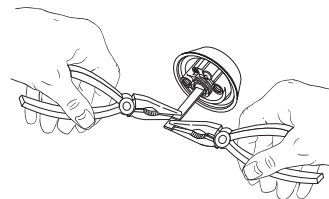
6 INSTALL OUTSIDE TRIM

Extend deadbolt. Install cylinder housing without key keeping cylinder tailpiece in line with cam slot.

TAILPIECE MODIFICATION
1-3/8" THICK DOOR



- 1) Measure door thickness.
- 2) If the tailpiece needs to be shortened; grip the tailpiece with pliers on both sides of the score mark and twist to break off tailpiece excess.

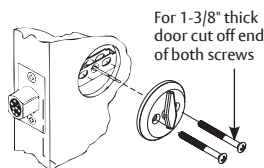


7 ATTACH INSIDE TRIM (SINGLE CYLINDER)

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

NOTE: Check for proper operation before closing door

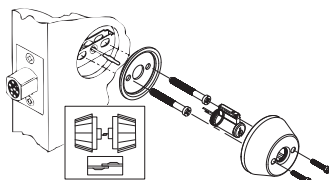
NOTE: Do not use a power driver to tighten Housing Screws, only use hand tool for tightening and adjustments.



8 ATTACH INSIDE TRIM (DOUBLE CYLINDER)

Insert inside cylinder tailpiece through mounting plate into cam slot making certain 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.

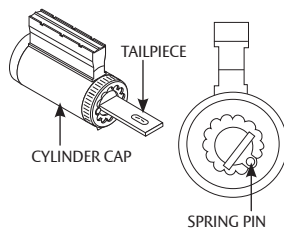


Position mounting plate in the hole. Insert and tighten with 1/4" screws.

HOW TO CHANGE TAILPIECE

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.

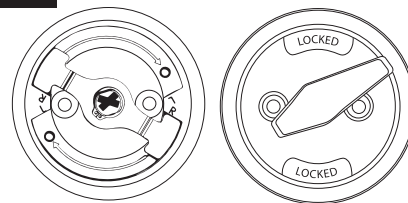
Check cylinder for proper clearance. If cap is too loose, the key cannot be withdrawn and if too tight, cylinder will bind. Make sure that spring pin is engaged with cylinder cap.



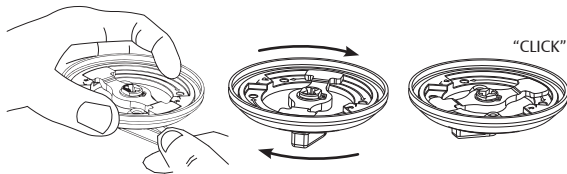
THUMBTURN INDICATOR RE-HANDING

RIGHT HAND SHOWN

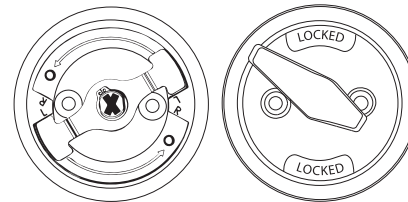
The thumbturn indicator is pre-configured for Right Hand doors. See next steps to change handing for Left Hand doors.



1 Position the inside thumbturn assembly as shown. While holding the ring in place. Push thumbturn in and rotate until the wheel clicks into the "L" (Left) on the opposite side.



2 Rotate thumbturn to verify the mechanism operates correctly.



LEFT HAND SHOWN