

5400LN Series Grade 1 Cylindrical Lever Lockset Installation Instructions

IMPORTANT: The accuracy of the door preparation is critical for the proper functioning and security of this lever handle lock. Misalignment can cause premature wear and tear and a lessening of security.

Tools Required

- 2-1/8" (54mm) hole saw chisel & hammer
- 1" (26mm) boring bit #2
 - #2 phillips screw driver
- 5/16" (8mm) drill bit
- handle removal tool (supplied)
 3/8" or 1/2" drill
- 7/64" (2.5mm) drill bit

Attention Installer

Installation of cylindrical locks and latches must be through bolted in all doors. If installation instructions are not followed this may result in damage to the lock and void the factory warranty. Any retrofit or other field modification to a fire rated opening can potentially impact the fire rating of the opening, and Yale Locks & Hardware makes no representations or warranties concerning what such impact may be in any specific situation. When retrofitting any portion of an existing fire rated opening, or specifying and installing a new fire-rated opening, please consult with a code specialist or local code official (Authority Having Jurisdiction) to ensure compliance with all applicable codes and ratings.

1. Mark door.

Mark horizontal line across edge of door. 40-5/16" (102cm) is the usual height above the floor. Fold template over edge of door, centering on horizontal line. Mark centers of holes at proper backset. For beveled and square edge doors, mark both sides of the door.

Note:

Be sure to verify backset before marking & drilling door.

Marker

Door

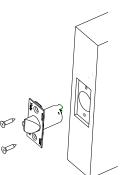
2. Drill door.

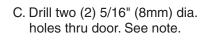
A. Drill 2-1/8" (54mm) dia. hole thru the door. Cut notches as shown on template. See note. (Except Dummy Trim)

B. Drill 1" (26mm) dia. hole in edge of door. Mortise for latch front 1-1/8" (29mm) wide x 2-1/4" (57mm) high x 5/32" (4mm) deep. (Except Dummy Trim)

3. Install latch.

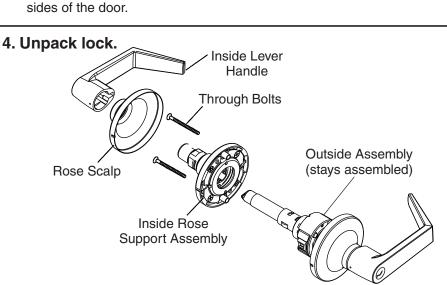
Insert latch in door. (Be sure bevel edge of bolt faces strike plate.) Attach with two screws supplied.





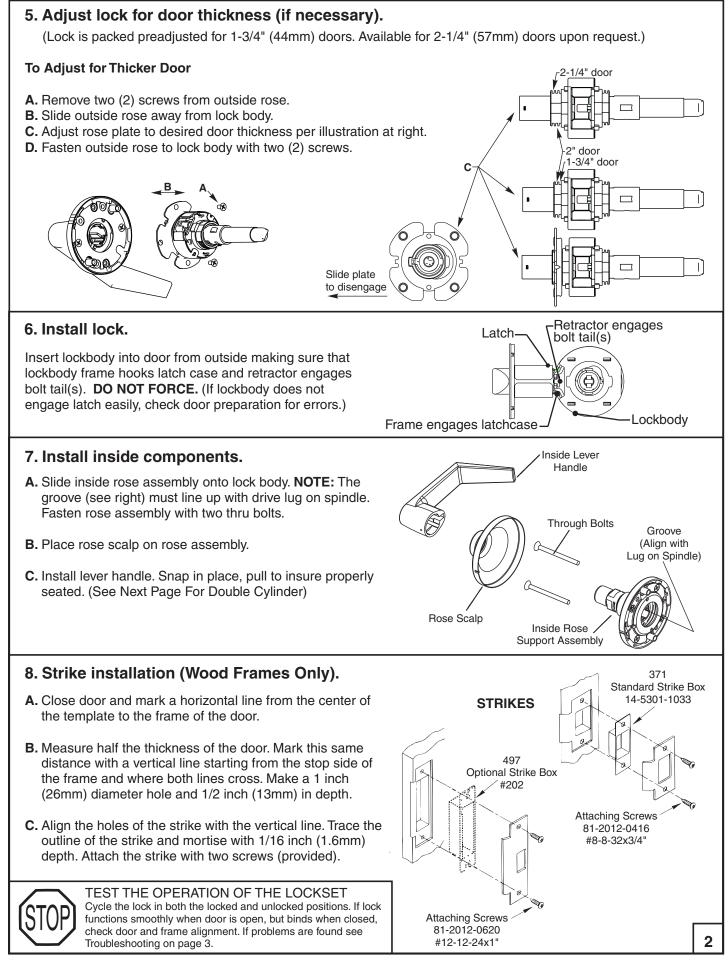
D. Drill pilot holes for latch screws. 7/64" (2.5mm) dia. (Except Dummy Trim)

Note: To avoid splintering wood doors, drill holes (A) and (C) from both sides of the door.



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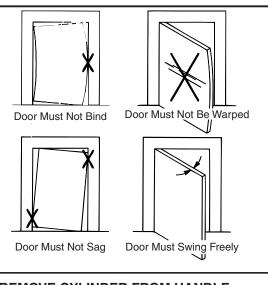


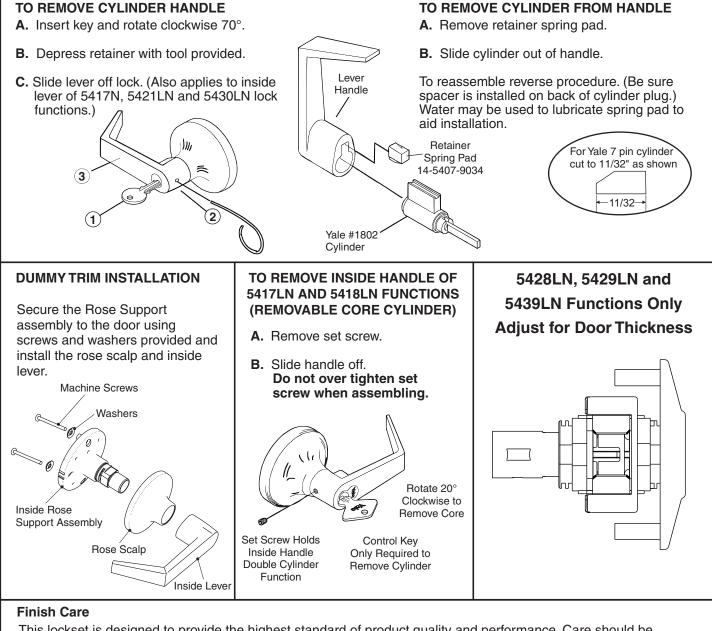
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Troubleshooting

- 1. Check door for proper installation (see pictures to the right). Verify 1/8" between the latch and strike.
- 2. Check hinges. They should not be loose or have excessive wear on knuckles.
- 3. If Latchbolt will not deadlock: Either strike is out of line or gap between door and jamb is too great. Realign strike or shim strike out towards flat area of latchbolt.
- 4. If Latchbolt does not retract or extend properly: Latchbolt tail and retractor may not be properly positioned. A. Remove lockset. Look through 2-1/8" hole and verify latchbolt tail is centered between top and bottom of hole.
 - B. Remove latchbolt and insert lockset. Look through latch hole and verify retractor mouth is centered in hole. Adjust outside rose plate if not. (See #5 on page 2)
 - C. Rebore holes if necessary to line up retractor and tail.

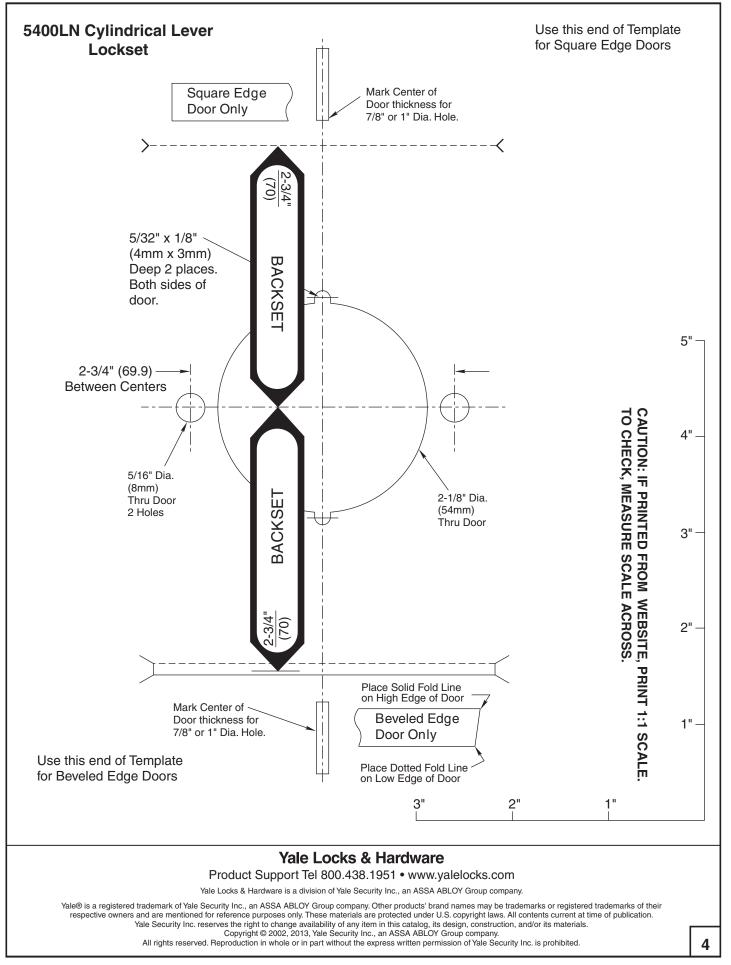
TO REMOVE CYLINDER HANDLE





This lockset is designed to provide the highest standard of product quality and performance. Care should be taken to insure a long-lasting finish. When cleaning is required use a soft, damp cloth. Using lacquer thinners, caustic soaps, abrasive cleaners or polishes could damage the coating and result in tarnishing.

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