

Installation Instructions



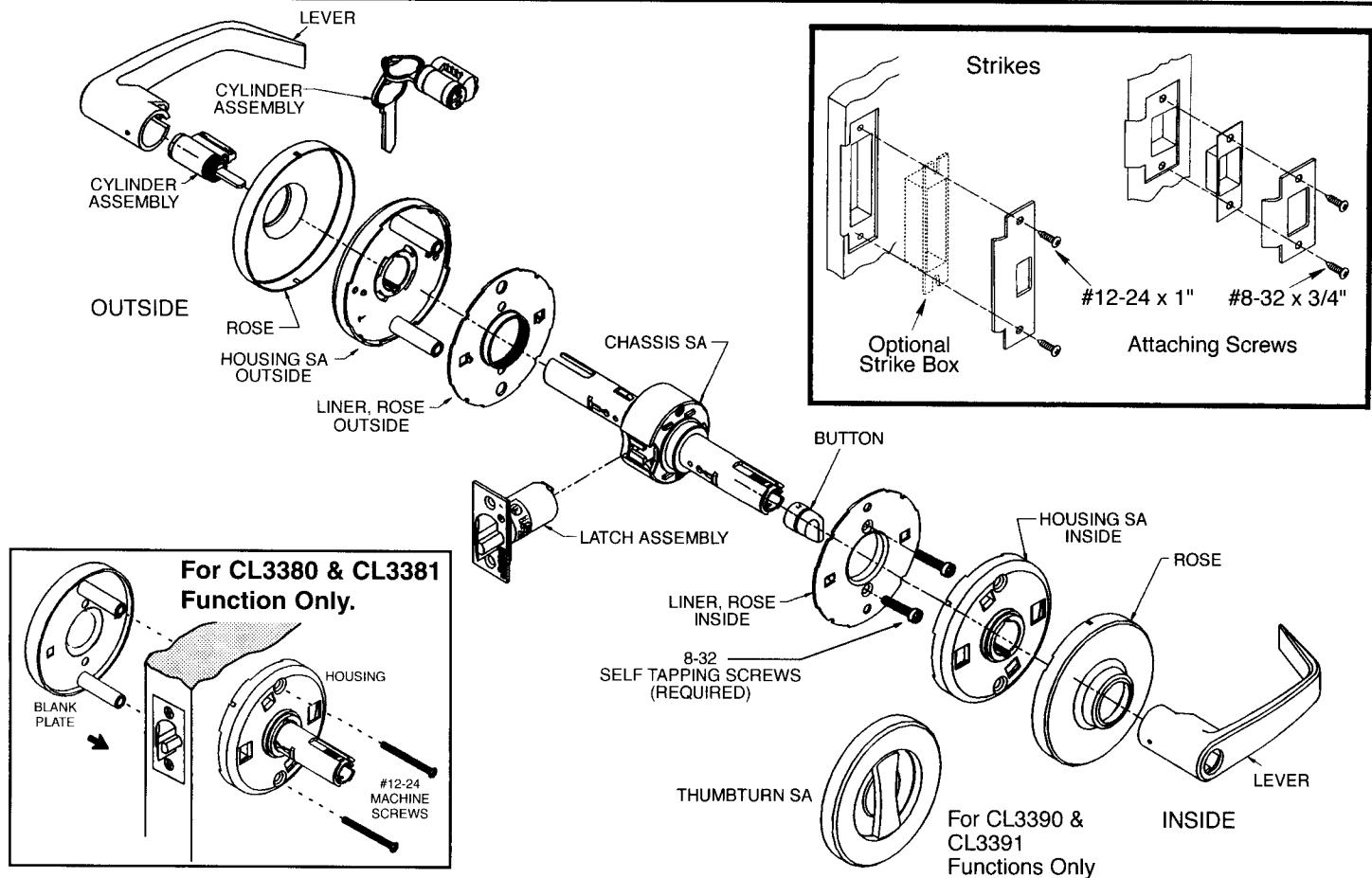
Grade I Key-In-Lever Cylindrical Lockset CL3300 Series



Attention Installer

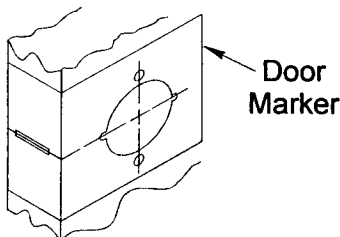
Installation of cylindrical locks and latches must be through bolted in all doors. If installation instructions are not followed this may result in damage to the lock and void the factory warranty.

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 a lessening of security.



1 Mark door.

Locate and mark horizontal center line at desired height above floor. Fold template over edge of door, centering on horizontal line. Mark centers of holes at proper backset. Mark both sides of the door.



Note:

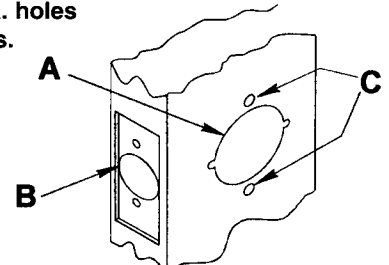
Be sure to verify backset before marking & drilling door

2 Drill door.

- 2-1/8" (54mm) hole thru door.** Cut notches as shown on template. Except CL3350 and CL3370.
- Drill 1" (25mm) hole in edge of door.** Cut out for latch front 5/32" (4mm) deep. 1-1/8" (29mm) wide x 2-1/4" (57mm) high. Check latch unit for proper width front and square or round corners. Except CL3350 and CL3370.
- Drill two (2) 11/32" (9mm) Dia. holes through door for all functions.**

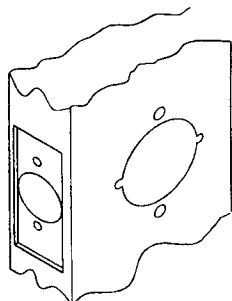
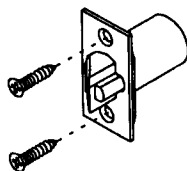
Caution:

To avoid splintering wood doors, drill holes from both sides.



3 Install latch unit.

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



4 Remove levers and inside cassette assembly.

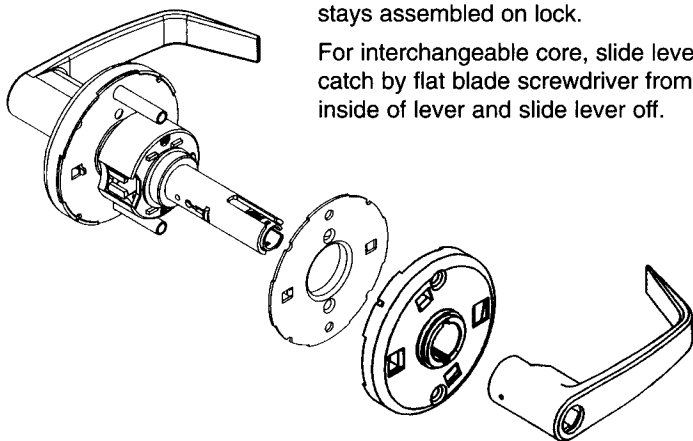
Remove both lever handles. Depress lever catch by
inserting release tool into lever shank hole. Slide lever off.

Note: For cylinder functions see section entitled
"To remove cylinder lever".

- For levers with button. While depressing button, insert
release tool into lever shank hole and depress lever
catch. Slide lever off.
- Remove inside cassette assembly from lock, by
depressing lever catch with release tool or flat blade
screw driver.

Outside cassette assembly
stays assembled on lock.

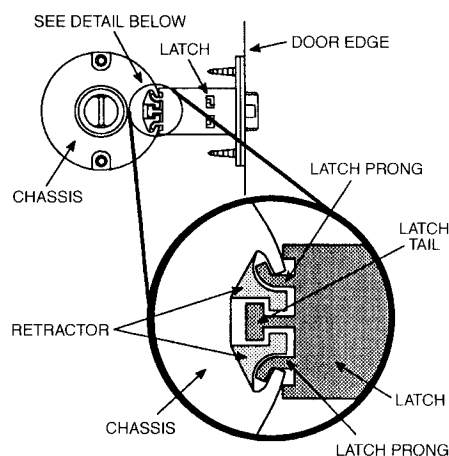
For interchangeable core, slide lever
catch by flat blade screwdriver from
inside of lever and slide lever off.



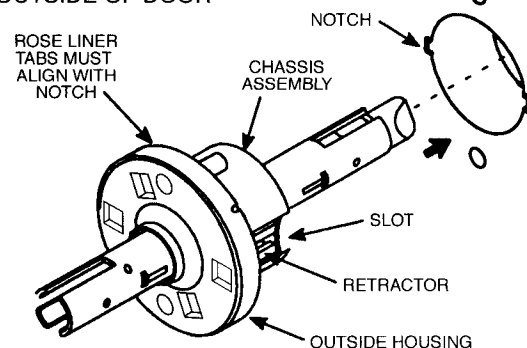
6 Install chassis.

- Make sure that latch retractor slot in chassis assembly
faces front edge of door.
- From outside, insert assembly into cross bore hole.
Be sure that the chassis assembly engages latch
prongs and latch tail engages retractor as shown.
Rose liner tabs must fit into notches in door.

IMPORTANT: Chassis assembly must be positioned
in center of door.



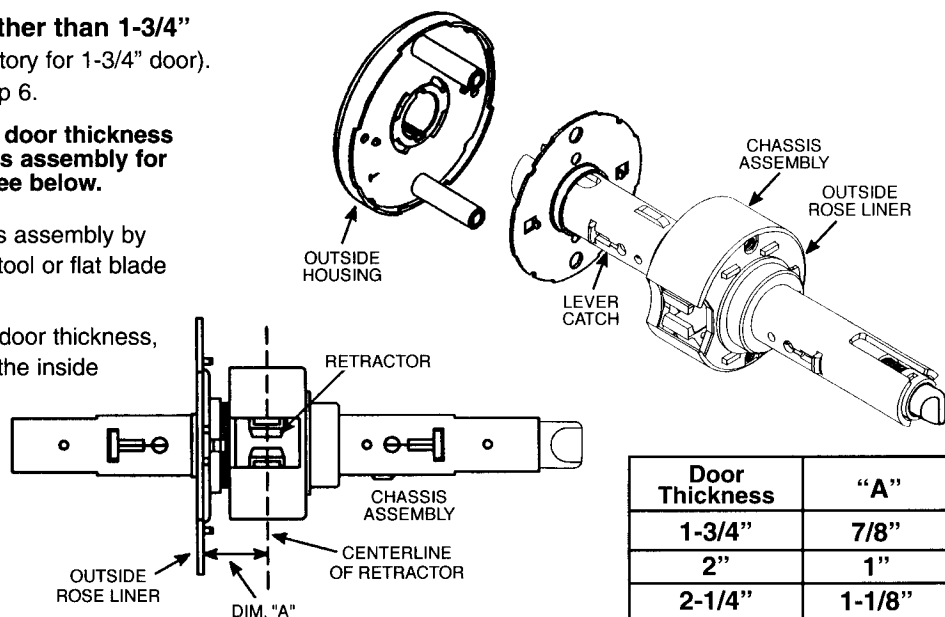
OUTSIDE OF DOOR



5 Adjust lock to door thickness if other than 1-3/4" (44mm) doors. (Lock pre-set from factory for 1-3/4" door). If no adjustment needed, proceed to step 6.

Note: Lockset requires adjustment if door thickness
is not exactly 1-3/4". To adjust chassis assembly for
door thicknesses other than 1-3/4", see below.

- Detach outside housing from chassis assembly by
depressing lever catch with release tool or flat blade
screwdriver. Slide housing off.
- Rotate rose liner to adjust lock to fit door thickness,
so that the distance (Dim. "A") from the inside
of the liner to the centerline of
the retractor is one half of the
thickness of the door (see chart).
- Re-assemble outside housing onto
chassis assembly, except CL3380
and CL3381 functions.



Door Thickness	"A"
1-3/4"	7/8"
2"	1"
2-1/4"	1-1/8"

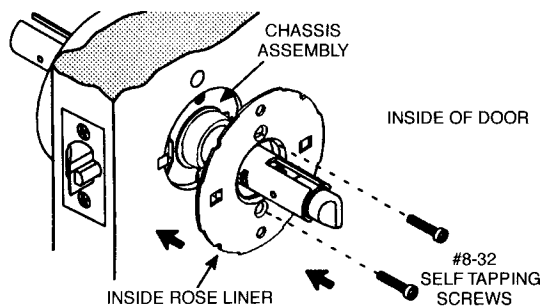
7A Install rose liner, blank plate and housing.
For all functions except CL3390 and CL3391.

For CL3380 and CL3381 function only.

- A. Fasten two #8-32 self tapping screws through blank rose plate. Tighten screws securely.

For all functions.

- A. Position inside rose liner toward door as shown and attach onto chassis assembly. Make sure that rose liner tabs fit horizontally into slots notched in door.
- B. From screw packet, remove two #8-32 self tapping screws.
- C. Insert two #8-32 self tapping screws into chassis assembly and tighten hand tight to prevent rose liner from rotating. **Do not overtighten.**



IMPORTANT:

#8-32 screws are required for stability. They must be installed for lock to function properly, and to maintain Warrantee.

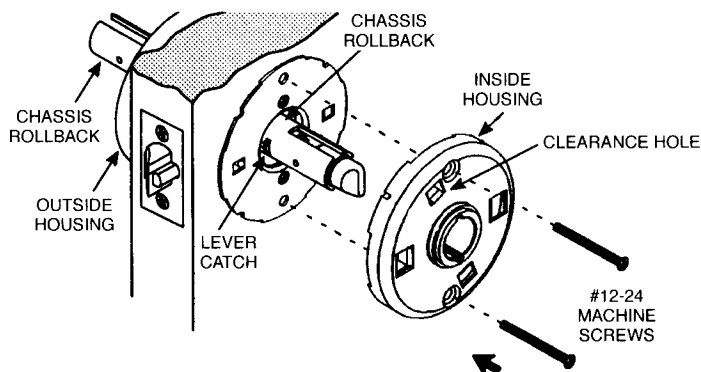
Install housing.

For locksets with button:

Depress button and hold in vertical position while sliding housing over lever catch.

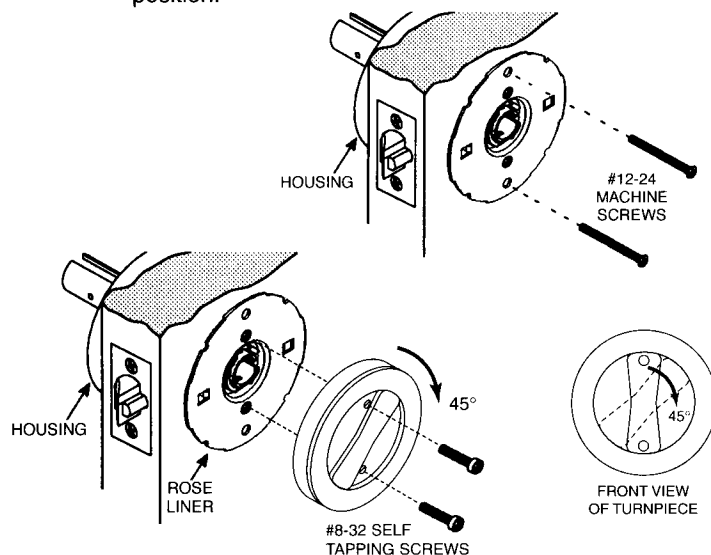
For all locksets:

Attach inside housing to door. Fasten two #12-24 machine screws through clearance hole in housing. Tighten screws securely.



7B Install turnpiece and housing.
CL3390 & CL3391 functions only.

- A. Fasten two #12-24 machine screws through rose liner on turnpiece side of door into housing. Tighten screws securely.
- B. Attach turnpiece to chassis assembly so that tab on backside of turnpiece fits into slot in chassis assembly.
- C. Rotate & hold turnpiece at 45° from vertical position to expose screw holes. Fasten two # 8-32 self tapping screws through turnpiece into holes in flange. Tighten screws securely. Turnpiece should return to original position.

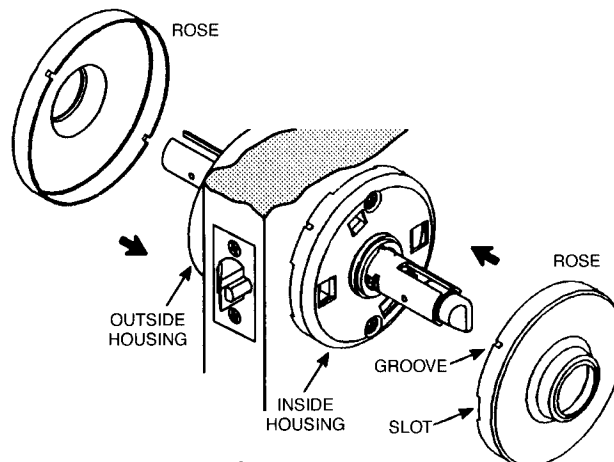


TEST OPERATION: Rotate chassis rollbacks to see that latchbolt moves freely. **DO NOT FORCE.**

If lockset does not operate properly, remove lockset from door and check door preparation. See Step 6 to re-install lockset.

8 Attach roses.

- A. Position roses over housings.
- B. Align two grooves on rose sidewalls with two grooves on housing sidewalls.
- C. Press roses firmly onto housings so that grooves snap into notches.



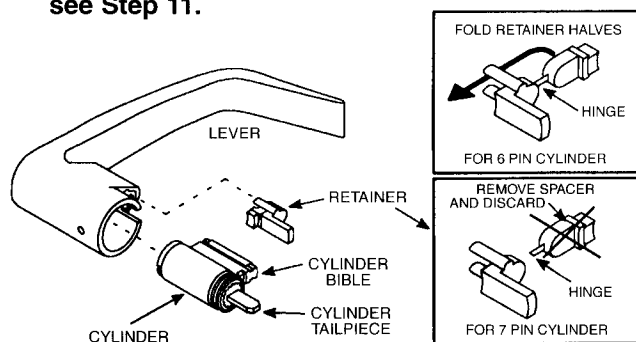
Note: Slots on rose for removal with flat blade screwdriver

9 Install cylinder.

Note: If no cylinder is to be installed, proceed to Step 10.

- A. Make sure cylinder tailpiece is aligned in same direction as cylinder bible. Slide cylinder all the way into lever.
- **For 6-pin cylinder:** Fold retainer at hinge and press fit retainer halves together as shown.
 - **For 7-pin cylinder:** Break retainer at hinge and discard spacer section.
- B. **For all cylinders:** Align and position retainer in lever shank with prongs facing toward cylinder. Press cylinder retainer firmly into lever shank securing cylinder.

Note: To replace cylinder and cylinder lever, see Step 11.



10 Install levers.

For locksets with button:

Depress lever catch with release tool or flat blade screwdriver while depressing button in vertical position and slide lever on.

For cylinder lockset functions:

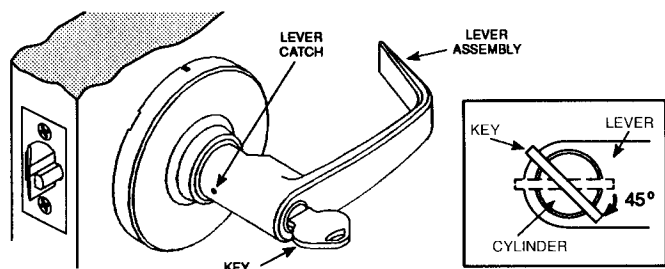
Insert key and rotate 45°. Depress lever catch with release tool or flat blade screwdriver and push lever onto chassis while keeping key at 45° position.

For all other lockset functions:

Depress lever catch with release tool or flat blade screwdriver and slide lever on.

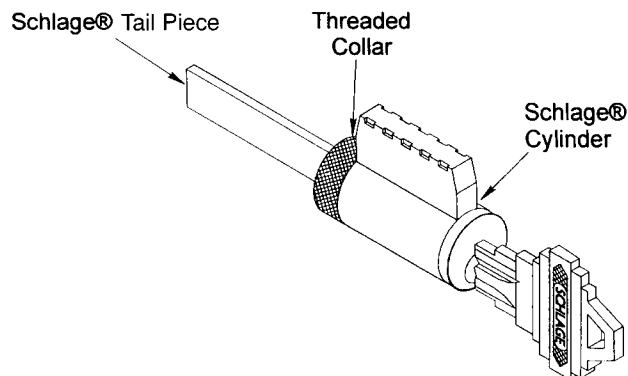
11 To remove cylinder lever.

- A. Insert key and rotate 45°.
- B. Depress lever catch by inserting release tool into lever shank hole.
- C. Slide lever off from lock. (Also applies to inside lever of double cylinder functions).



12 Corbin Russwin conversion kit for Schlage® cylinders with CL3300 lockset.

1. Remove threaded collar and Schlage® tailpiece.
2. Install CL3300 tailpiece with threaded collar. (Adjust collar for proper end play of plug).



Follow instructions "to remove cylinder lever" for installing cylinder into lever handle.

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13 Corbin Russwin Interchangeable Core, Best® Core and Schlage® Interchangeable Core Installation Instructions.

Best® is a registered trademark of Best Lock Corporation

