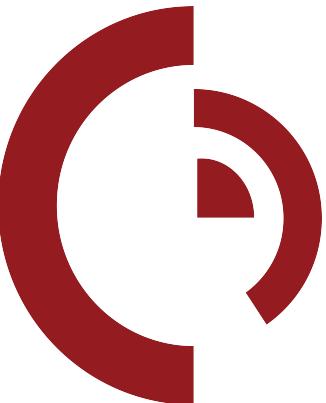
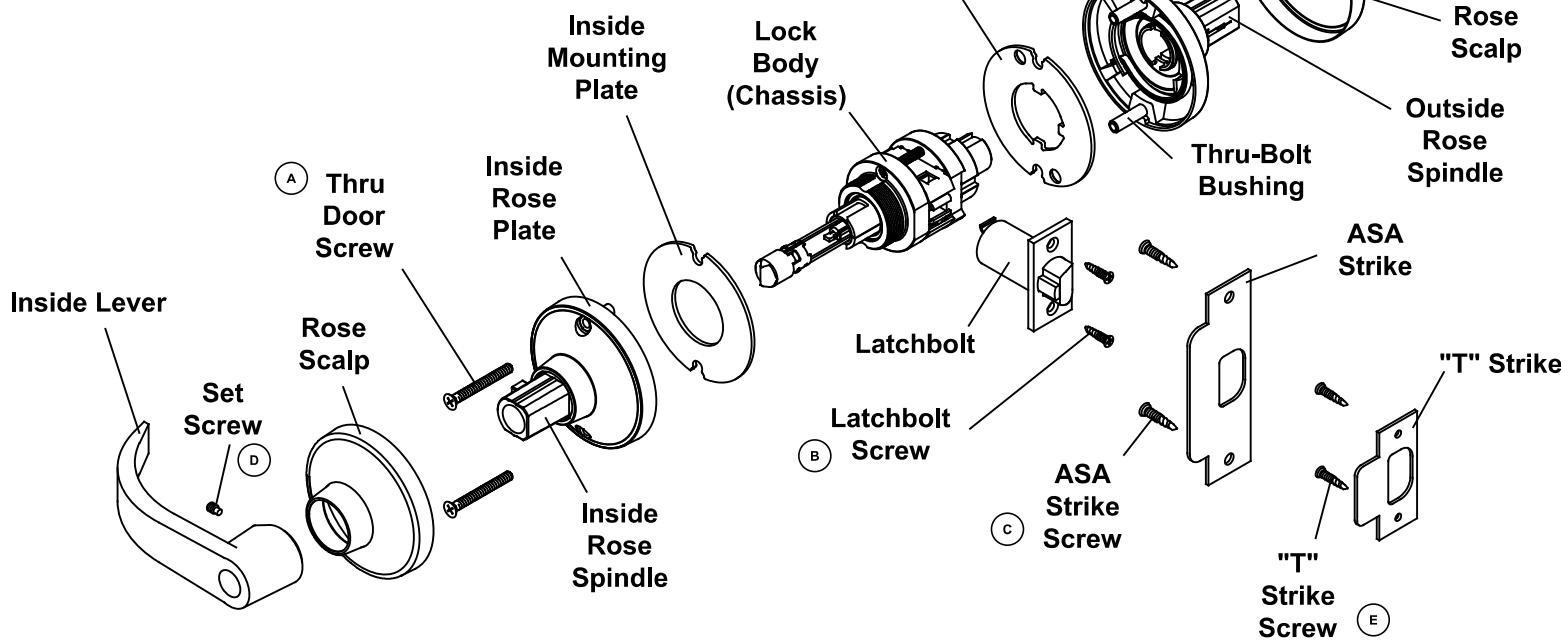
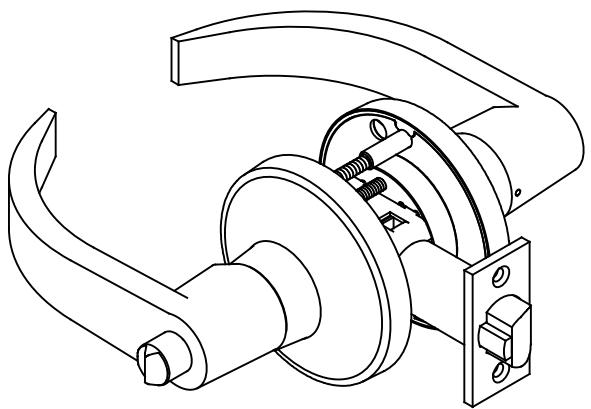


Installation Instructions For CL190 Series

Cylindrical Locksets

GRADE 1



CommandAccess.com
888-622-2377

HARDWARE SCHEDULE

- A. 2 - M5 x 0.8, L=60mm
- B. 2 - #8-32 COMBO
- C. 2 - #12-24 COMBO
- D. 1 - M5 x 0.8 FULL DOG, L=8mm
- E. 2 - #8-32 COMBO

ADJUST FOR DOOR THICKNESS

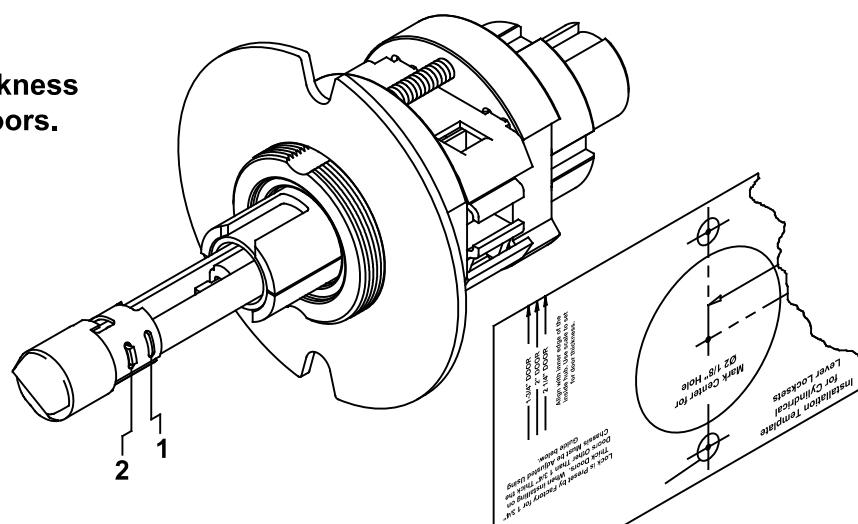
NOTE: Lock is preset for 1 3/4" doors unless otherwise specified.

Adjust inside mounting plate as follows:

- A. Remove inside trim.
- B. Use template to gauge location of the inside mounting plate for the desired door thickness.
- Thread mounting plate to the correct location.

FOR FUNCTIONS WITH BUTTONS, ADJUST PUSH BUTTON AS FOLLOWS:

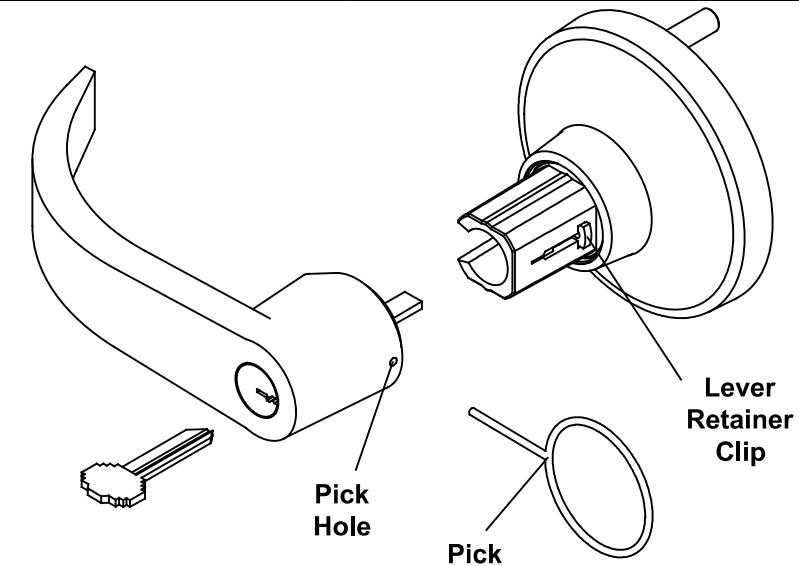
- A. Squeeze button support.
- B. Adjust button to the correct door thickness
 - (1) First position is for 2" and 2 1/4" doors.
 - (2) Second position is for 1 3/4" doors.



STANDARD CYLINDER

TO REMOVE CYLINDER LEVER

- A. Insert key into lock and rotate 45° clockwise.
- B. Depress retainer clip with pick provided (or other pointed tool).
- C. Pull lever off of lock.



TO INSTALL CYLINDER LEVER

- A. Slide lever down to lever retainer clip on spindle.
- B. Insert key into cylinder and rotate 45° clockwise.
- C. Push in lever retainer clip and slide lever into locked position.

TO REMOVE CYLINDER FROM LEVER

- A. Remove cylinder stopper.
- B. Slide cylinder out of lever.

TO INSTALL CYLINDER INTO LEVER

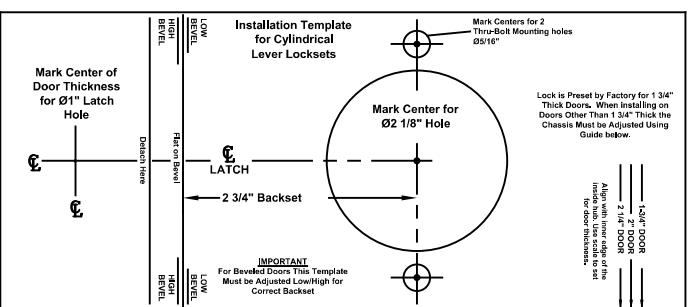
- A. Slide cylinder into lever.
- B. Install cylinder stopper.

IC CYLINDER

TO REPLACE CYLINDER

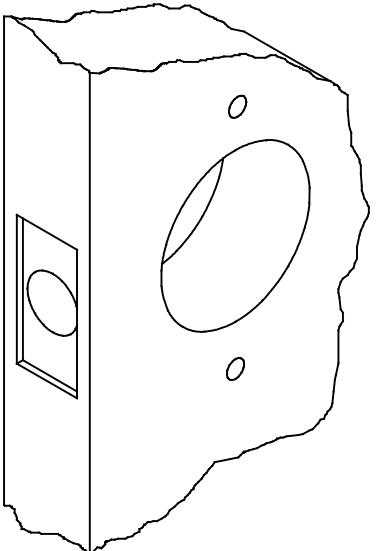
- A. Insert control key, turn clockwise and pull to remove cylinder.
- B. Remove tailpiece and spacer spring (only used on 6 pin cylinders) from back of old cylinder and install on new cylinder.
- C. Insert control key into new cylinder, turn clockwise and insert cylinder into lever.
- D. Rotate key counter-clockwise to lock cylinder into place and remove key.

1. MARK DOOR



- Mark height line on edge of door. Suggested height from floor is 38" to 40 5/16".
- Fold template over edge of door, centering on the height line.
- Mark center point for 2 1/8" hole.
- Mark thru door holes for two 5/16" holes.

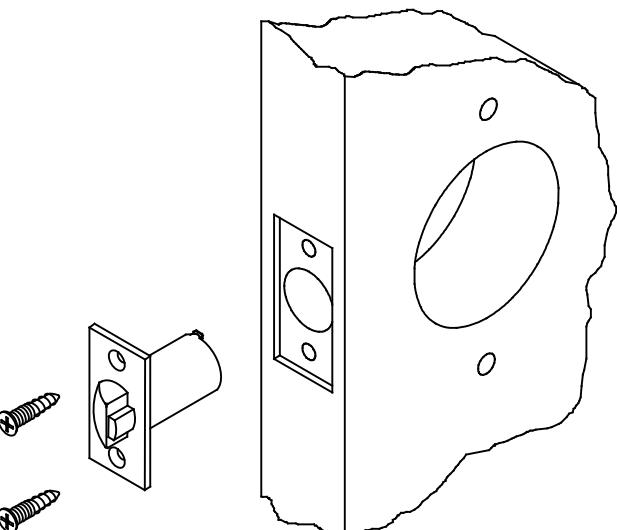
NOTE: Accurate door preparation is essential for proper function of this lock.



2. BORE HOLES (DOOR PREPARATION)

- Bore a 2 1/8" hole through door.
- Bore two 5/16" holes (thru bolt holes) through door.
- Bore a 1" hole to intersect the center line of the 2 1/8" hole. Cut out for the 1 1/8" x 2 1/4" latch front. Use the latch front faceplate as a template. Latch front should sit flush with the edge of the door.

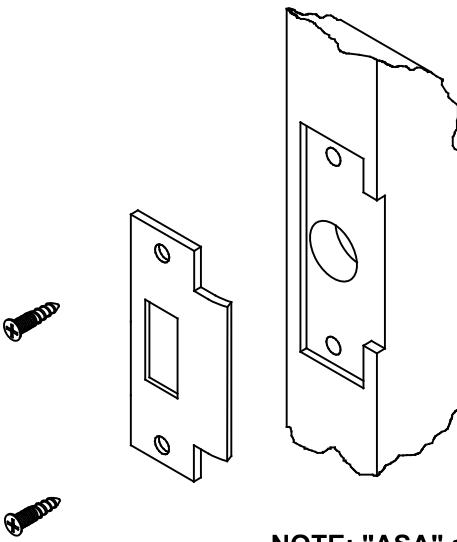
NOTE: A fixture is recommended for drilling the thru bolt holes.



3. INSTALL LATCHBOLT

- Use the two #8-32 combo screws provided.

NOTE: Make sure latchbolt is facing the correct side of the door.



NOTE: "ASA" strike installation shown. For "T" strike or "full lip" strike follow the same procedure.
A mortar box may be installed between the strike and the jamb.

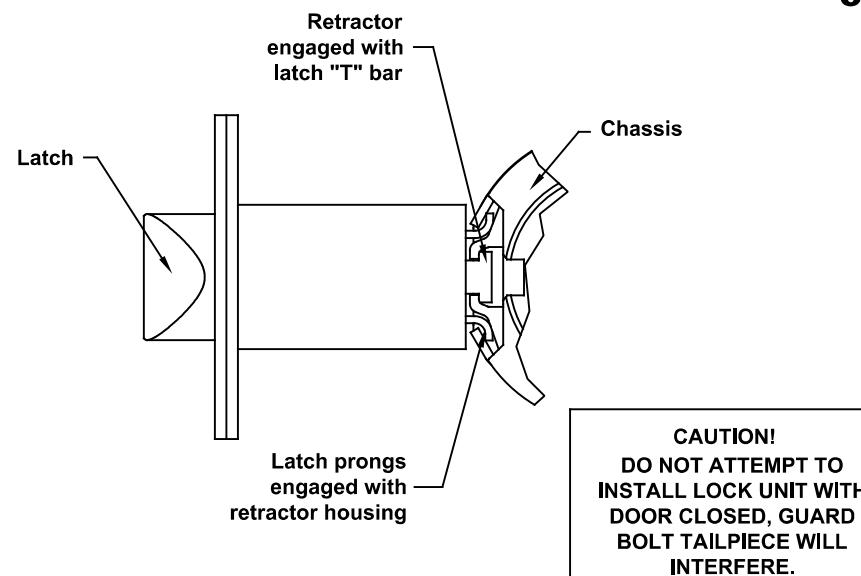
4. INSTALL STRIKE

- Mark a vertical center line on the door jamb.
- Mark an intersecting height line opposite the center of the latch hole.
- Bore a 1" hole on vertical line in jamb, 1" deep, to allow the latchbolt to extend to its full length.
- Cut out for strike using the strike as a template.
- Install the strike using the two combo screws provided in the strike pack.

5. INSTALL LOCK ASSEMBLY

- Remove outside trim and mounting plate.
- Insert lock chassis into the door from the inside, making sure that the lock body engages with the latch prongs and the retractor interlocks with latch "T" bar.

NOTE: Lock is preset by factory for 1 3/4" doors. For installation on a door other than 1 3/4", see "HOW TO ADJUST FOR DOOR THICKNESS" on reverse.



6. INSTALL TRIM ASSEMBLIES

- Install outside mounting plate and trim.
- Install inside trim.
- Install two thru door screws (M5 x 0.8 x 60mm) into the thru bolt bushings of the outside trim.
- Install the inside rose scalp, making sure that the tabs on the rose scalp snap firmly into the cutouts on the rose plate.
- Install inside lever and tighten the set screw. For cylinder lever installation see reverse.

