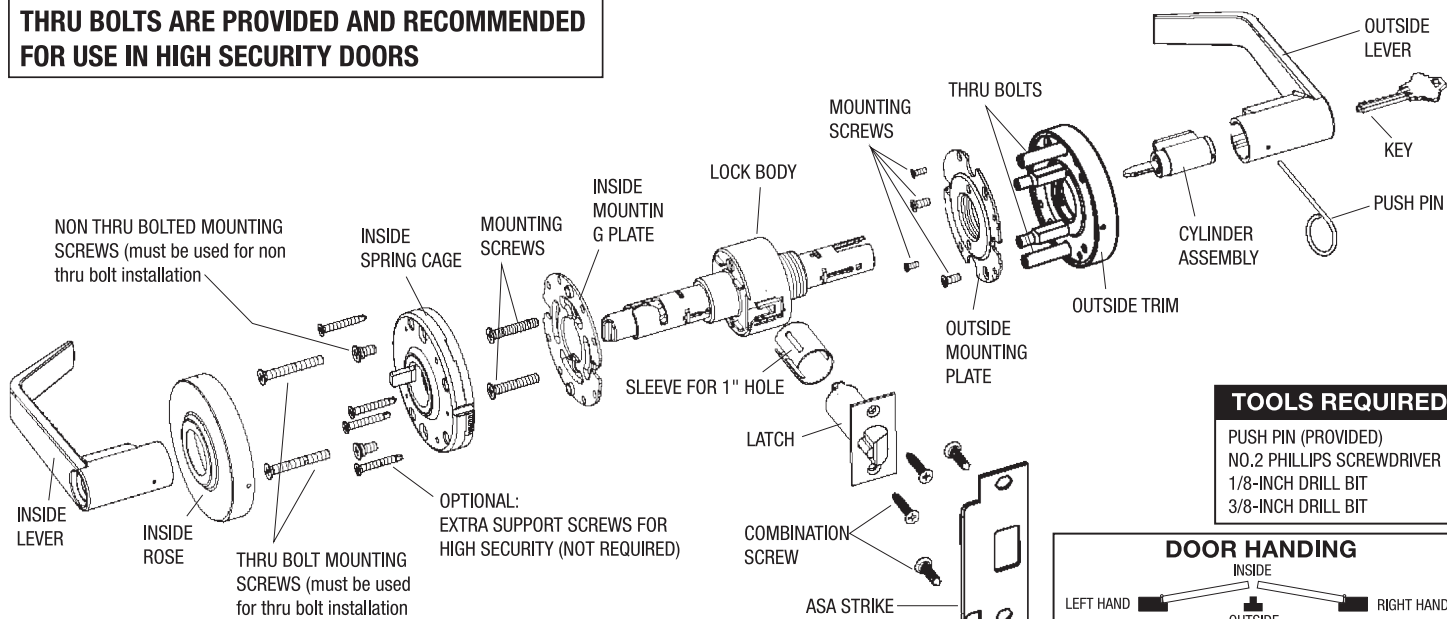


• LEVERSET IS SET FOR 1-3/4" THICK DOOR - BACKSET 2-3/4" •

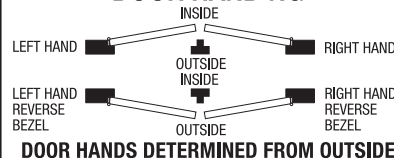
**THRU BOLTS ARE PROVIDED AND RECOMMENDED
FOR USE IN HIGH SECURITY DOORS**



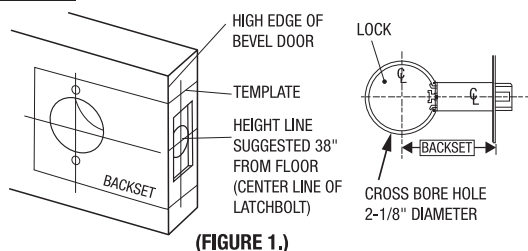
TOOLS REQUIRED

PUSH PIN (PROVIDED)
NO.2 PHILLIPS SCREWDRIVER
1/8-INCH DRILL BIT
3/8-INCH DRILL BIT

DOOR HANDING



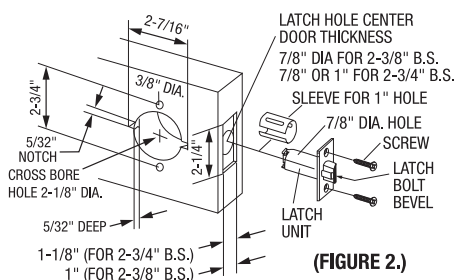
1 DOOR PREPARATION



1. Place paper template (supplied) on the door and mark for holes. Drill the cross-bore holes and then the latch holes.

NOTE: Cut notches on 2-1/8" cross-bore hole on both sides for steel or wood doors. (Figure 2)

2. Drill (2) 3/8" thru bolt holes half way thru from each side of the door to prevent damaging door unless lock is to be installed without thru bolts then skip to step 4.

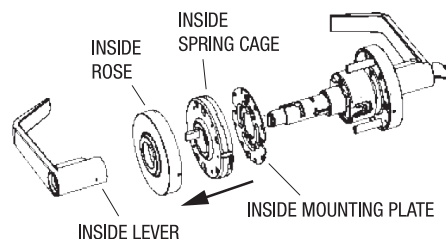


3. Mortise door edge to dimensions shown in Figure 2.

4. Insert latch with sleeve if hole is 1" diameter or without sleeve into 7/8" diameter. Make certain that latch bolt bevel faces direction of closing door.

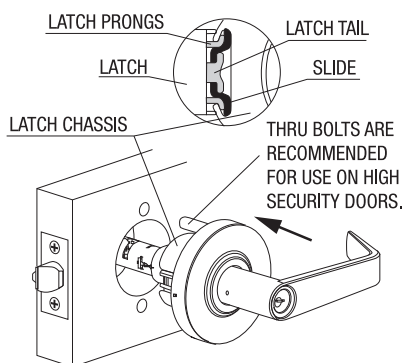
5. Drill two 1/8" diameter holes and secure latch with combination screws supplied.

2 DISASSEMBLE A LOCK

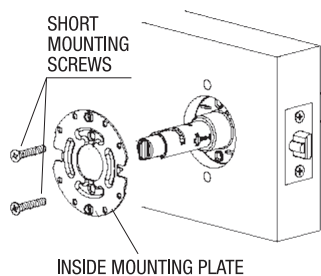


1. Use push pin to disassemble inside lever.
2. Remove inside rose assembly and inside mounting plate.

3 INSTALL LOCK ONTO DOOR



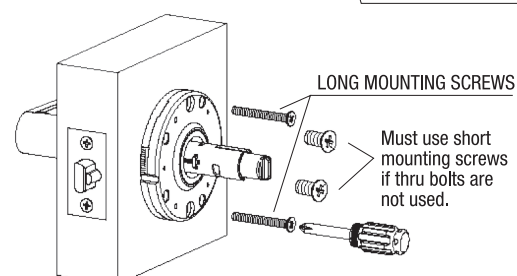
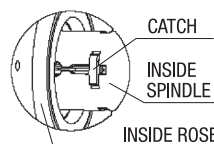
3A: Place lock body into position. Make sure that latch prongs engage chassis housing and slide engages latch tail.



3B: Install inside mounting plate with short mounting screws.

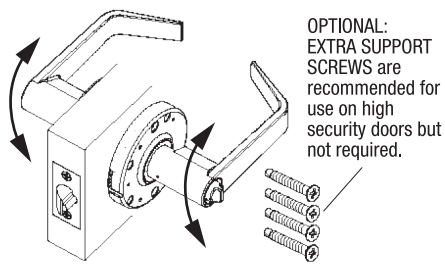
NOTE: OPTIONAL if using thru bolts, but recommended for use on high security doors.

IMPORTANT: If the door is thicker than 2", the catch will be covered by the inside rose. Do not install inside lever and lock.

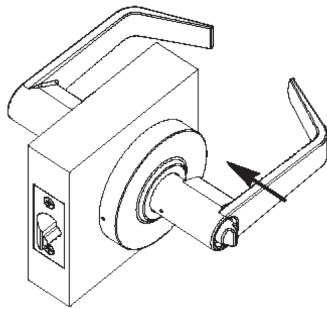


3C: Install inside spring cage with long mounting screws for thru bolt installation or short mounting screws for non thru bolt installation, but do not tighten these two screws yet.

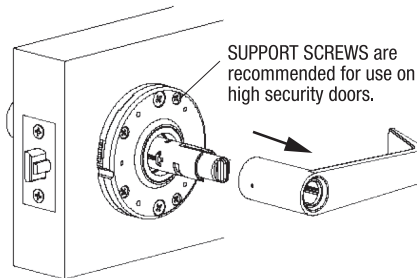
3 INSTALL LOCK ONTO DOOR (Continued)



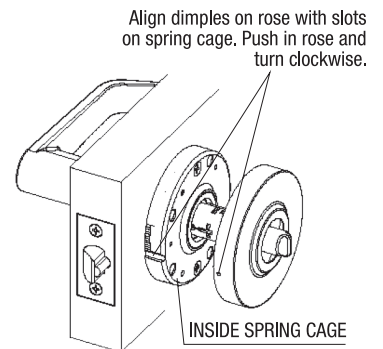
3D: Slide inside lever onto spindle and check to see if the rotation is smooth. Adjust the radial clearance between inside spring cage and inside lever if necessary. Tighten two mounting screws all the way. OPTIONAL: Install the four extra support screws now for use on high security doors.



3G: Slide lever onto spindle. Push lever completely onto spindle until it locks into place. (Pull on lever to make sure that catch is fully engaged.)

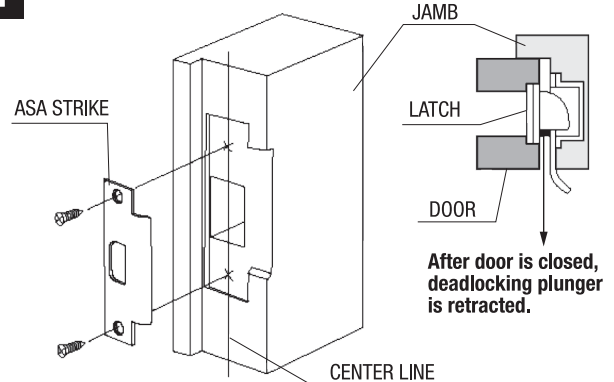


3E: Insert push pin into hole to depress catch and remove inside lever.

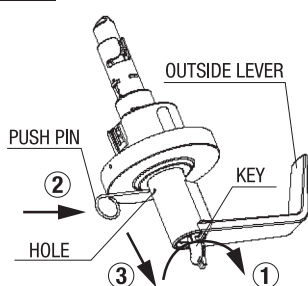


3F: Install inside rose and make sure inside rose and inside spring cage are secure.

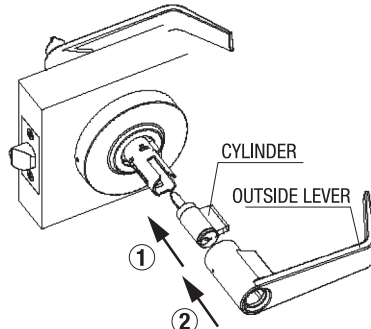
4 INSTALL STRIKE



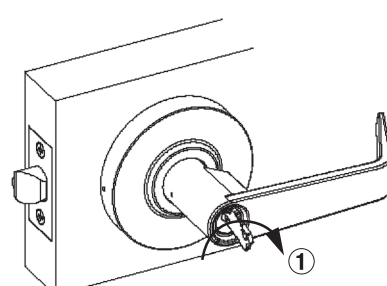
5 INSTRUCTIONS FOR CYLINDER REPLACEMENT (If Required)



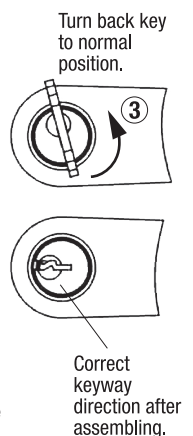
5A: Turn key 75° clockwise. Insert push pin into hole in outside lever to depress catch. Remove the outside lever.



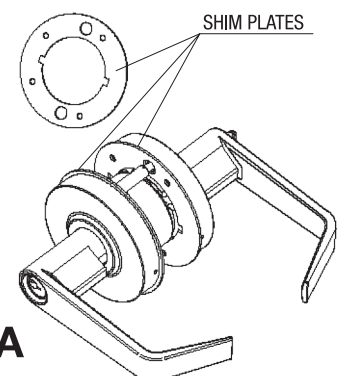
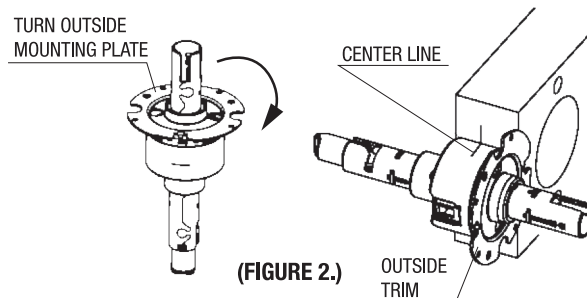
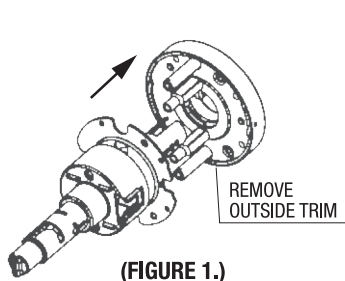
5B: Install cylinder and lever.



5C: Turn key approximately 80° clockwise and push pin the lever all the way onto the spindle and then turn the key back to normal position.



6 INSTRUCTIONS FOR ADJUSTING LOCK TO FIT DOOR THICKNESS OTHER THAN 1-3/4"



For adjusting thickness for 1-3/8" (Included shim plates required)

1. Remove outside lever. (Refer to step 5A above)
2. Remove outside trim. (See Figure 2 above)
3. Turn outside mounting plate to adjust centerline of lock body to match the centerline of the door. (See Figure 3 above)
4. Re-install outside trim, cylinder and lever. (Refer to steps 5B and 5C above)
5. Use 1 shim plate on inner and outer side of door to thicken door. (As shown in Figure A)

For adjusting thickness larger than 1-3/4" (2" maximum)

1. Remove outside lever. (Refer to step 5A above)
2. Remove outside trim. (See Figure 2 above)
3. Turn outside mounting plate to adjust centerline of lock body to match the centerline of the door. (See Figure 3 above)
4. Re-install outside trim, cylinder and lever. (Refer to steps 5B and 5C above)