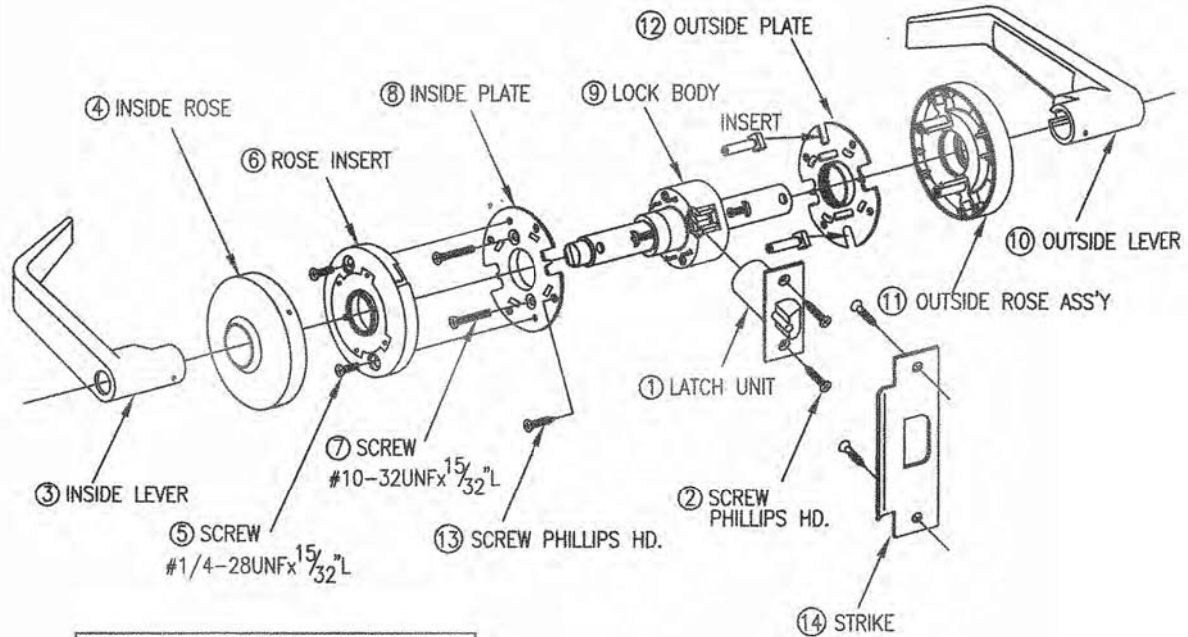


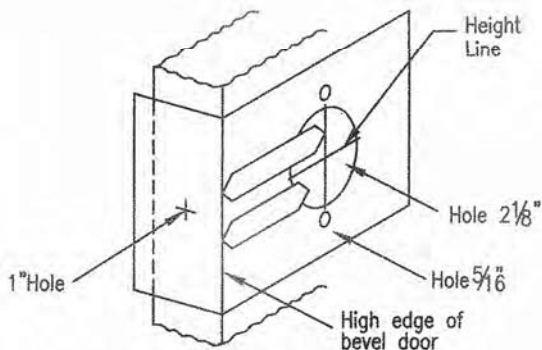
INSTRUCTIONS FOR INSTALLING HEAVY DUTY LEVER LOCK



TOOLS REQUIRED
PUSH PIN (PROVIDED)
NO. 2 PHILLIPS SCREWDRIVER
1/8-INCH DRILL BIT
5/16"-INCH DRILL BIT

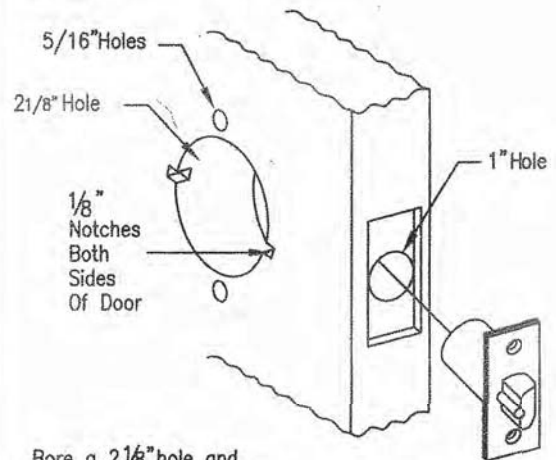
THIS LOCK IS FACTORY-PACKED FOR 1 3/4" THICK DOORS.

1. MARK DOOR



Mark height line on edge and face of door. Detach stub of template and mark center of door thickness on heightline. Fold template at proper marking for bevel of door (high or low bevel or flat). Position center line of template on height line. Hold in place and mark center point for 2 1/8" hole. And then the 1" hole. Also mark for 5/16" holes for stud

2. BORE HOLES



Bore a 2 1/8" hole and 5/16" holes. Bore holes from both sides of door to avoid splintering wood.

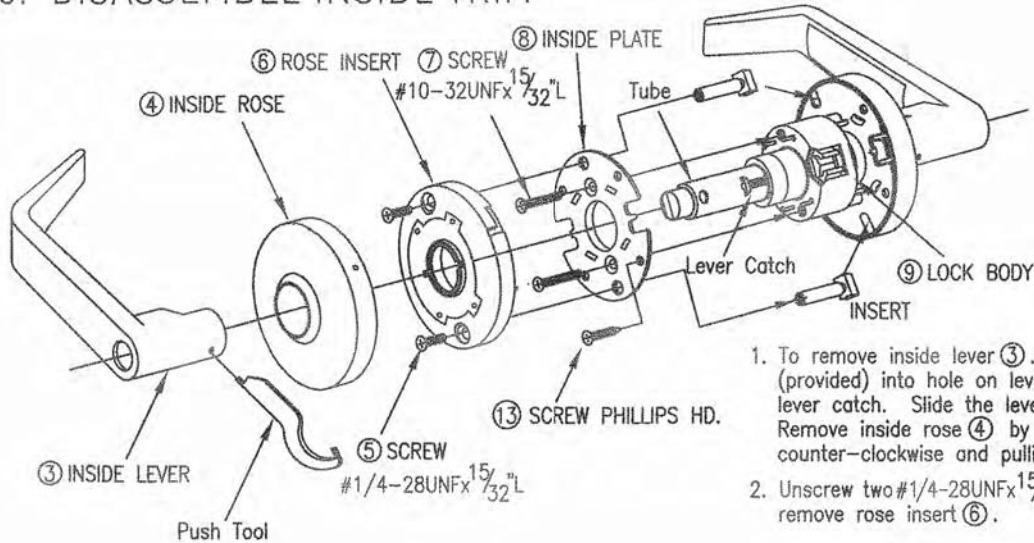
NOTE: We recommend using a drill guide to ensure straight holes. Bore a 1" hole straight into door edge to intersect with center of 2 1/8" hole. Use latch front faceplate to pattern for cutout. Front should fit flush with door edge. Install latch with screws provided.

(Wood door applications)

For proper alignment of lock chassis and lever, cut out notches for anchor plate lugs from both sides of door on horizontal height line. Mortise for anchor plates on both sides of door (see template).

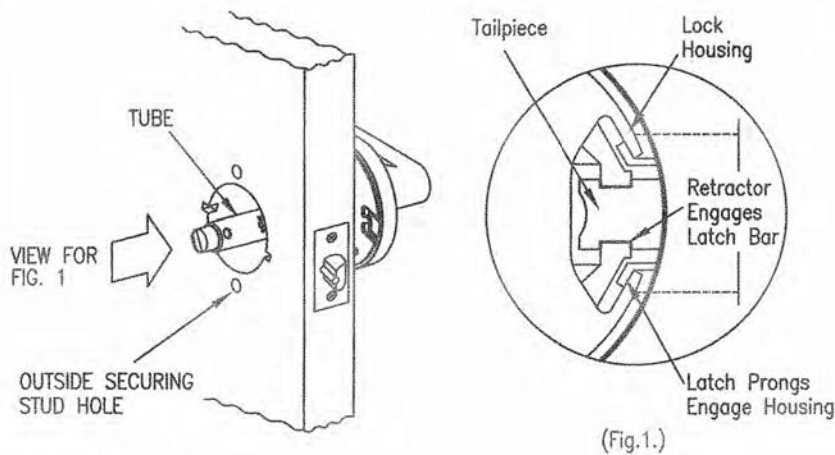
NOTE: Width of notches should not exceed 1/8" for snug fit of anchors.

3. DISASSEMBLE INSIDE TRIM



1. To remove inside lever ③. Insert push tool (provided) into hole on lever to depress the lever catch. Slide the lever from the tube. Remove inside rose ④ by slightly twisting counter-clockwise and pulling off.
2. Unscrew two #1/4-28UNFx 15/32 L ⑤ screw and remove rose insert ⑥.

4. INSTALL OUTSIDE UNIT

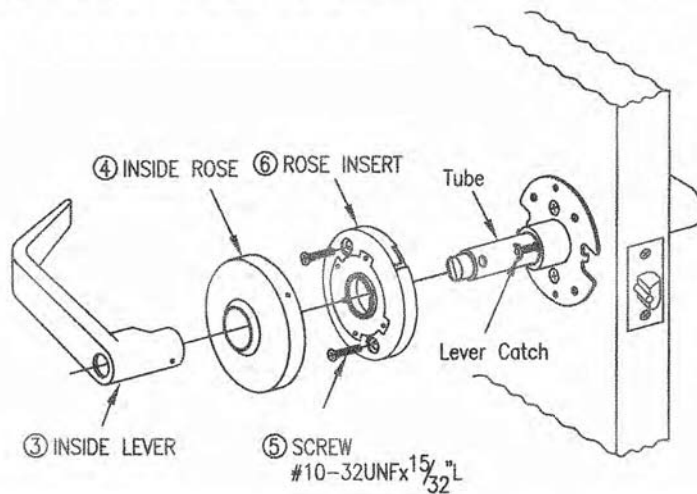


1. With finger. Push latch unit tailpiece in direction of arrow to its end position see (fig.1.)
2. Slide lock body into cross-bore hole from outside position. If necessary. move tail piece slightly to engage retractor as shown in (fig.1.)

NOTE :
For lock with outside securing stud type. slide two outside securing stud into prepared holes on door.

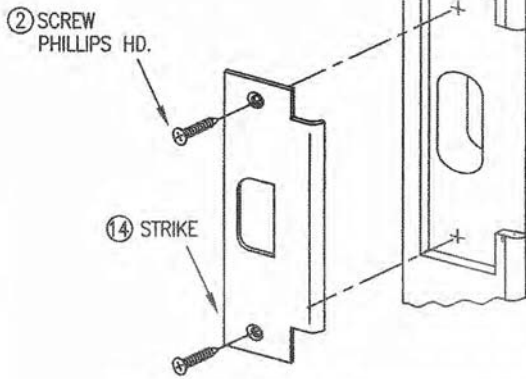
Caution:
Do Not Attempt to mount Lock Unit with Door Closed.

5. ASSEMBLE INSIDE TRIM

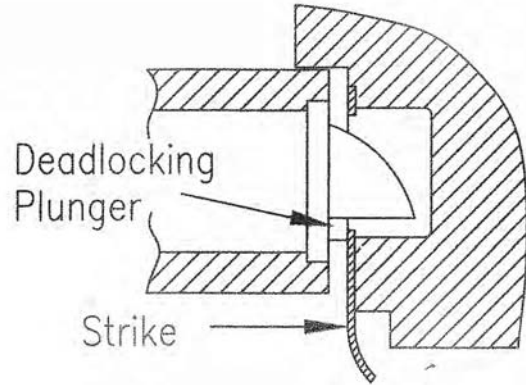


1. Position the screw holes vertically with winder notch at inside diameter in line with lever catch. Then slide onto tube and align rose screw holes with #1/4-28UNFx 15/32 L screw ⑤.
2. Place inside rose ④. onto inside rose ass'y aligning three lances with recesses in rose ass'y and turn clockwise to lock as firmly as possible.
3. Slide inside lever ③ onto tube. Make certain lever catch on tube is engaged with lever.

6. INSTALL STRIKE



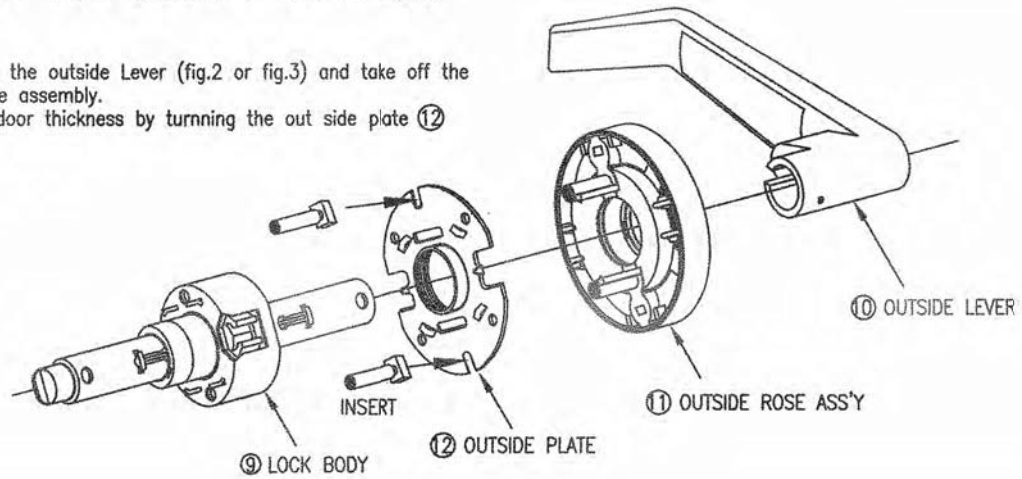
When strike box is not used, recess in door jamb must be deep enough to allow latch bolt to extend to its full free length.



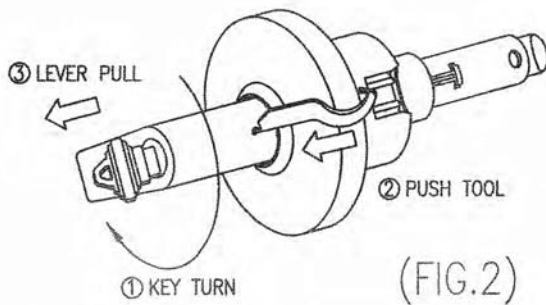
Deadlocking plunger on latchbolt stops against strike, preventing forcing when door is closed.

7. ADJUST FOR DOOR THICKNESS

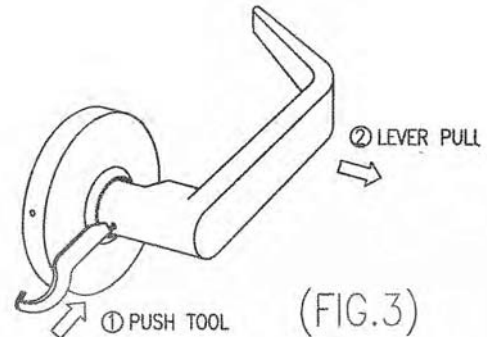
Disassemble the outside Lever (fig.2 or fig.3) and take off the outside Rose assembly. Adjust the door thickness by turning the outside plate ⑫ with hand.



8. REMOVE OUTSIDE LEVER

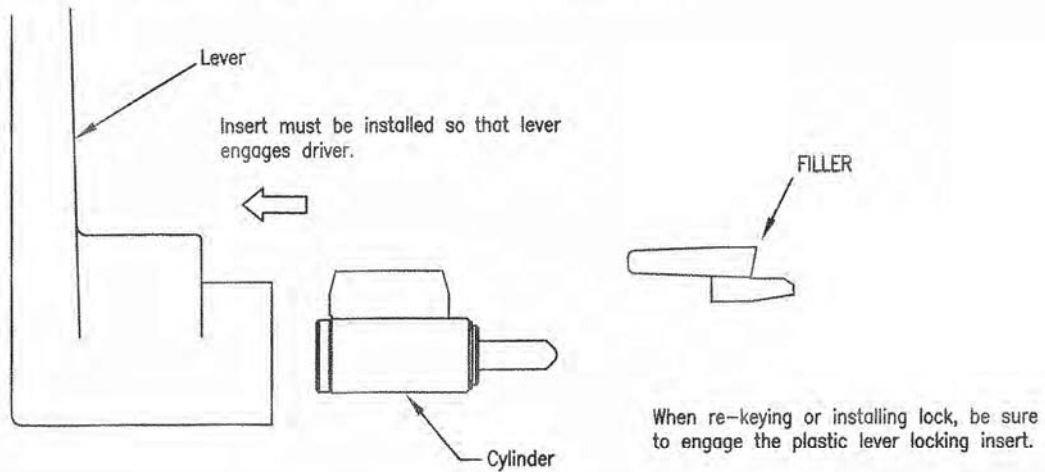


Keyed locks:
 Insert key into cylinder and using pointed end of push tool or similar tool, place into hole in lever.
 Turn key approximately $\frac{1}{4}$ turn while exerting pressure on push tool until lever catch depresses. Pull off lever and driver.

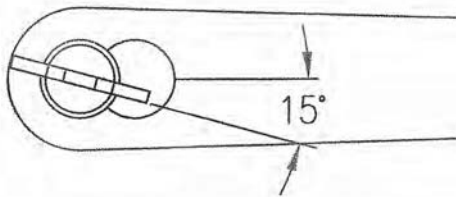


Non-keyed locks:
 Place pointed end of push tool, or similar tool, into hole in lever. Push in to depress lever catch and remove lever and driver.

9. CYLINDER REMOVAL AND REASSEMBLY

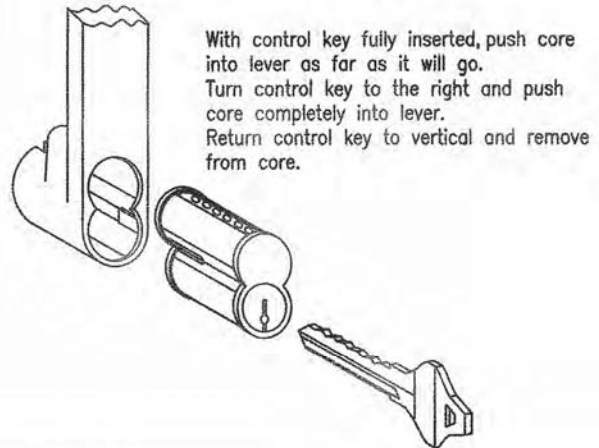


10. INTERCHANGEABLE CORE HOW TO REMOVE CORE

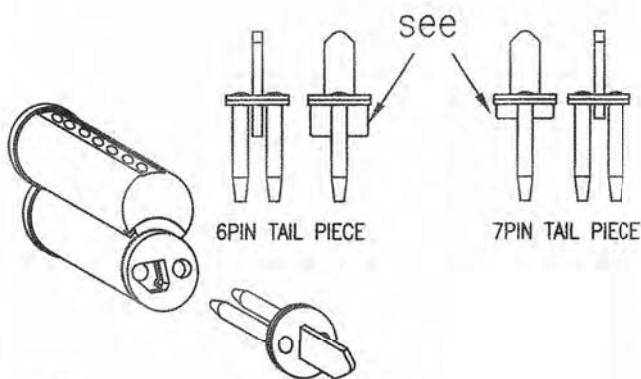


Insert control key and turn 15 degrees to the right until action stops. Pull on key to extract core.

HOW TO REPLACE CORE

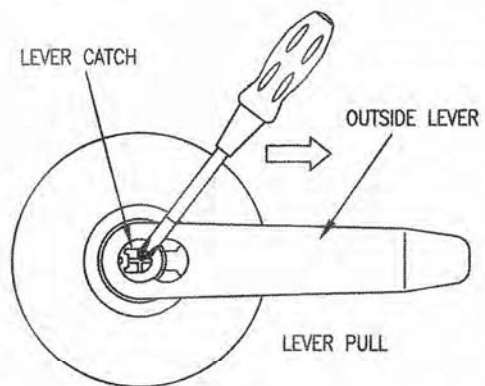


11. CORE AND TAIL PIECE APPLICATION



NOTE :
For function only use tail piece.
7pin Tail piece for 7pin core, 6pin Tail piece for 6pin core.

12. DISASSEMBLE INTERCHANGEABLE LEVER



The outside Lever can be disassembled by pulling the outside Lever with pushing the Lever catch by driver through the hole on the outside Lever.