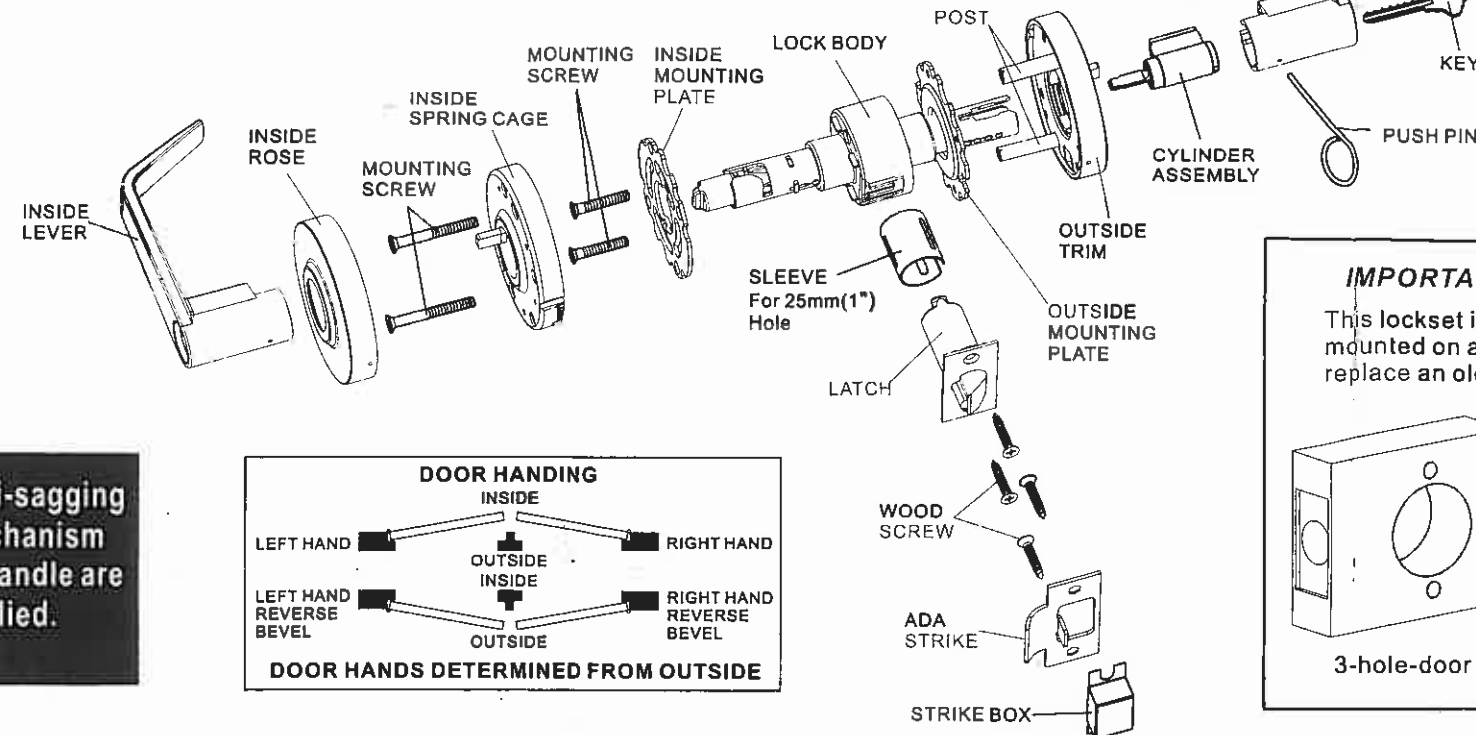


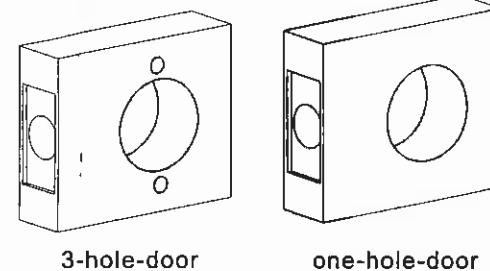
HOW TO INSTALL THIS CYLINDRICAL LEVERSET

● Fit Doors 38mm(1-1/2") to 50mm(2") Thick ● Backset 70 mm (2-3/4")



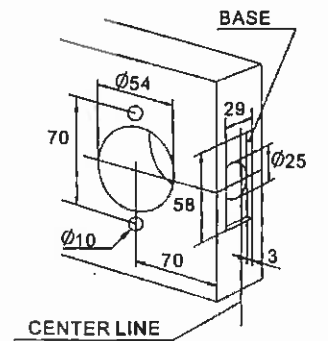
IMPORTANT! READ FIRST

This lockset is designed to be mounted on a new 3-hole-door or replace an old lock on one-hole-door.



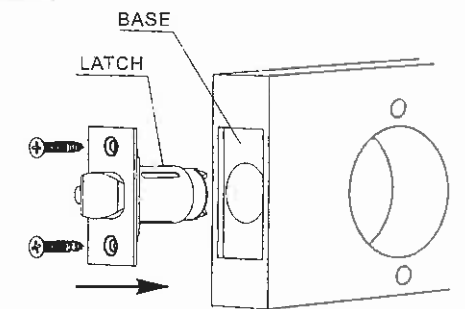
New Door Preparation

- A:** Fold template on edge of door mark site 70mm(2-3/4") of holes.
- B:** Drill a $\varnothing 54$ mm(2-1/8") hole and two 10mm(3/8") holes through door (from both sides to avoid damaging door).
- C:** Drill a $\varnothing 25$ mm (1") hole in door edge.
- D:** Cut out a 58x29x3mm (2-9/32"x1-1/8"x1/8") base.

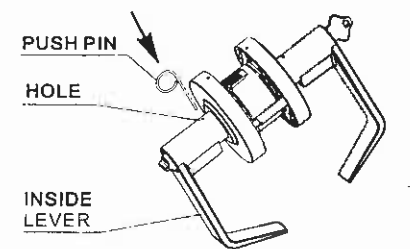


Install Latch

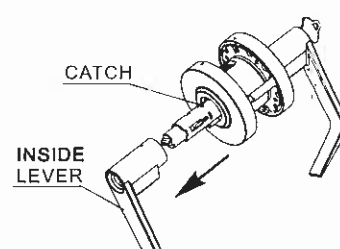
Insert latch unit and fix it with two wood screws.



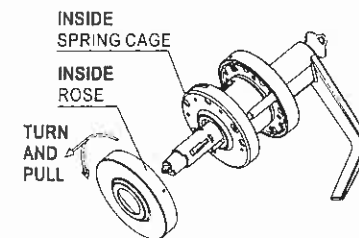
1 DISASSEMBLE INSIDE LEVER AND ROSE, ADJUST OUTSIDE MOUNTING PLATE TO SUIT DOOR THICKNESS



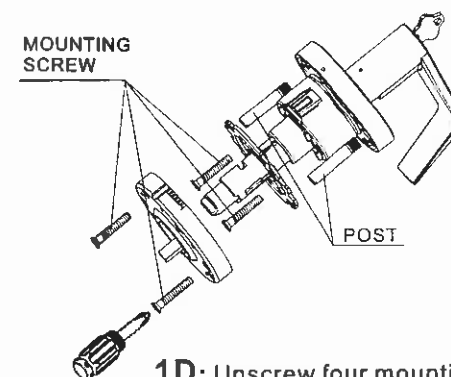
1A: Insert push pin into hole in inside lever to depress catch.



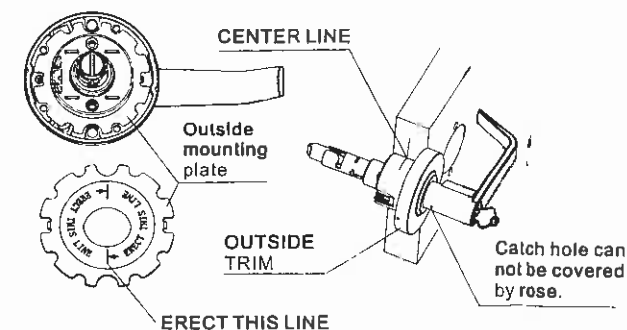
1B: Remove the inside lever from spindle.



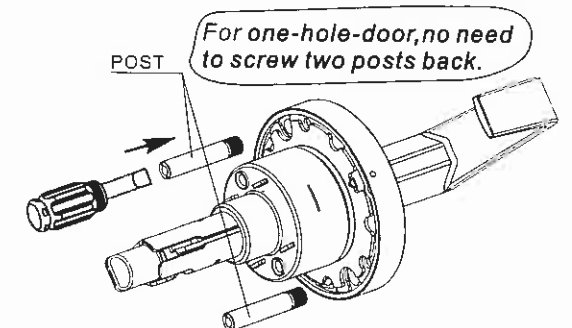
1C: Remove inside rose by turning and pulling off.



1D: Unscrew four mounting screws and two posts in lock body by screwdriver.

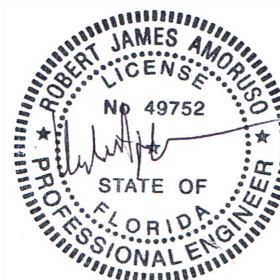


1E: Screw outside mounting plate according to the door thickness, make sure the lock body at both sides symmetrical.



1F: Screw two posts back for next installation (only for 3-hole-door).

Robert J. Amoruso, P.E.
FL PE No. 49752
PTC Product Design Group
PO Box 520775, Longwood, Florida 32752-0775
Phone: 321 690-1788
FBPE Certification of Authorization No. 25935



Digitally signed by
Robert J Amoruso
Date: 2018.03.12
14:59:52 -04'00'

2

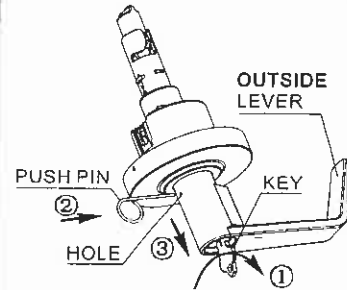
DISASSEMBLE OUTSIDE FOR ONE-HOLE DOOR INSTALLATION OR CYLINDER REPLACEMENT

one-hole-door installation

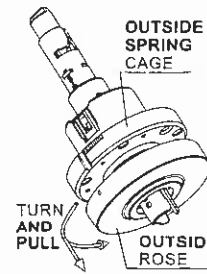
1. new lock on a new one-hole-door.
2. old lock replacement on an old one-hole-door. follow steps 2A to 2H.

3-hole-door goto step 3A directly.

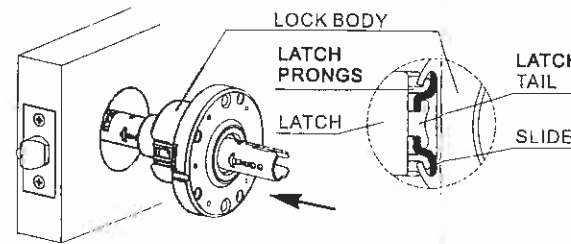
cylinder replacement refer to 2A, 2G and 2H



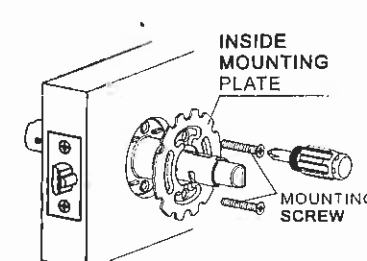
2A: Turn key 75° clockwise, insert push pin into hole in outside lever to depress catch. Remove the outside lever.



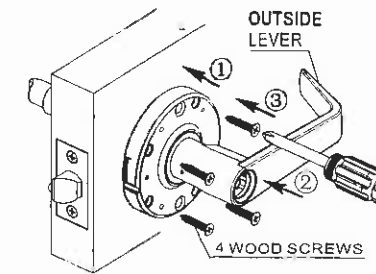
2B: Remove outside rose from outside spring cage.



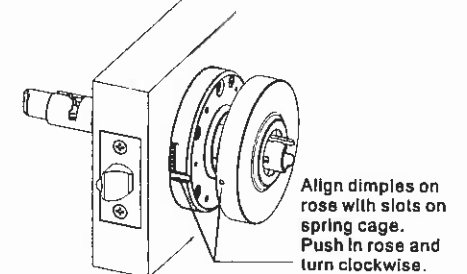
2C: Place lock body into position. Make sure that latch prongs engage chassis housing, and slide engages latch tail.



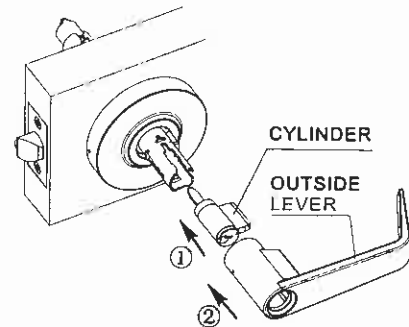
2D: Install inside mounting plate with two mounting screws.



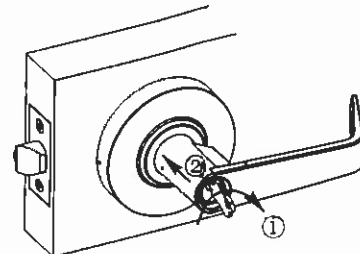
2E: Install outside spring cage and lever, check rotation of lever.



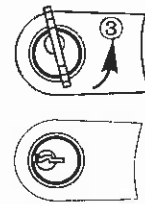
2F: Disassemble outside lever then install outside rose.



2G: Install cylinder and lever.



2H: Turn key 90° clockwise and push the lever into the maximum extent; rewind key.



Turn back key to normal position.

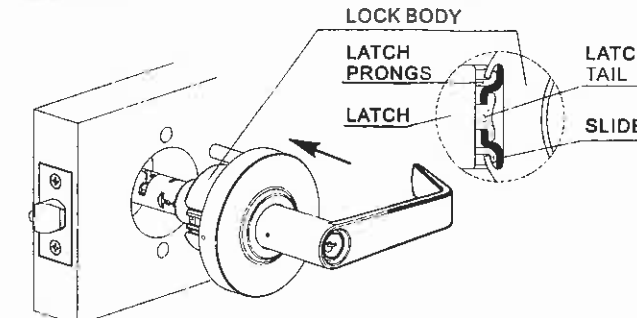
Right keyway direction after assembling.

All special steps for one-hole-door are completed. Go to step 4A for subsequent installation steps.

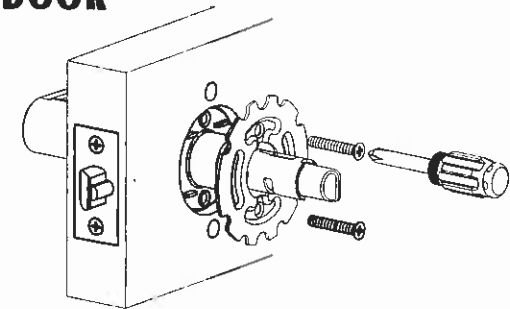
3

Step 3A to 3B is for 3-hole-door installation. For one-hole-door skip 3A and 3B, goto step 4A.

INSTALL LOCK BODY AND OUTSIDE TO DOOR



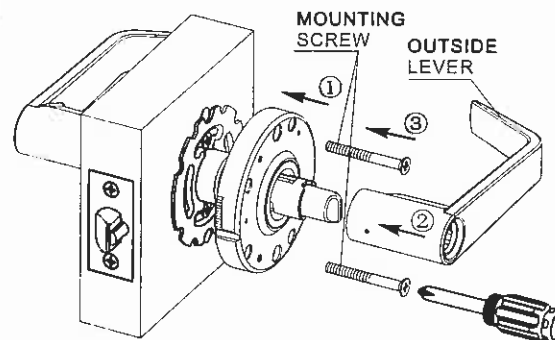
3A: Place lock body into position. Make sure that latch prongs engage chassis housing, and slide engages latch tail.



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

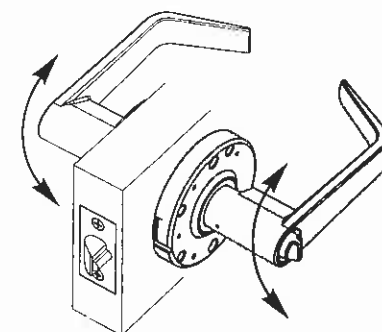
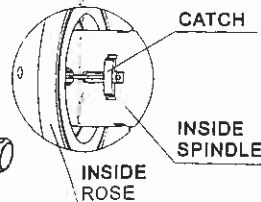
4

INSTALL INSIDE

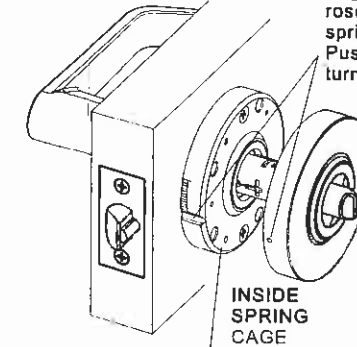


4A: Fix inside spring cage and inside lever (for one-hole-door, use 4 wood screws instead of 2 mounting screws).

IMPORTANT
If the door is thicker than 50mm, the catch will be covered by inside rose. do not install inside lever and lock.

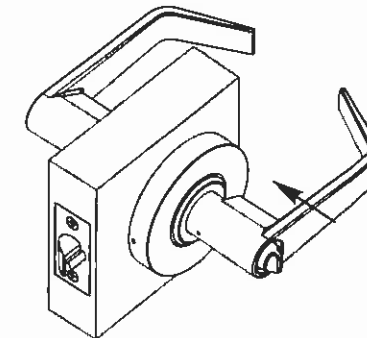


4B: Check if the rotation is smooth. Adjust the radial clearance between inside spring cage and inside lever.



4C: Fix inside rose and make sure inside rose and inside spring cage are tightened.

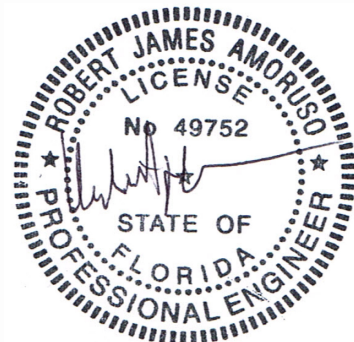
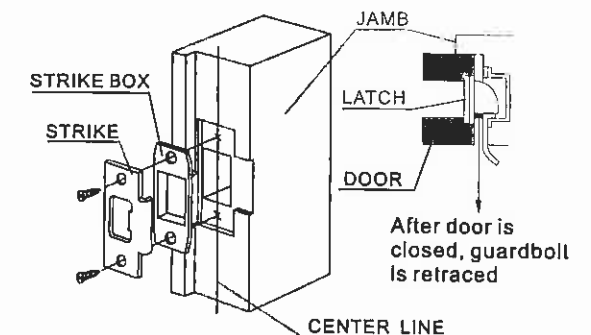
Align dimples on rose with slots on spring cage. Push in rose and turn clockwise.



4D: Slide lever onto spindle. Push lever completely into place. (Pull on lever to make sure that catch is fully engaged).

5

INSTALL STRIKE



Digitally signed
by Robert J
Amoruso

Date: 2018.03.12
15:00:04 -04'00'