UNIVERSAL HARDWARE
The Professional's Choice

INSTALLATION INSTRUCTIONS FOR CYLINDRICAL LEVERSET MODELS: UH40017, UH40018 & UH40019.

FITS DOORS 1-3/4" THICK • BACKSET 2-3/4"

REMOVABLE THRU BOLTS
SCREW POSTS
OUTSIDE LEVER
INSIDE SPRING CAGE
LOCK BODY
MOUNTING SCREW
INSIDE ROSE
KEY
INSIDE LEVER
SLEEVE FOR 1" HOLE
CYLINDER ASSEMBLY
PUSH PIN
OUTSIDE TRIM
LATCH
COMBINATION SCREW
STRIKE

DOOR HANDING

INSIDE

LEFT HAND | RIGHT HAND
OUTSIDE

INSIDE

LEFT HAND REVERSE BEZEL | RIGHT HAND REVERSE BEZEL
OUTSIDE
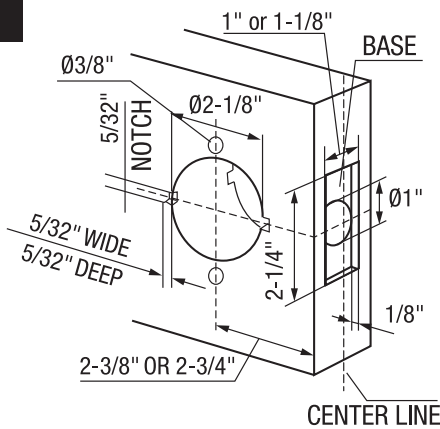
DOOR HANDS DETERMINED FROM OUTSIDE
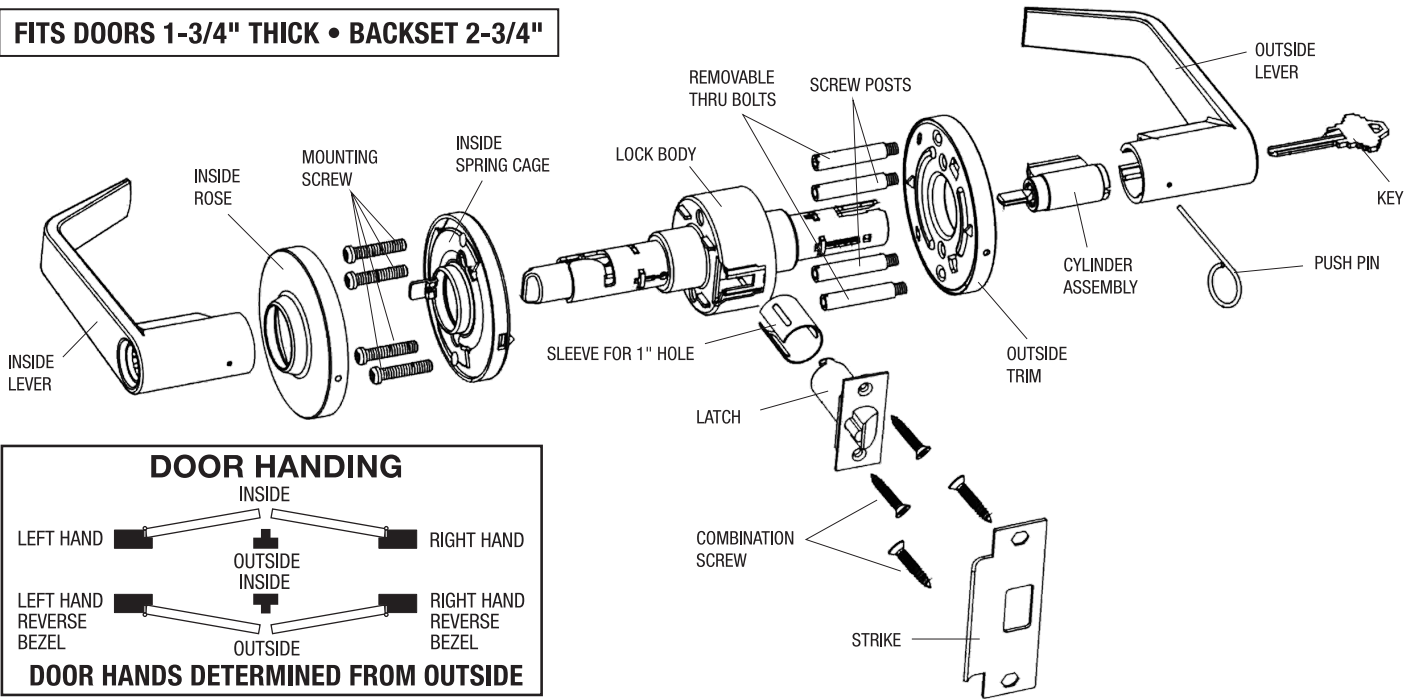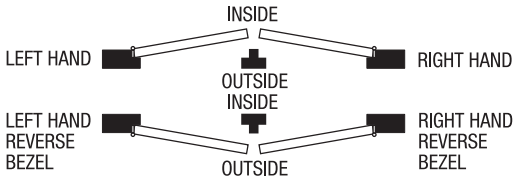
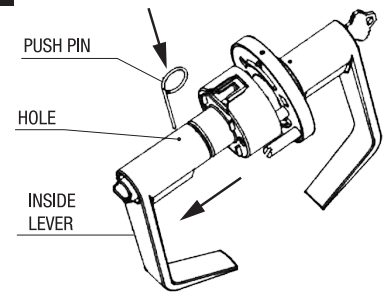## NEW DOOR PREPARATION

1. Fold template on edge of door and mark holes.
2. Drill a 2-1/8" hole.
3. Drill two 3/8" thru bolt holes through face of door. (only if the thru bolts are being used).
4. Drill a 1" hole in edge of door.
5. Cut 5/32" notches on 2-1/8" hole on both sides of door. (very important if not using thru bolts)
6. Mortise door edge 2-1/4" x 1-1/8" x 1/8" for 2-3/4" backset or 2-1/4" x 1" x 1/8" for the optional 2-3/8" backset.
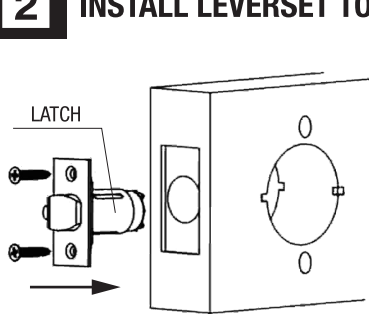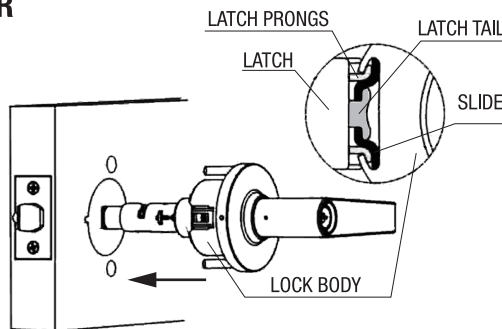
1" or 1-1/8"
BASE
Ø3/8"
Ø2-1/8"
5/32" NOTCH
Ø1"
5/32" WIDE
5/32" DEEP
2-1/4"
1/8"
2-3/8" OR 2-3/4"
CENTER LINE

1 DISASSEMBLE INSIDE LEVER

PUSH PIN
HOLE
INSIDE LEVER

1A: Insert push pin into hole to depress catch and remove the lever.

2 INSTALL LEVERSET TO DOOR

LATCH PRONGS
LATCH TAIL
LATCH
SLIDE
Align the joint blade with line.
INSIDE SPRING CAGE
LATCH
LOCK BODY
LOCK BODY
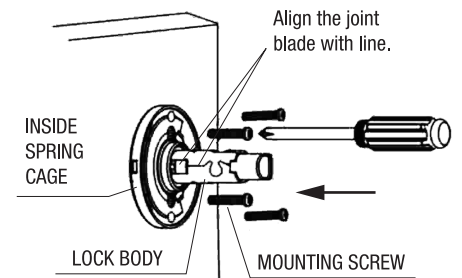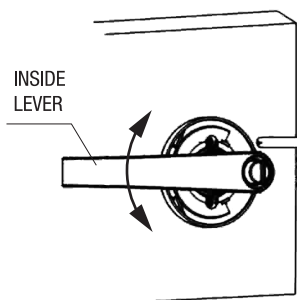MOUNTING SCREW

**2A:** Insert latchbolt and secure with combination screws.

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

2C: Install inside spring cage and tighten screws.

INSIDE LEVER

2D: 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.

INSIDE LEVER
CATCH
PUSH PIN
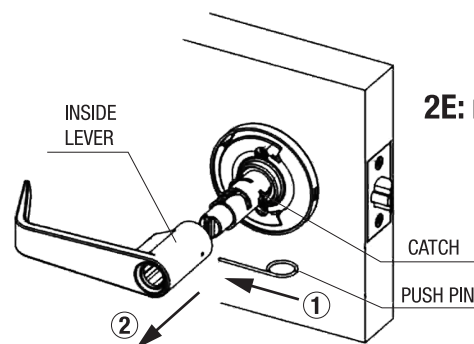
2E: Remove inside lever using push pin.

2 INSTALL LEVERSET TO DOOR (Continued)

Align dimples on rose with rectangular hole in spring cage. Push rose until dimples snap into rectangular hole.
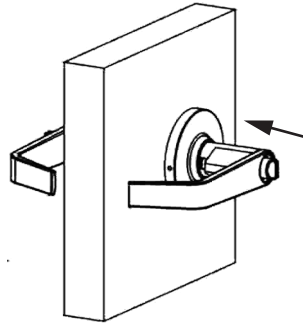
INSIDE SPRING CAGE

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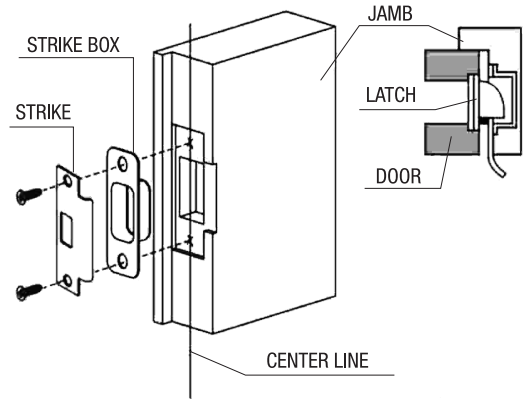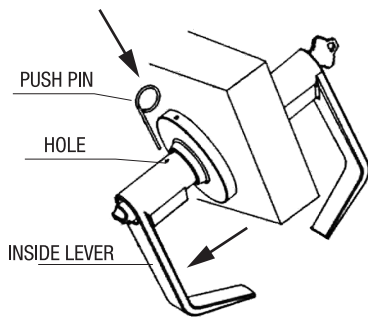
CATCH

INSIDE ROSE

2F: Install inside rose and make sure inside rose and inside spring cage are tightened.

2G: Slide lever onto spindle. Push lever completely into place. (Pull on lever to make sure that catch is fully engaged.

3 INSTALL STRIKE

STRIKE BOX

STRIKE

JAMB

LATCH

DOOR

CENTER LINE

4 INSTRUCTIONS FOR REMOVING AN INSTALLED LOCK FROM THE DOOR

PUSH PIN

HOLE

INSIDE LEVER

INSIDE SPRING CAGE

INSIDE ROSE

TURN AND PULL

Unclench by screwdriver

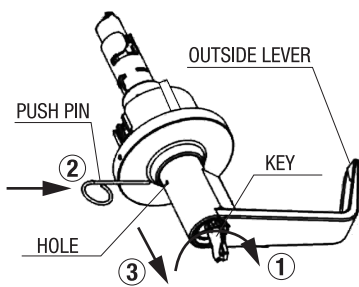**4A:** Insert push pin into hole to depress catch and remove lever.
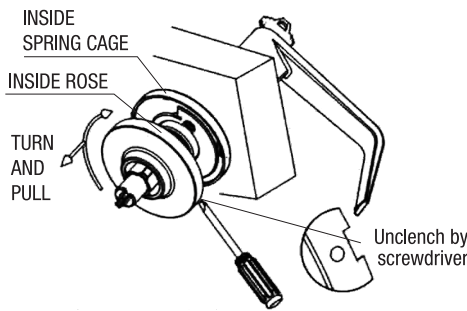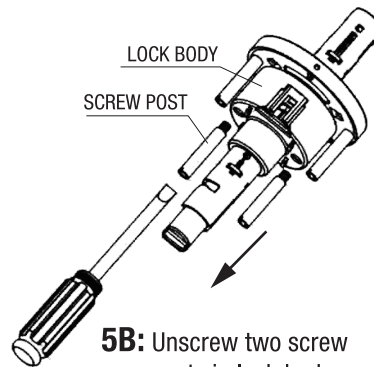
4B: Remove inside rose by turning and pulling off.
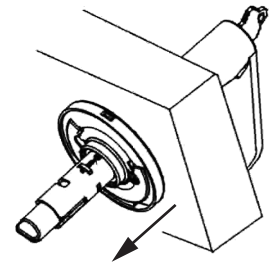
**4C:** Remove mounting screw with screwdriver and inside spring cage.

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

OUTSIDE LEVER

PUSH PIN

KEY

HOLE

②

③

①

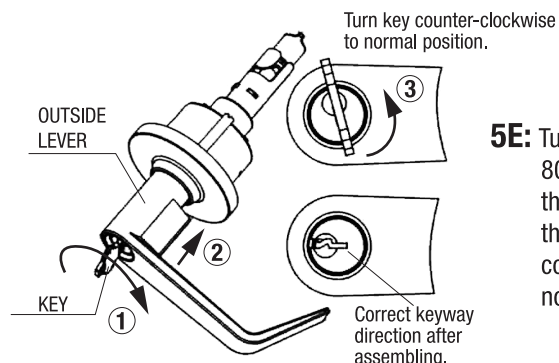**5A:** Turn key 75° clockwise. Insert push pin into hole in outside lever to depress catch. Remove the outside lever.

LOCK BODY

SCREW POST

5B: Unscrew two screw posts in lock body with screwdriver.

CENTER LINE

Catch cannot be covered by rose.
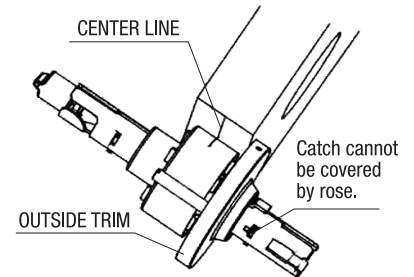
OUTSIDE TRIM

5C: Adjust outside trim according to the door thickness. Make sure the lock body at both sides is symmetrical.

JOINT BLADE

Oppose joint blade to catch.
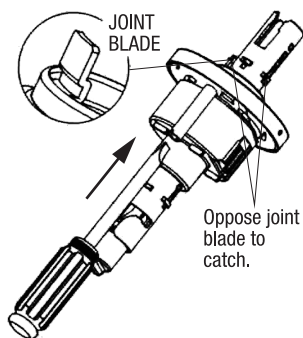
5D: Tighten screw posts again so they hold the outside rose tightly.

OUTSIDE LEVER

KEY

①

②

Correct keyway direction after assembling.

Turn key counter-clockwise to normal position.

③

5E: Turn key approximately 80° clockwise and push the lever all the way onto the spindle. Turn key counter-clockwise to normal position.