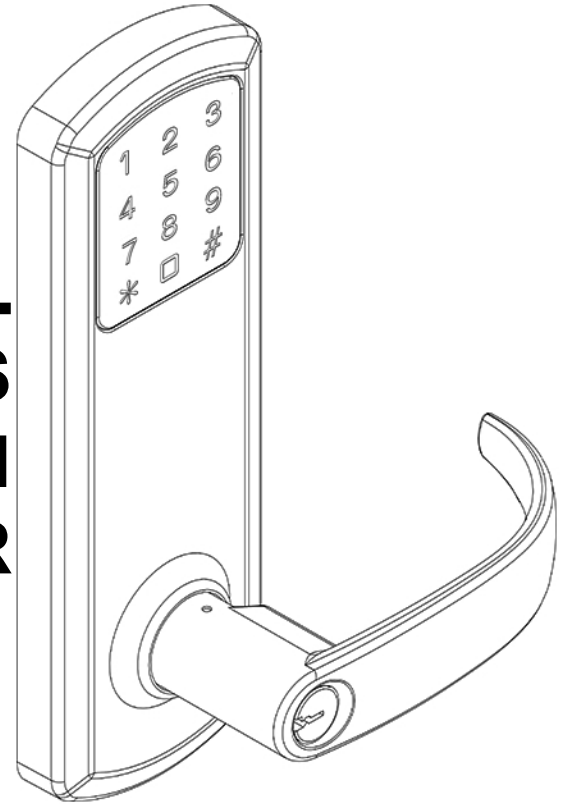
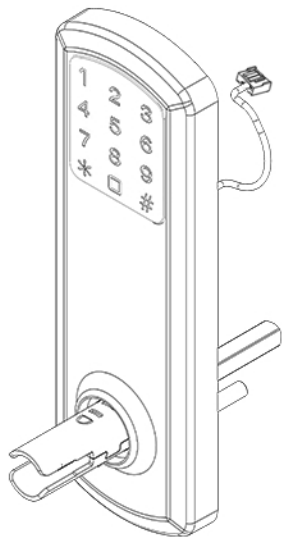


**TOWNSTEEL**  
**E-GENIUS 4000/5000 SERIES**  
**LOCK INSTALLATION**  
**5 1/2" CENTER TO CENTER**

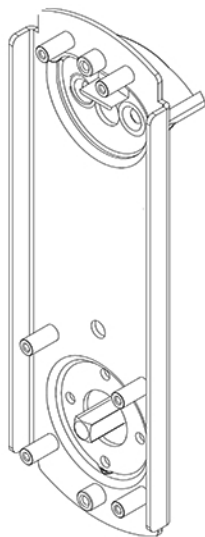


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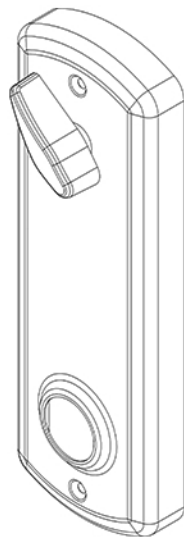
# PACKAGE CONTENT



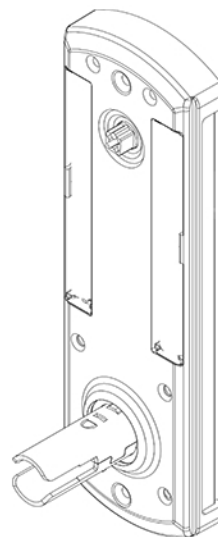
OUTSIDE ASSEMBLY



BACKPLATE



INSIDE  
COVER



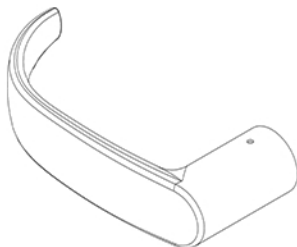
BATTERY TRAY  
ASSEMBLY



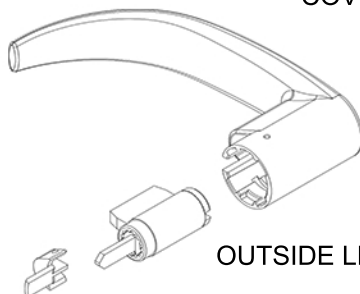
THUMB TURN  
SPINDLE



LEVER REMOVAL  
TOOL

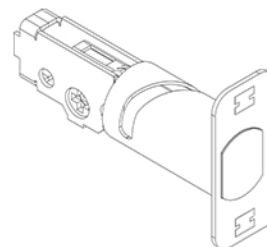


INSIDE LEVER

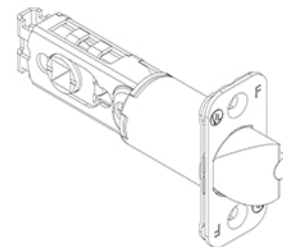


OUTSIDE LEVER

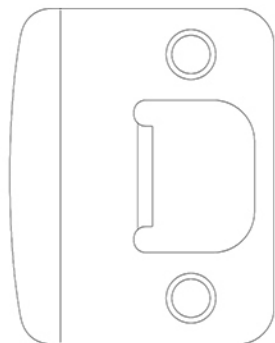
CYLINDER RETAINER & CYLINDER



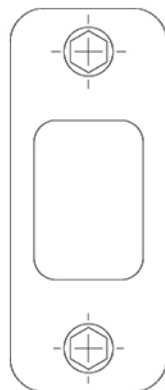
DEADBOLT



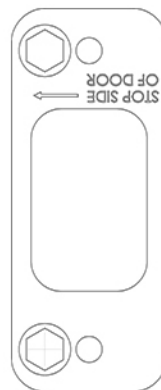
LATCH BOLT



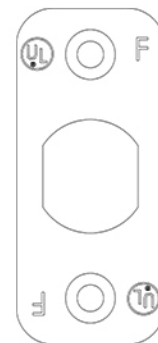
LATCH BOLT STRIKE



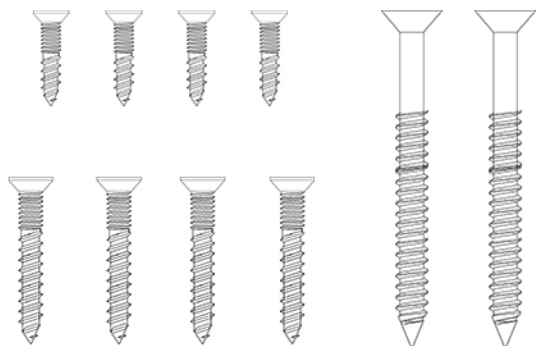
DEADBOLT STRIKE



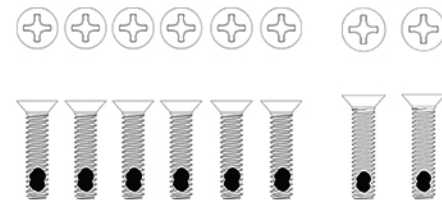
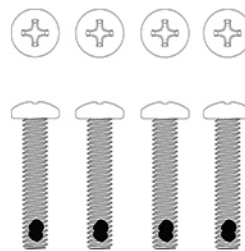
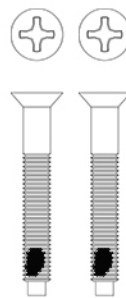
DEADBOLT  
ARMOR STRIKE



DEADBOLT  
FACEPLATE



SCREW PACK FOR FACEPLATE  
AND STRIKE INSTALLATION



SCREW PACK FOR LOCK ASSEMBLY



THIS IS AN INTERCONNECT LOCK. INSIDE IS ALWAYS OPEN. DEADBOLT CAN BE EXTENDED FROM INSIDE OR OUTSIDE BY LIFTING LEVER OR USING THUMBTURN ON INSIDE. FROM INSIDE, ROTATING LEVER DOWN WILL RETRACT BOTH BOLTS. FROM OUTSIDE, A USER CODE OR KEYCARD IS NEEDED TO RETRACT BOTH BOLTS.

## **TOOLS NEEDED FOR LOCK INSTALLATION**

PHILLIPS SCREW DRIVER

FLAT HEAD SCREW DRIVER

### *NOTE:*

*DO NOT USE A POWER DRILL FOR INSTALLATION OF LOCK - IT CAN DAMAGE LOCK*

## **TOOLS MAY BE NEEDED FOR DOOR PREPARATION**

TAPE MEASURE

POWER DRILL (FOR DRILLING HOLES ONLY)

1" AND 2 1/8" DRILL BITS

WOOD CHISEL

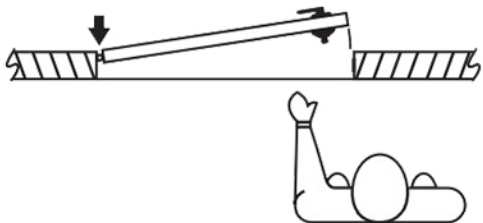
PENCIL

WHEN BATTERIES ARE INSTALLED AND LOCK IS READY TO BE OPERATED, REFER TO PROGRAMMING GUIDE FOR PROGRAMMING INSTRUCTION.

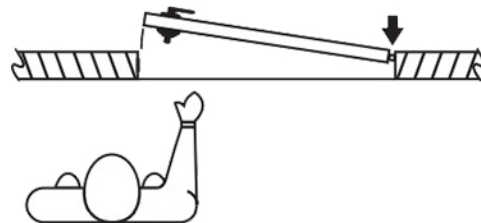
INTERCONNECT LOCK IS HANDED. SEE HANDING INFORMATION BELOW.

## HANDING INFORMATION FROM OUTSIDE

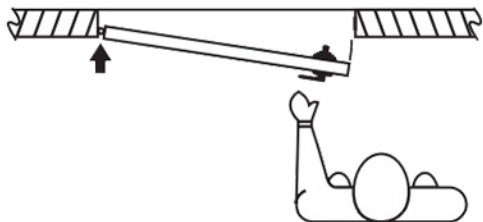
IF HINGES ARE ON THE LEFT,  
AND DOOR OPENS INWARD,  
IT IS A **LEFT HAND DOOR(LH)**



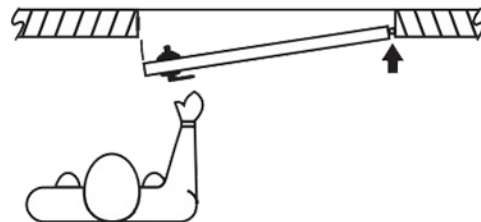
IF HINGES ARE ON THE RIGHT,  
AND DOOR OPENS INWARD,  
IT IS A **RIGHT HAND DOOR(RH)**



IF HINGES ARE ON THE LEFT,  
AND DOOR OPENS OUTWARD,  
IT IS A **LEFT HAND REVERSE DOOR(LHR)**

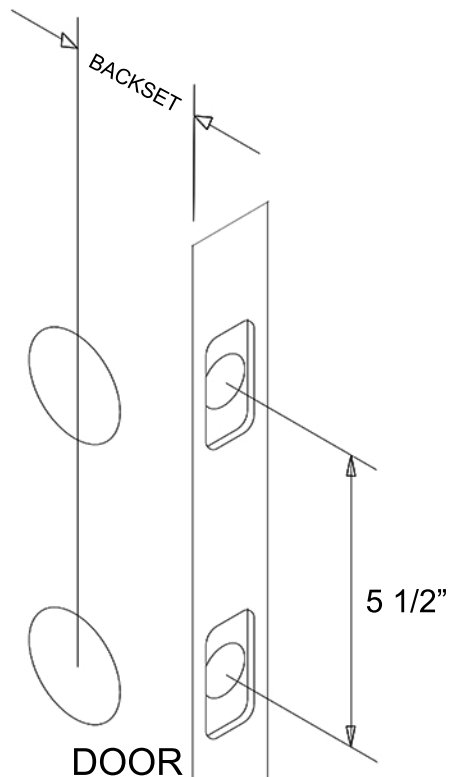


IF HINGES ARE ON THE RIGHT,  
AND DOOR OPENS OUTWARD,  
IT IS A **RIGHT HAND REVERSE DOOR(RHR)**

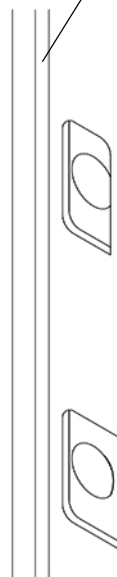


IF HANDING NEEDS TO BE CHANGED, SEE **CHANGING HANDING** (PAGE 21).

PREPARE DOOR AND JAMB PER TEMPLATE PROVIDED. BACKSET IS ADJUSTABLE FOR 2 3/4" OR 2 3/8". BACKSET IS DIMENSION FROM EDGE OF THE DOOR TO CENTERLINE OF LOCK.



DOOR STOP

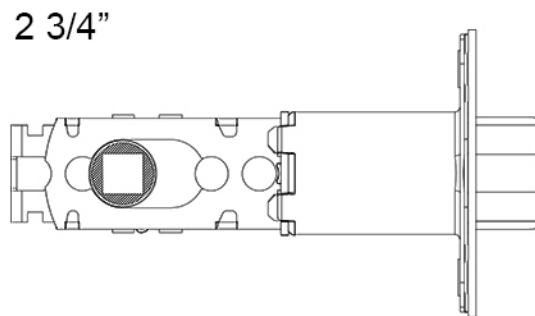
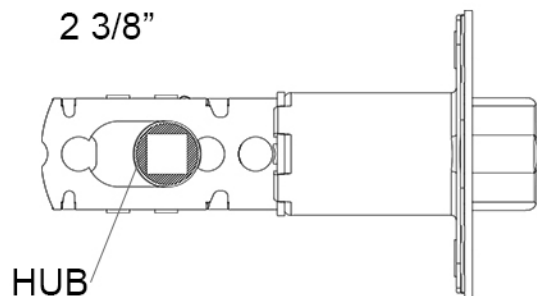


**IMPORTANT:**

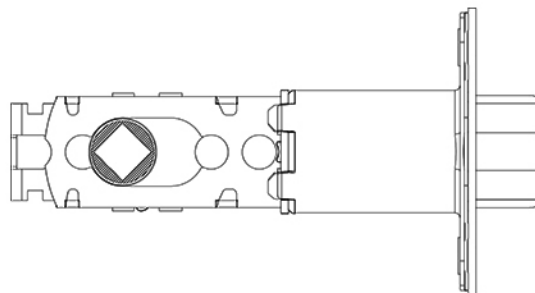
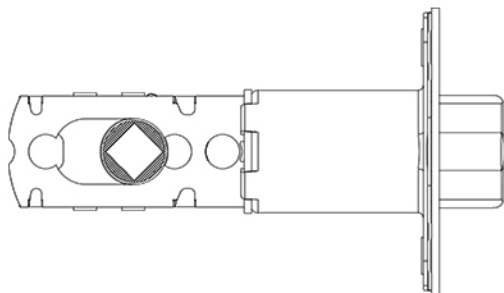
DOOR STOP IS WHERE DOOR WILL STOP WHEN NORMALLY OPERATED. STOP INCLUDES ANY GASKET, SMOKE SEAL, OR BUMPERS. POSITION OF STRIKES ARE TO BE MEASURED FROM WHERE DOOR ACTUALLY STOPS. DEADBOLT, WHEN THROWN, CANNOT HAVE ANY INTERFERENCE WITH DEADBOLT STRIKE. IF THERE IS ANY INTERFERENCE, STRIKES NEED TO BE ADJUSTED FOR LOCK TO WORK PROPERLY.

# STEP 1

ADJUST LATCH BOLT BY ADJUSTING HUB.

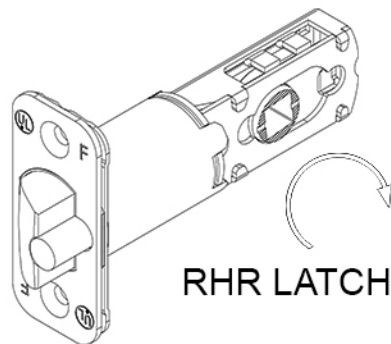
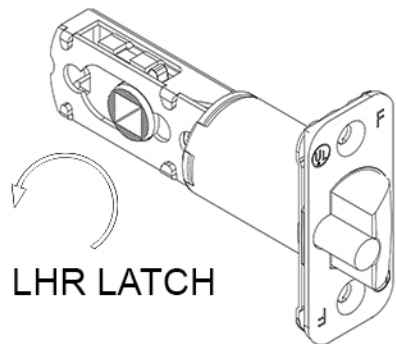
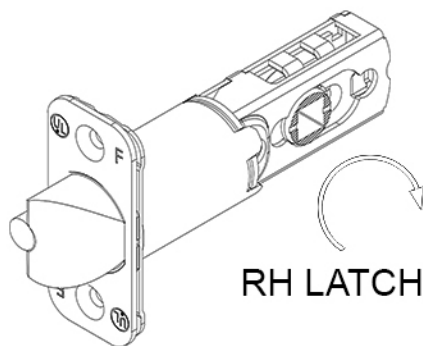
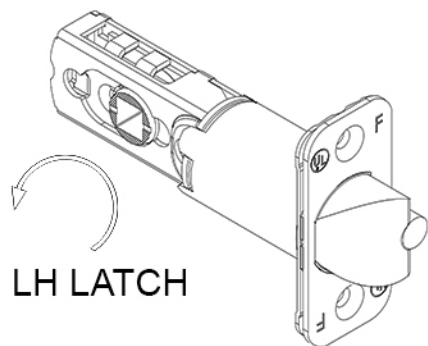


*TO ADJUST FROM 2 3/8" TO 2 3/4", ROTATE HUB ON THE DIAGONAL AS SHOWN BELOW. PULL HUB TO THE LEFT. PUSH HUB TO THE RIGHT TO GO BACK TO 2 3/8".*

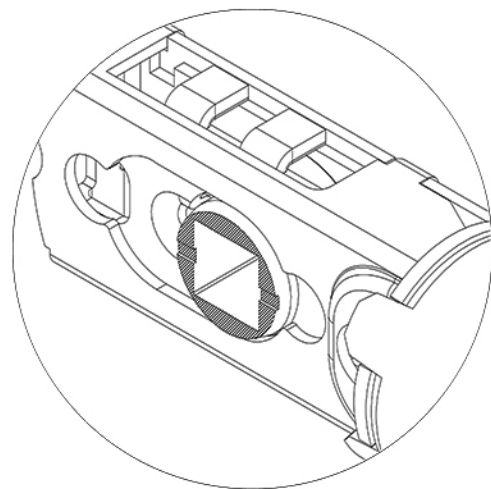


# STEP 2

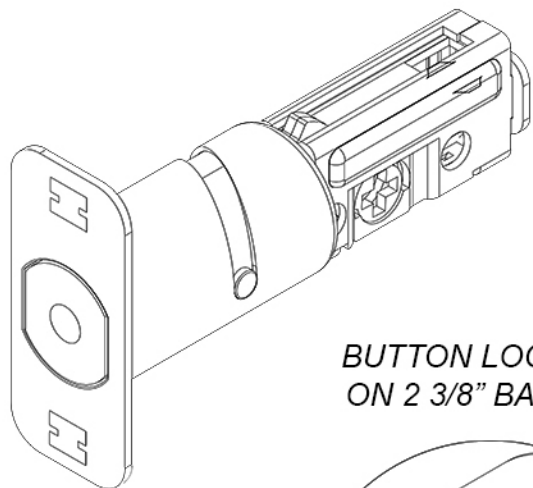
AFTER SETTING BACKSET, LATCH BOLT NEEDS TO BE HANDED FOR LH, RH, LHR, AND RHR DOORS. ROTATE HUB AS SPECIFIED.



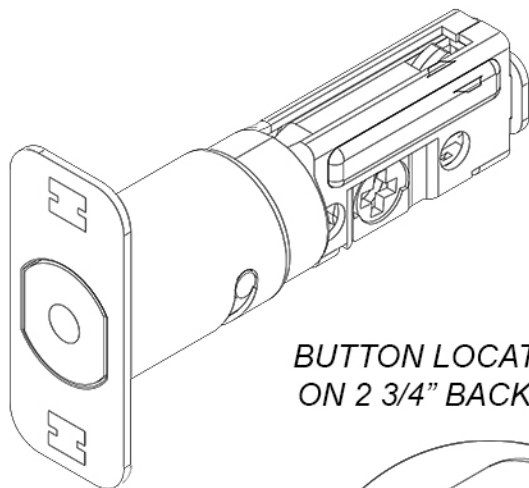
*HUB POSITION AFTER ROTATION*



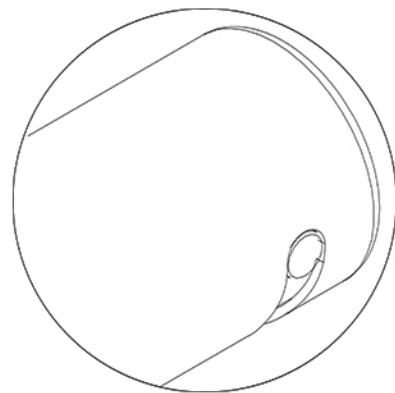
ADJUST DEADBOLT BACKSET BY TWISTING.



*BUTTON LOCATION  
ON 2 3/8" BACKSET*

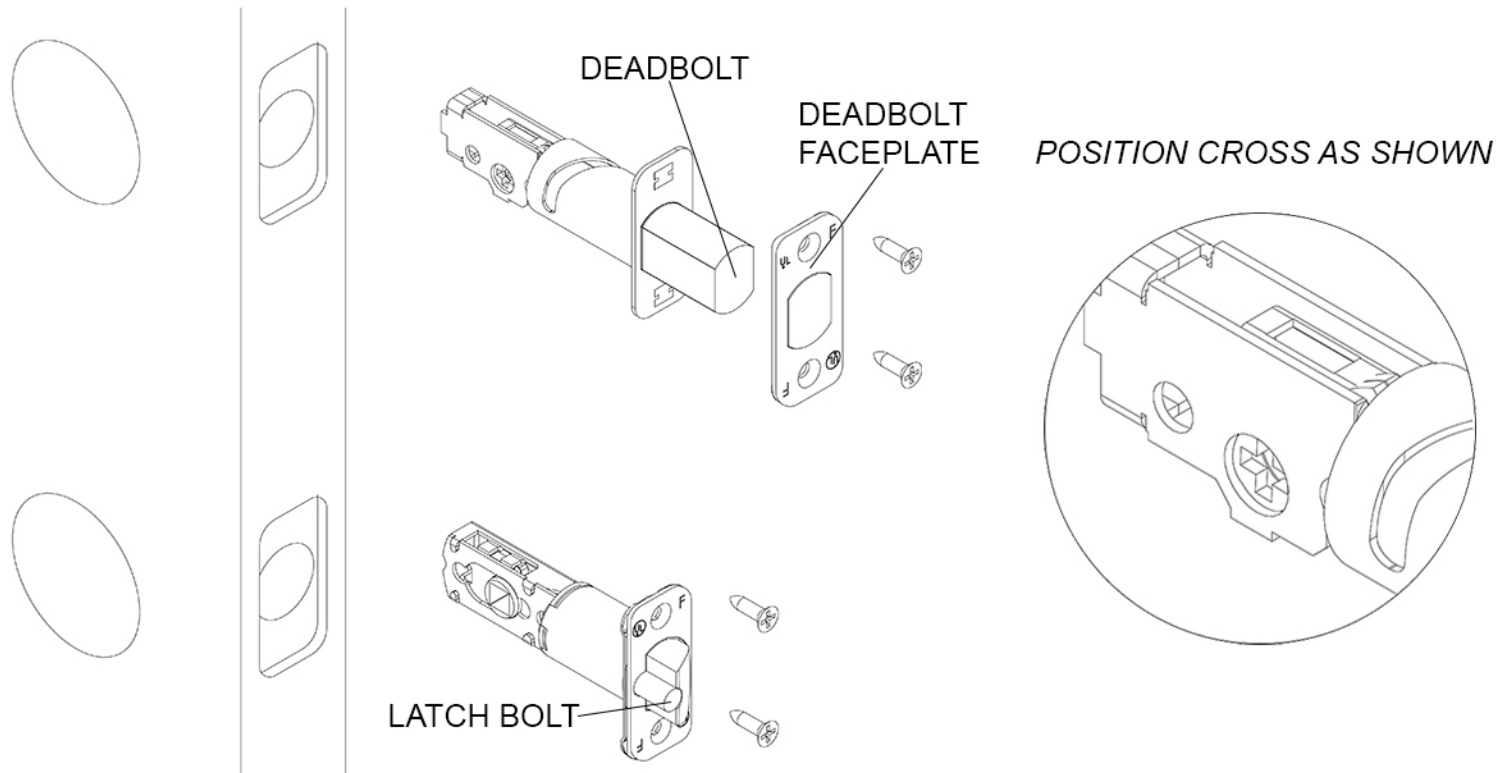


*BUTTON LOCATION  
ON 2 3/4" BACKSET*

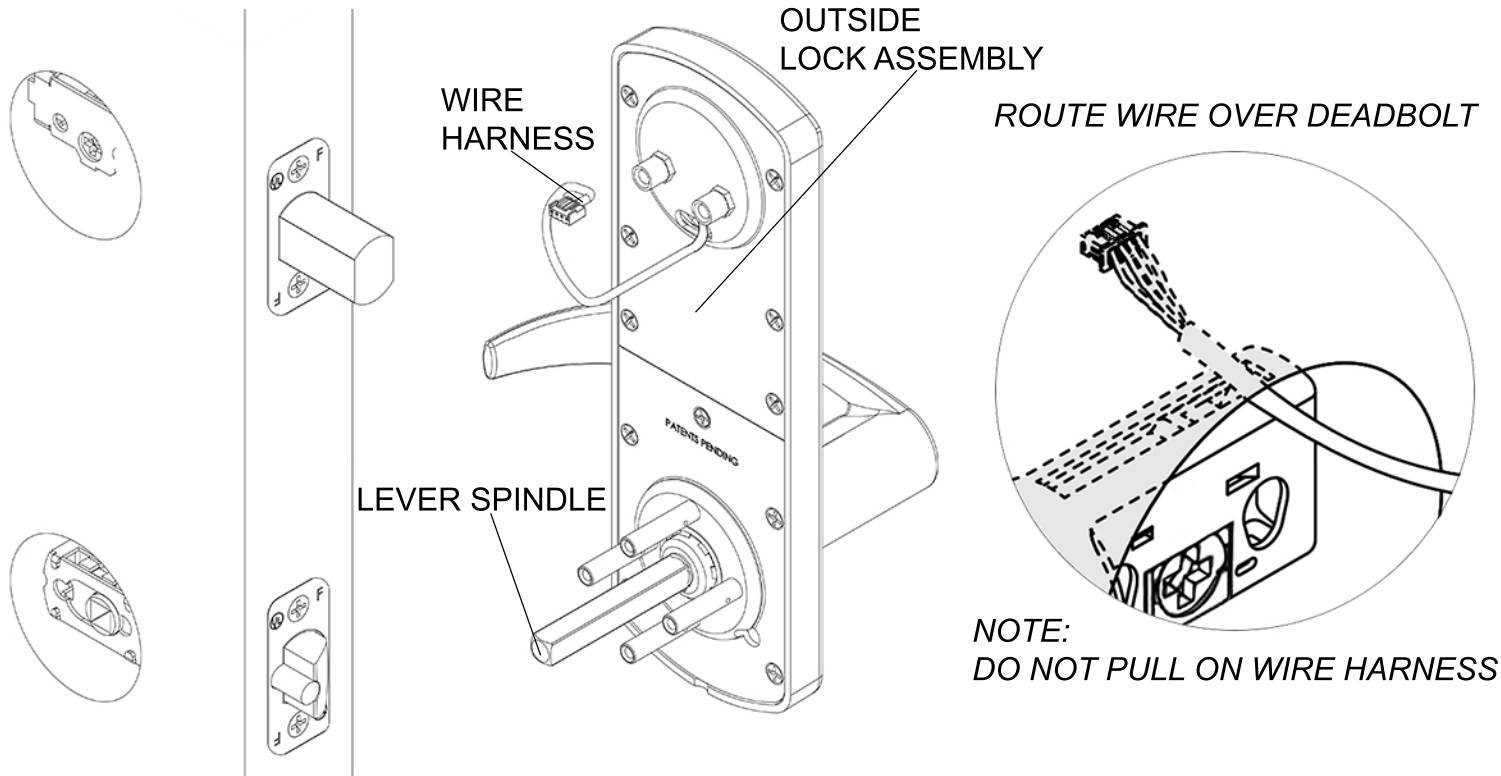


# STEP 4

EXTEND DEADBOLT. INSTALL DEADBOLT, DEADBOLT FACEPLATE, AND LATCH BOLT AS SHOWN (RH SHOWN). SECURE WITH 4 SCREWS.



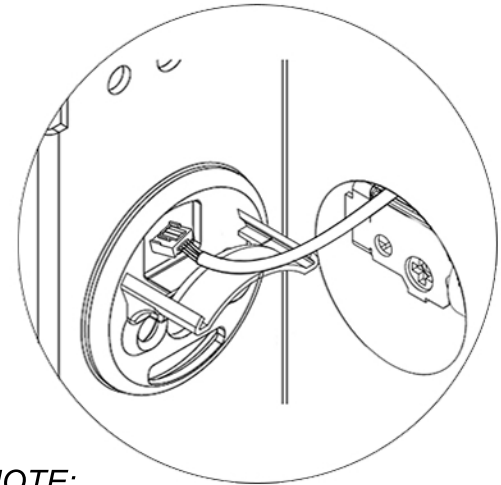
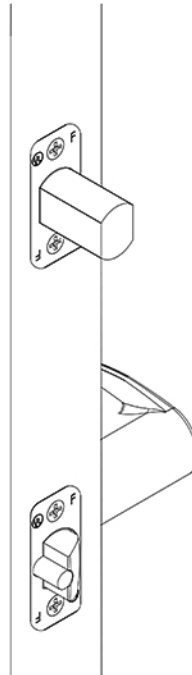
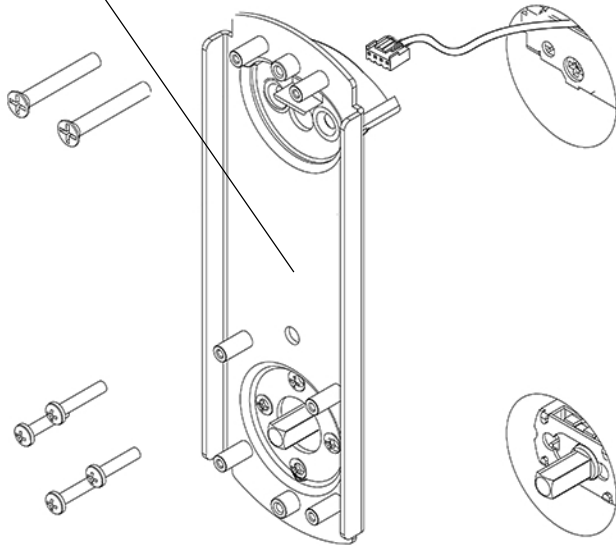
ALIGN OUTSIDE LOCK ASSEMBLY AND INSTALL ONTO DOOR FACE. LEVER SPINDLE GOES THROUGH LATCH HUB. CAREFULLY GUIDE WIRE HARNESS THROUGH AND OVER DEADBOLT HOUSING.





ALIGN BACKPLATE AND INSTALL ON DOOR. GUIDE WIRE HARNESS ABOVE SHELF ON BACKPLATE AND DOWN THROUGH SLOT. SECURE TOP OF BACKPLATE WITH 2 SCREWS THAT GO THROUGH DEADBOLT HOUSING - DO NOT TIGHTEN UNTIL ALL SCREWS ON BACKPLATE ARE INSTALLED. SECURE BOTTOM OF BACKPLATE WITH 4 SCREWS. TIGHTEN ALL SCREWS ON BACKPLATE.

BACKPLATE



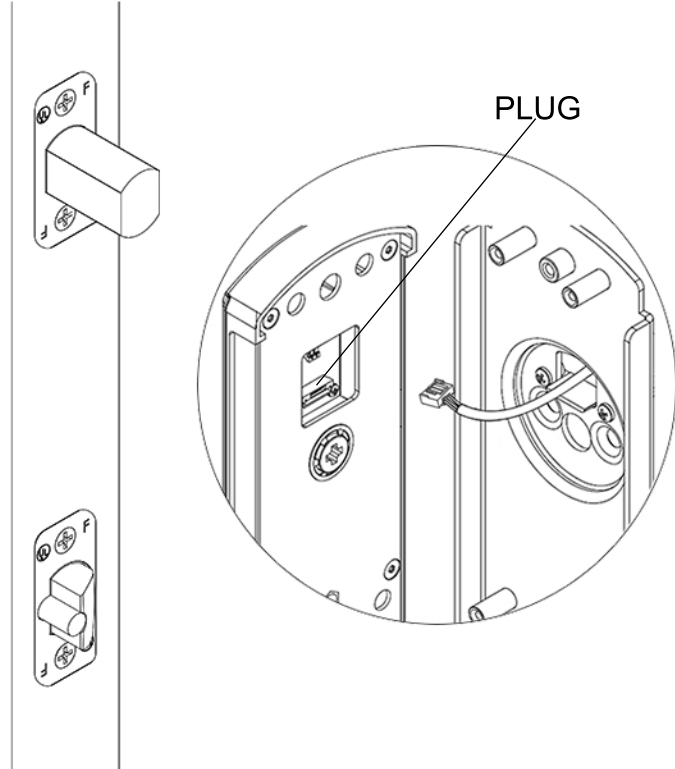
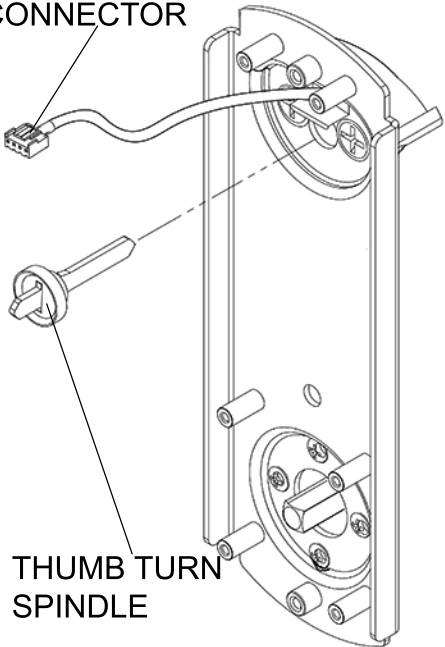
**NOTE:**  
*DO NOT PULL ON WIRE HARNESS*

# STEP 7

INSTALL THUMB TURN SPINDLE AS SHOWN. PLUG IN CONNECTOR FROM LOCK ASSEMBLY INTO PLUG ON BACK OF BATTERY TRAY.

BATTERY TRAY

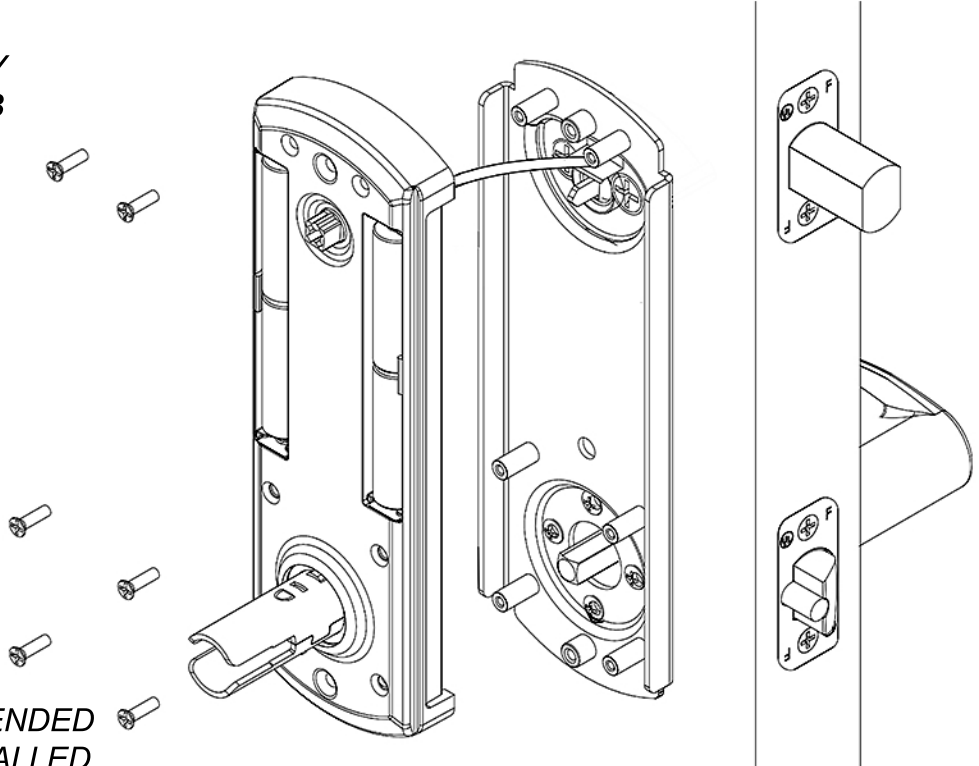
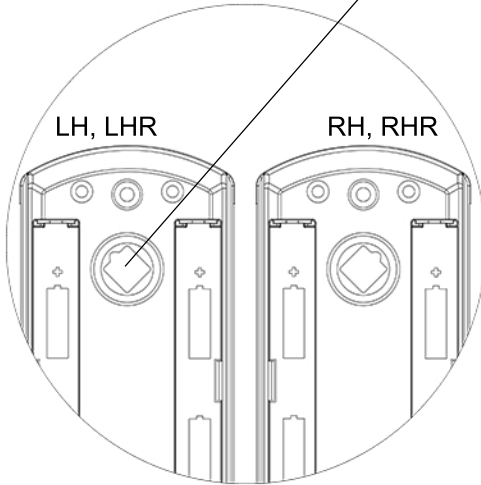
CONNECTOR



# STEP 8

SET HANDING ON BATTERY TRAY. PUSH EXCESS WIRE INTO HOLE AND INSTALL OVER BACKPLATE. BATTERY TRAY SHOULD SIT FLUSH WITHOUT INTERFERENCE. DO NOT PINCH WIRE HARNESS. SECURE BATTERY TRAY WITH 6 SCREWS.

SET HANDING ON BATTERY TRAY BY ORIENTATION OF **THUMB TURN HUB**



**NOTE:** CONFIRM DEADBOLT IS EXTENDED AND THUMB TURN SPINDLE IS INSTALLED

# STEP 9

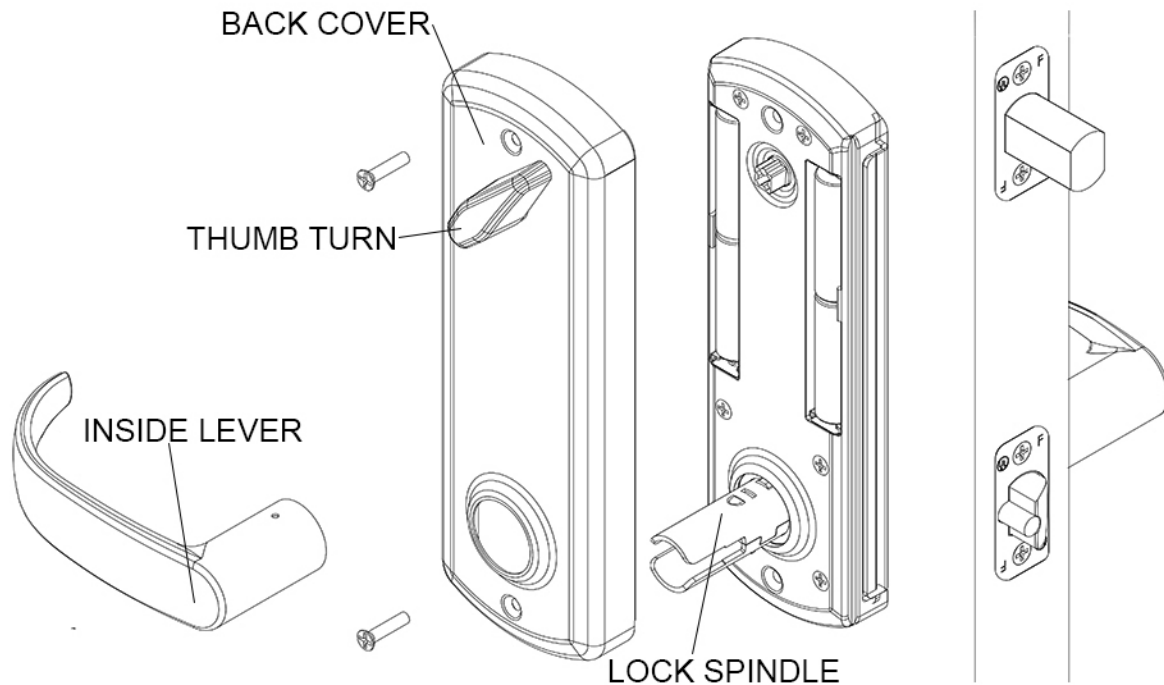
INSTALL 4 AA ALKALINE BATTERIES INTO BATTERY TRAY. USE ONLY ALKALINE BATTERIES FOR INTERCONNECT LOCK.

*WHEN BATTERIES ARE INSTALLED, YOU WILL HEAR MOTOR MOVE, SEE THE LED LIGHT UP, AND HEAR A QUICK SERIES OF BEEPS.*

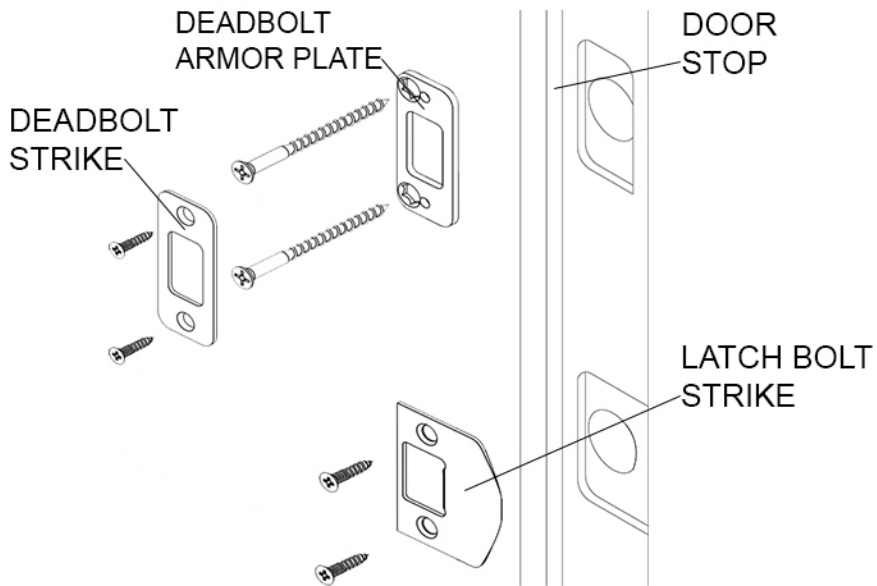


# STEP 10

PLACE BACK COVER OVER BATTERY TRAY. MAKE SURE THUMB TURN ON BACK COVER IS ORIENTED PROPERLY. ROTATE THUMB TURN UNTIL IT FALLS INTO PLACE - DO NOT FORCE IT. SECURE BACK COVER WITH 2 SCREWS. SLIDE INSIDE LEVER ONTO LOCK SPINDLE. LEVER CATCH IS ON UNDERSIDE OF LEVER AND IT SHOULD SNAP INTO PLACE. PULL LEVER TO MAKE SURE IT IS SECURE.



INSTALL DEADBOLT ARMOR PLATE, DEADBOLT STRIKE, AND LATCH BOLT STRIKE. SECURE WITH 6 SCREWS.



*REMEMBER, DOOR STOP IS WHERE DOOR WILL STOP WHEN NORMALLY OPERATED. STOP INCLUDES ANY GASKET, SMOKE SEAL, OR BUMPERS. POSITION OF STRIKES ARE TO BE MEASURED FROM WHERE DOOR ACTUALLY STOPS. DEADBOLT, WHEN THROWN, CANNOT HAVE ANY INTERFERENCE WITH DEADBOLT STRIKE. IF THERE IS ANY INTERFERENCE, STRIKES NEED TO BE ADJUSTED FOR LOCK TO WORK PROPERLY.*

### **IMPORTANT:**

MAKE SURE LOCK OPERATES PROPERLY BEFORE CLOSING DOOR. FROM INSIDE, LIFTING LEVER SHOULD EXTEND DEADBOLT AND ROTATING LEVER DOWN SHOULD RETRACT BOTH BOLTS. FROM OUTSIDE, LIFTING LEVER SHOULD EXTEND DEADBOLT. WAKE UP KEYPAD BY SWIPING ACROSS THE SURFACE AND ENTER 1-2-3-4-5-6-#. THE LED WILL LIGHT RED THEN GREEN. ROTATING LEVER DOWN SHOULD RETRACT BOTH BOLTS.

CHANGING THE HANDING SHOULD NOT BE NEEDED. LOCK IS SHIPPED WITH HANDING SPECIFIED. SEE SHIPPING CONFIRMATION OR BOX FOR DETAILS.

IF HANDING NEEDS TO BE CHANGED FROM RIGHT HAND TO LEFT HAND (OR LEFT HAND TO RIGHT HAND), HANDING MUST BE CHANGED ON OUTSIDE ASSEMBLY. THIS ENTAILS CHANGING A SOCKET HEAD SCREW ON THE BACK OF OUTSIDE ASSEMBLY. ALSO, LATCH BOLT AND LEVERS NEED TO BE ADJUSTED.

SEE:

***ADDENDUM D TO CHANGE HANDING ON OUTSIDE ASSEMBLY***  
***ADDENDUM B & C TO REMOVE AND ADJUST LEVERS***  
***STEP 2 TO ADJUST LATCH BOLT***

IF HANDING NEEDS TO BE CHANGED FROM RIGHT HAND TO RIGHT HAND REVERSE (OR LEFT HAND TO LEFT HAND REVERSE), ONLY THE LATCH BOLT ORIENTATION NEEDS TO BE CHANGED.

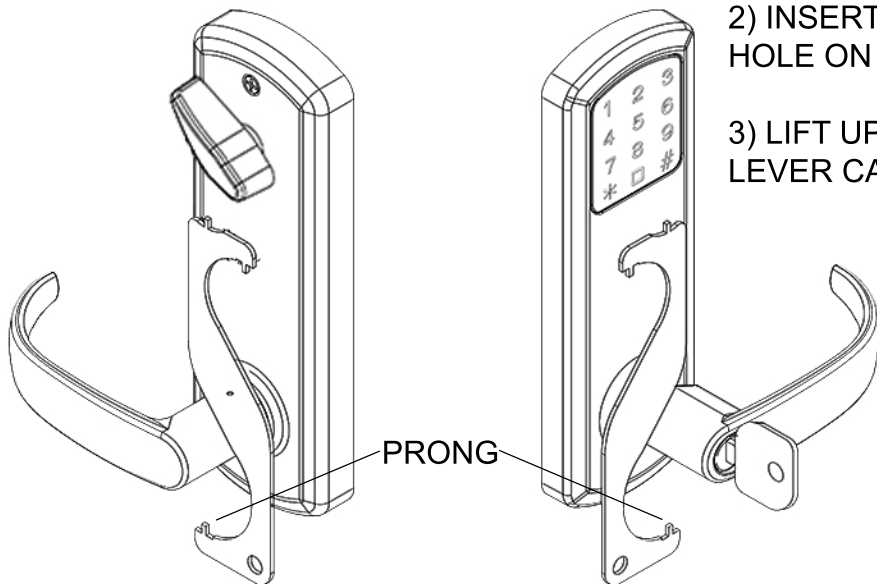
SEE:

***STEP 2 TO ADJUST LATCH BOLT***

## REMOVE INSIDE LEVER

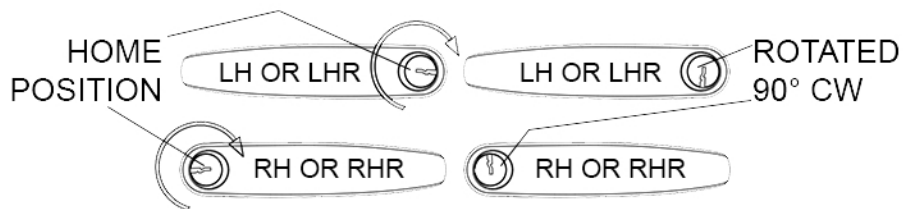
1) INSERT PRONG ON LEVER REMOVAL TOOL IN HOLE ON UNDERSIDE OF LEVER.

2) LIFT UP LEVER REMOVAL TOOL TO DEPRESS LEVER CATCH AND PULL LEVER OFF.



## REMOVE OUTSIDE LEVER

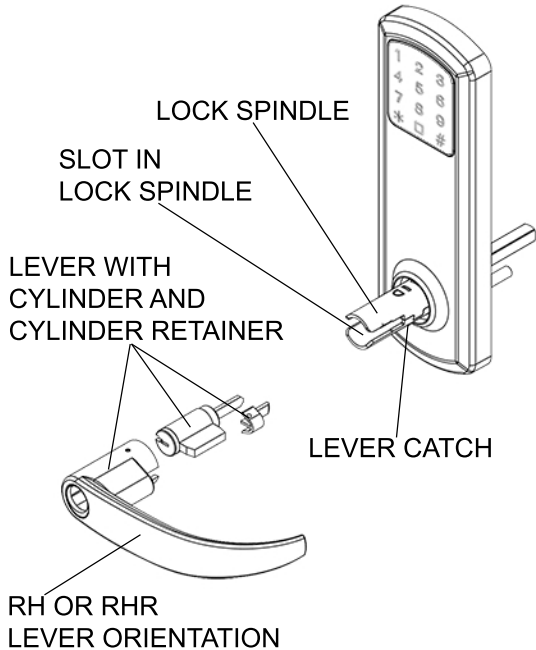
1) INSTALL MECHANICAL KEY AND ROTATE IT 90° CLOCKWISE.



2) INSERT PRONG ON LEVER REMOVAL TOOL IN HOLE ON UNDERSIDE OF LEVER.

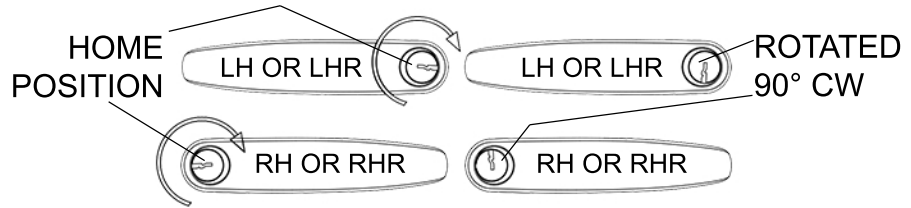
3) LIFT UP LEVER REMOVAL TOOL TO DEPRESS LEVER CATCH AND PULL LEVER OFF.





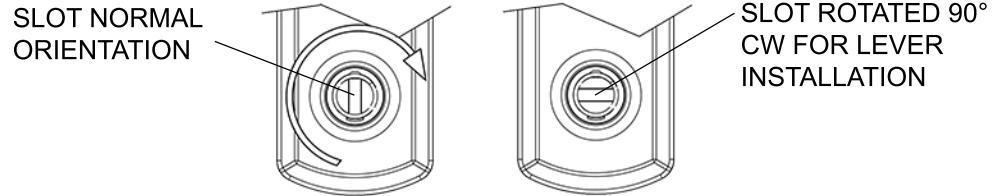
## INSTALL OUTSIDE LEVER

1) INSERT KEY AND ROTATE SLOT 90° CLOCKWISE(CW).



*\*NOTE: LH LEVER AND RH LEVER ORIENTATION*

2) USE A FLAT HEAD SCREW DRIVER TO ROTATE SLOT IN SPINDLE 90° CW ON OUTSIDE ASSEMBLY.

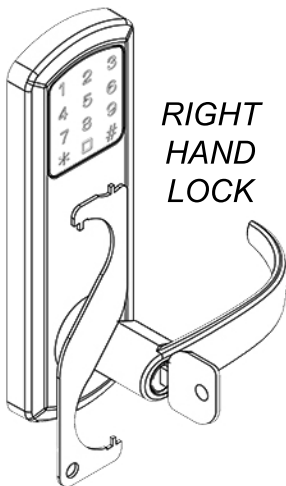


3) WITH KEY INSERTED AND ROTATED 90° CW, PUSH LEVER ONTO OUTSIDE ASSEMBLY WHILE THE SLOT IS ALSO ROTATED 90° CW. LEVER SHOULD SEAT ON SPINDLE. ROTATE KEYWAY BACK TO HOME POSITION AND PULL OUT KEY. PULL LEVER TO MAKE SURE LEVER IS SECURE.

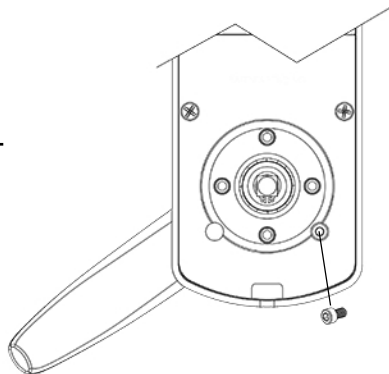
## CHANGE HANDING ON OUTSIDE ASSEMBLY

*FOR THIS EXAMPLE,  
WE WILL BE CHANGING  
THE HANDING FOR  
RIGHT HAND LOCK TO  
LEFT HAND LOCK.*

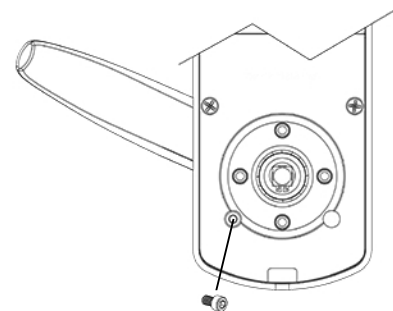
1) REMOVE LOCK ASSEMBLY FROM DOOR.



2) ROTATE LEVER DOWN ON OUTSIDE ASSEMBLY, AND USE A 7/64" HEX WRENCH TO REMOVE SOCKET HEAD SCREW FROM BACK OF OUTSIDE ASSEMBLY.



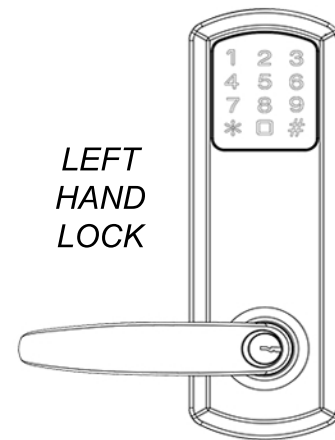
3) TO CHANGE HANDING, ROTATE LEVER UP AND INSTALL SOCKET HEAD SCREW ON THE LEFT SIDE OF LOCK ASSEMBLY.



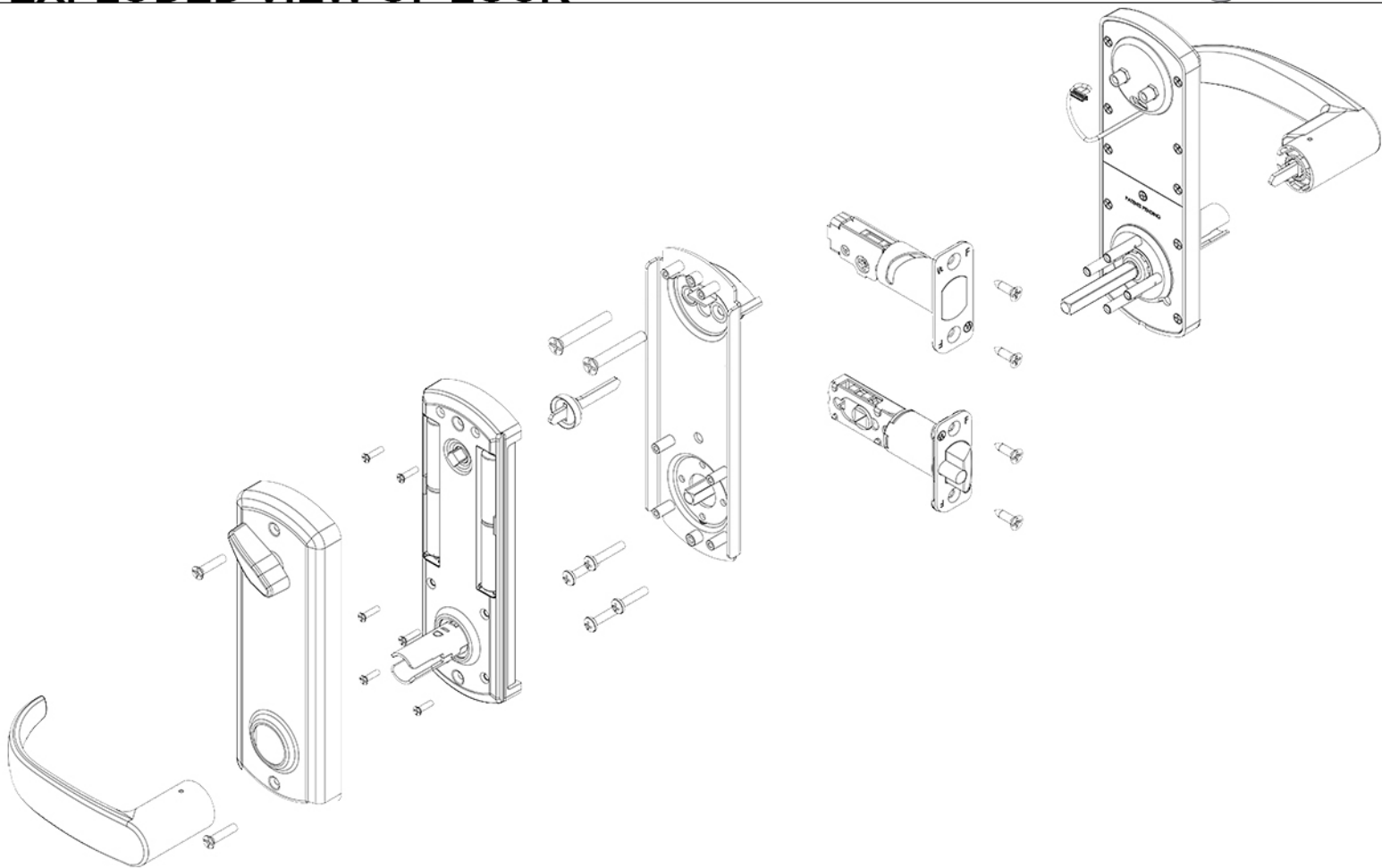
4) RE-INSTALL LOCK ASSEMBLY ON DOOR.

*\*BE SURE TO CHANGE  
LEVER TO NEW HANDING.  
SEE **INSTALL OUTSIDE  
LEVER** FOR MORE  
INFORMATION.*

**LEFT  
HAND  
LOCK**



# EXPLODED VIEW OF LOCK



## PROBLEM

KEYPAD DOES NOT LIGHT UP

LATCH BOLT RETRACTS WHEN LEVER IS ROTATED UP, NOT DOWN

ROTATING OUTSIDE LEVER UP WILL NOT EXTEND DEADBOLT

KEY WILL NOT COME OUT OF LEVER AFTER INSTALLATION

OUTSIDE LEVER RETRACTS DEADBOLT AND LATCH BOLT WITHOUT A KEY, USER CODE OR KEY CARD

DEADBOLT BINDS OR DOES NOT FULLY EXTEND

## CAUSE

BATTERIES ARE DEAD

KEYPAD IS LOCKED OUT DUE TO X INCORRECT CODES

NOT FULLY PLUGGED IN WIRES OR PINCHED WIRES

HUB ON LATCH BOLT WAS NOT INSTALLED CORRECTLY

DEADBOLT WAS NOT EXTENDED DURING INSTALLATION

KEY CYLINDER WAS NOT INSTALLED CORRECTLY

HANDING ON OUTSIDE ASSEMBLY WAS NOT PROPERLY SET

STRIKES ARE NOT ALIGNED

## SOLUTION

REPLACE BATTERIES BY REMOVING BACK COVER

WAIT 60 SECONDS AND TRY AGAIN

CHECK WIRE CONNECTION

TAKE LOCK OFF DOOR, RE-ADJUST LATCH BOLT (SEE STEP 2)

REMOVE INSIDE LEVER, BACK COVER, AND BATTERY TRAY EXTEND DEADBOLT AND RE-INSTALL PARTS (SEE STEP 8)

USE LEVER REMOVAL TOOL TO REMOVE LEVER AND RE-INSTALL CYLINDER CORRECTLY (SEE ADENDUM C)

TAKE LOCK OFF DOOR. ADJUST HANDING ON OUTSIDE ASSEMBLY AND RE-INSTALL PARTS (SEE ADENDUM D)

ADJUST STRIKES (SEE STEP 11)

VISIT [WWW.TOWNSTEEL.COM](http://WWW.TOWNSTEEL.COM) FOR MORE.

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