LOCKLY DUO™



INSTALLATION GUIDE

INTERCONNECTED EDITION

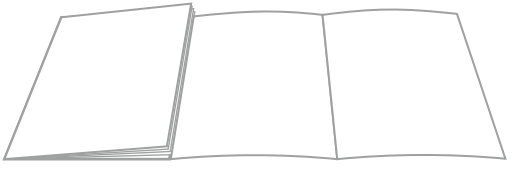
Go to Lockly.com/pages/installation to watch a video version of this installation guide.

OR

Download the BILT app in the Apple or Google Play store for step-by-step interactive 3-D walk-through installation instructions.

Welcome!

This guide will walk you through step-by-step how to install and get your Lockly Duo™ up and running. Installation generally takes less than 30 minutes. If you have any questions please reference our online support at: Lockly.com/support or call (669) 500-8835 for help.

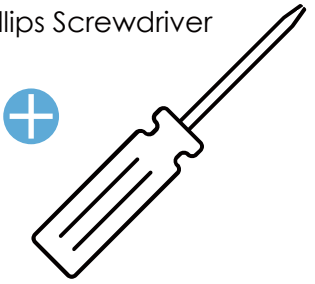


Reference installation parts overview foldout on back page

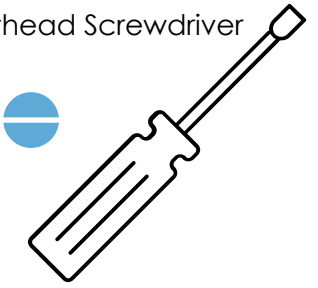
Preparation

To complete the installation you will need:

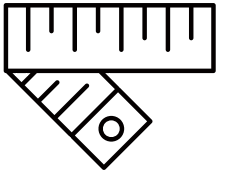
Phillips Screwdriver



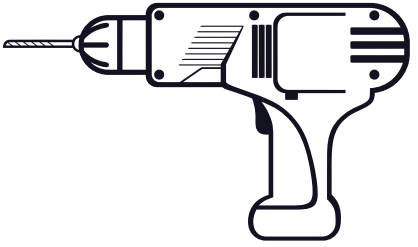
Flathead Screwdriver



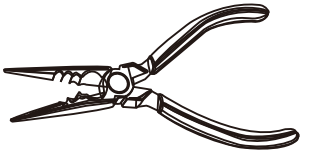
Tape measure or ruler



Optional



Screwdriver with drill bits

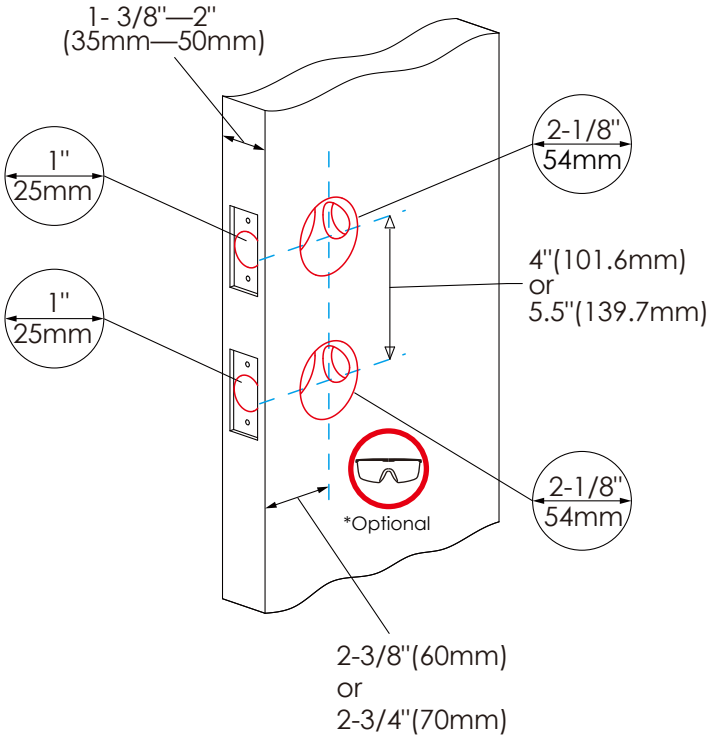


Pliers

Drilling maybe required to install this lock. If you are installing your lock on a brand new door, a drill is required if there are no holes prepared for lock installation. Use provided template to bore holes on door.

Preparation

Remove existing door hardware, latch or deadbolts before installing the new lock.
Use provided template to bore new holes if needed.



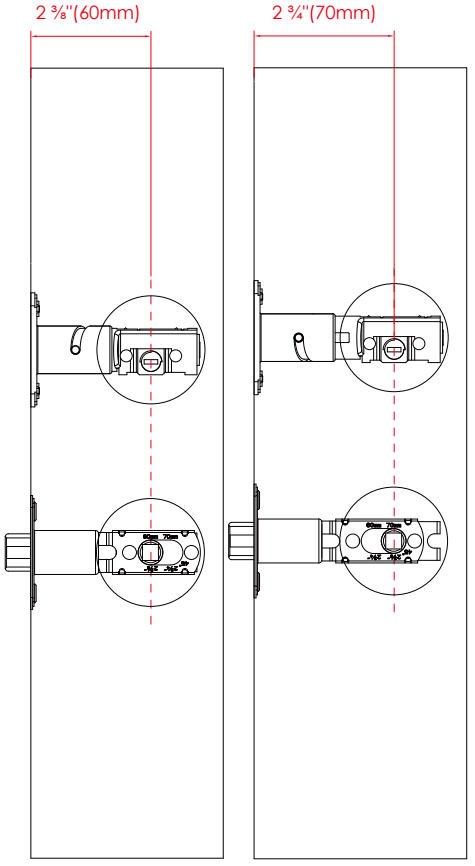
1. Measure and confirm your door is between 1-3/8" - 2" (35mm - 50mm).
2. Measure and confirm the hole in the door is 2-1/8" (54mm).
3. Measure and confirm that the backset is between 2-3/8" (60mm) to 2-3/4" (70mm).
4. Measure and confirm that hole in the door edge is 1" (25mm).
5. Measure and confirm that distance between front door holes is 4"(101.6mm) or 5.5"(139.7mm)

IMPORTANT NOTICE

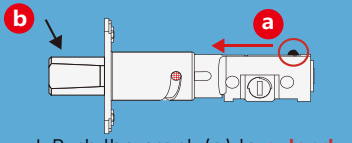
* Use goggles to protect your eyes if you need to drill door holes.

Step 1

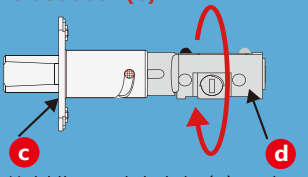
1 Measure the distance between center of front door hole to the edge of your door hole to determine the backset. Adjust latchbolt **F** and deadbolt **J** according to the backset of your door.



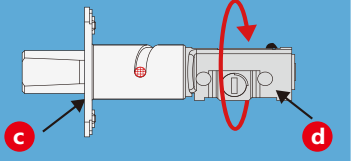
Deadbolt Adjustment



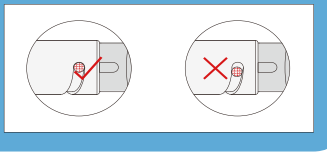
I. Push the crank (a) to **extend the deadbolt (b)**



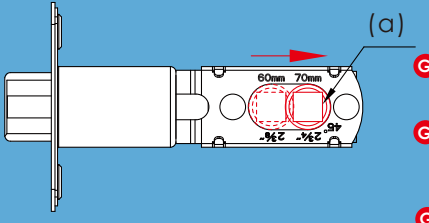
II. Hold the metal plate (c) and twist the deadbolt body (d) clockwise till it snaps to 2-3/8"



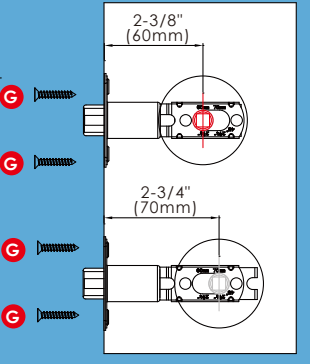
III. To return to default status,while the deadbolt (b) is extended, hold the metal plate (c) and twist the dead bolt body (d) counter-clock-wise till it snaps to 2-3/4"



Latchbolt Adjustment

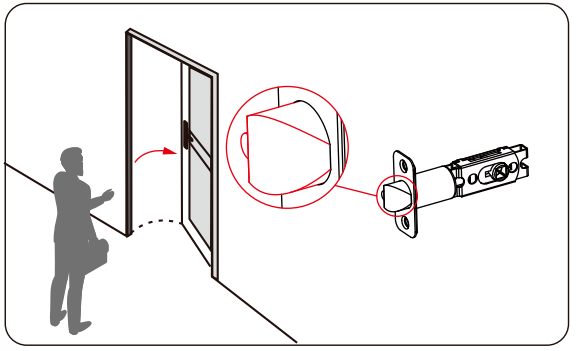


Push the shaft (a) to adjust the lockset to 2-3/8"(60mm) or 2-3/4"(70mm).



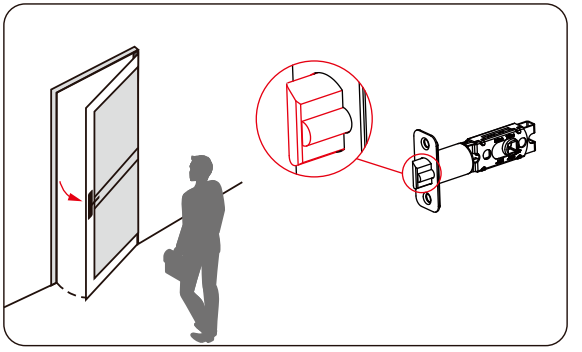
2 After adjusting the latchbolt **F**, determine the orientation of the latchbolt. Determine the orientation of latchbolt. Facing the door exterior, install the latchbolt according to the opening direction of your door.

In-swing Door



OR

Out-swing Door



3 Install deadbolt **J** (**top**) and latchbolt **F** (**bottom**) to door and secure with screws **G**. Retract deadbolt and make sure bore hole is horizontally positioned.

PGA018



5.5"

PGA019

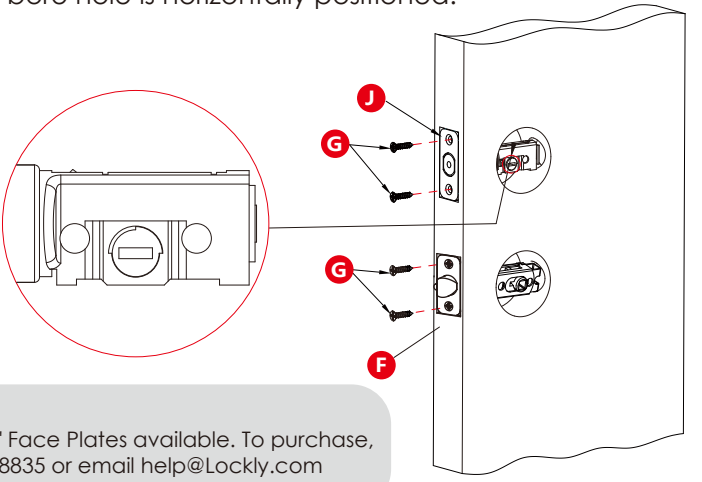


4"

PGA019S



For mortise slot



Optional: Stainless steel mortise slot cover, 4" or 5.5" Face Plates available. To purchase, please call our Customer Service hotline (669) 500-8835 or email help@Lockly.com

Step 2

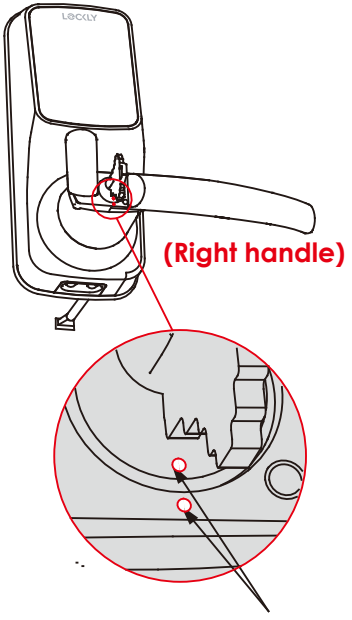
CHANGING HANDLE FOR RIGHT OR LEFT SWING DOORS

Determine right swing or left swing door
While facing the door from the inside, if hinges are on the right side you have the right swinging door. If hinges on the left side you have a left swinging door.

The lock ships set for **right swing doors.** Skip Step 2 if your door is a **right swing door.**
See steps below to change door handle orientation for a **left swing door.**

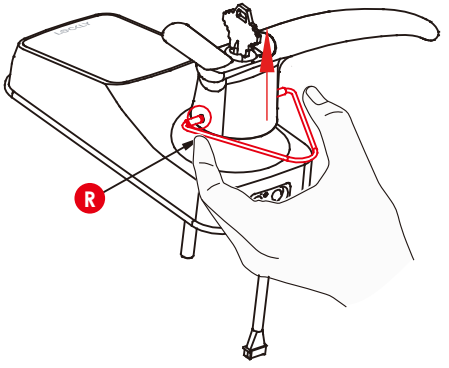
Changing the Exterior Handle Orientation

1



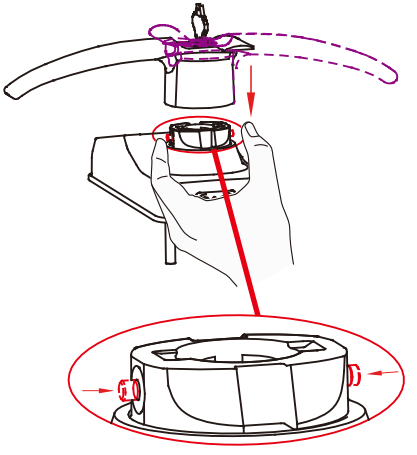
Insert key and rotate lock face so that the two white dots align as shown.

2



With both dots aligned, use the provided clamping tool R to push in the two metal pins at the base of the lock handle located at the 3 o'clock and 9 o'clock positions. Once depressed, remove the handle.

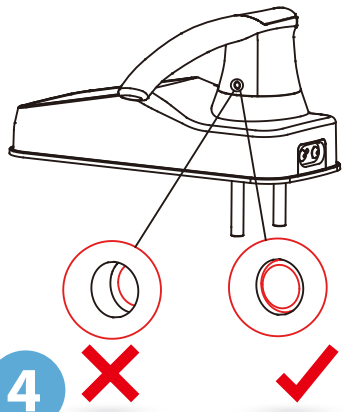
3



Rotate the handle 180° to the other side of the lock.

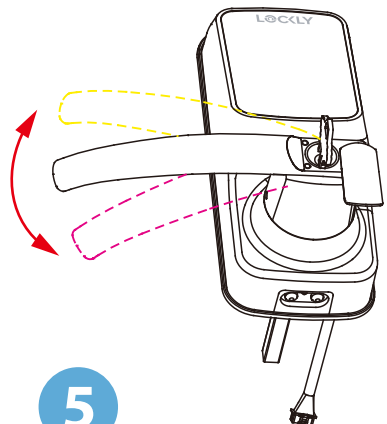
Using your fingers, press the two pins located on the left and right side of the the lock to insert the handle back onto the lock.

CHANGING HANDLE FOR RIGHT OR LEFT SWING DOORS



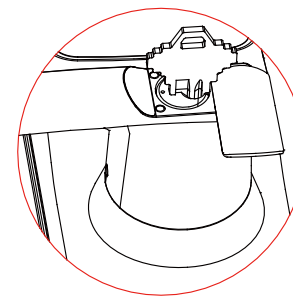
4

Confirm that your installation was complete by checking if the pins are flush against the handle, and has popped out. Adjust the handle accordingly to make sure the pins are fully decompressed and sitting flush against the surface.



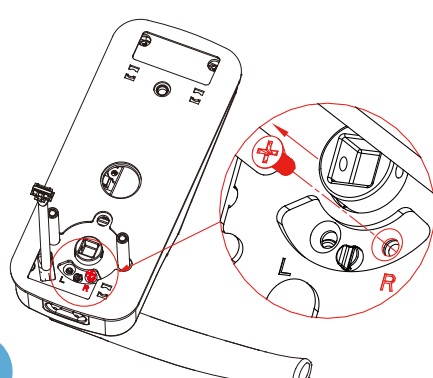
5

Check that your handle works smoothly by moving it in both the up and down direction.



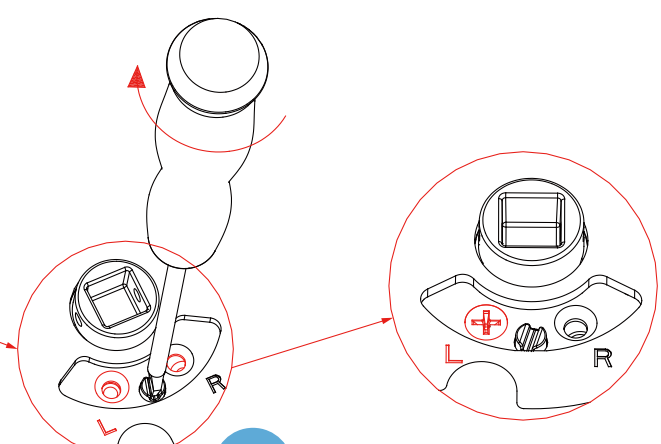
6

Once the handle is secured and operating properly, return key back to horizontal position and remove.



7

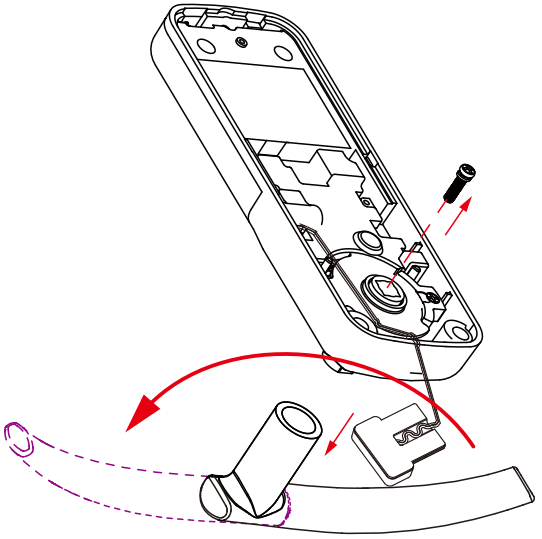
At the back of the exterior panel, remove the screw on point "R".



8

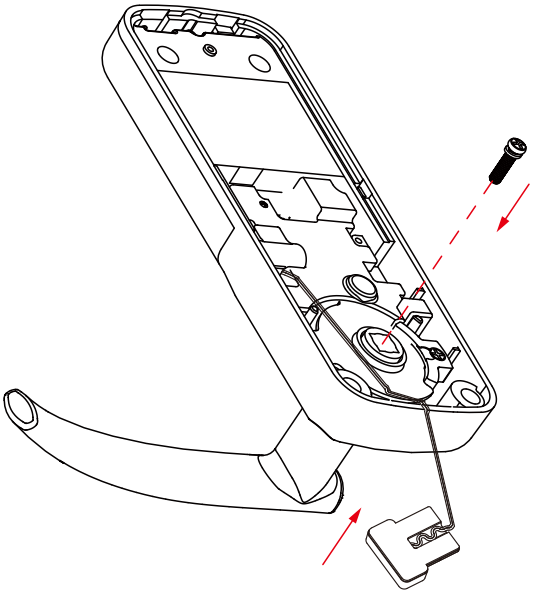
Align the screw hole on point "L" then insert the removed screw and tighten.

Changing the Interior Handle Orientation



1

Remove the handle retaining screw and detach the handle. Rotate it to 180° then return as shown.



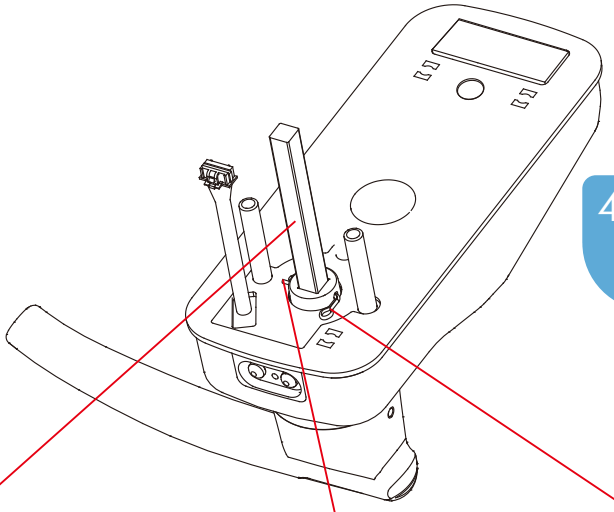
2

Insert the handle retaining screw and tighten using a screw driver.

Step 3

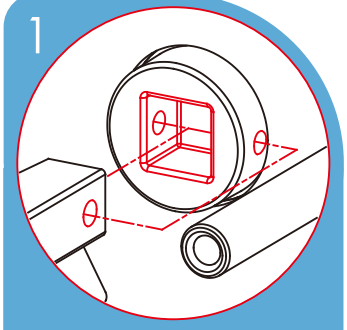
PREPARING LOCK FOR INSTALLATION

Carefully prepare the lock and ensure the required parts (C , D , E , U) have been properly attached before installing to door.



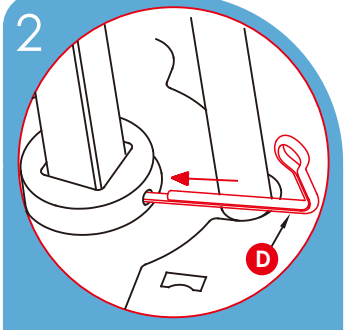
4 Peel paper layer OFF the Adhesive tape and prepare for installation.

1



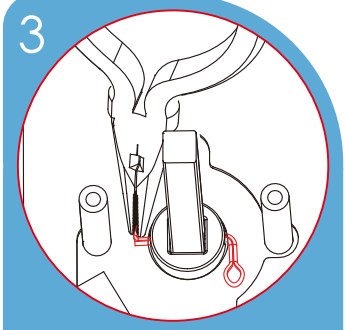
Install Spindle C with the holes side into the base of the lock and align the holes locate in the 3 o'clock and 9 o'clock position.

2



Insert locking pin D in to the hole as shown above.

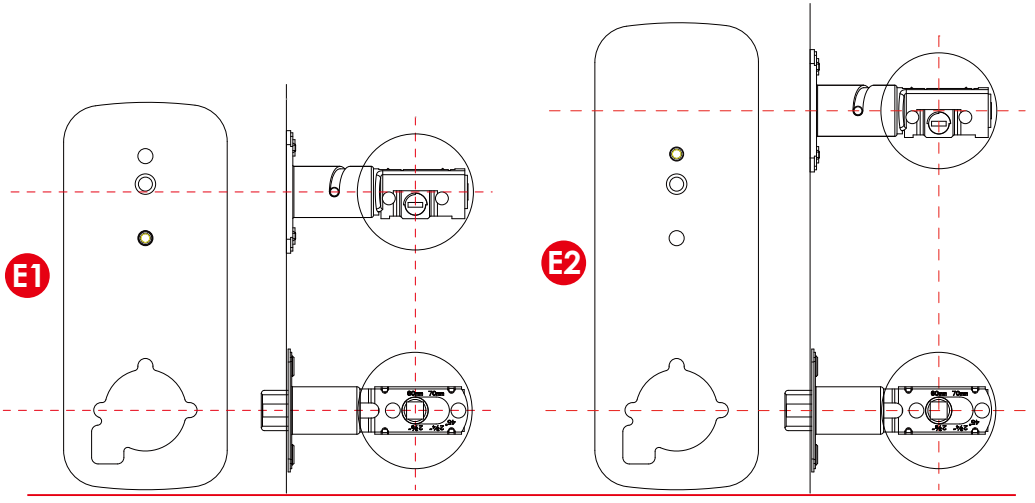
3



Carefully bend the end of the locking pin D with a needle nose pliers.

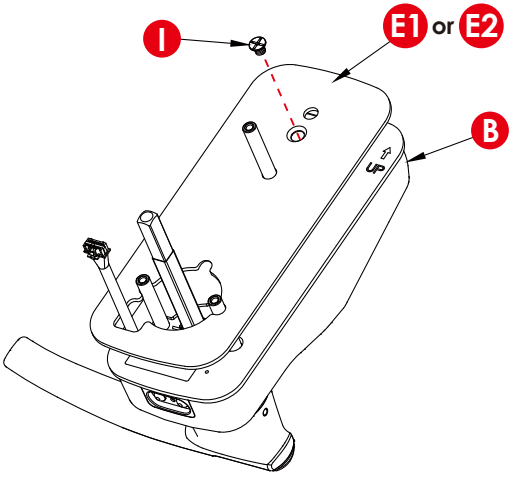
Failure to bend the locking pin and turn the handle freely without obstruction will result to malfunction.

5 Select E1 or E2 exterior cover plate according to front door hole distance.



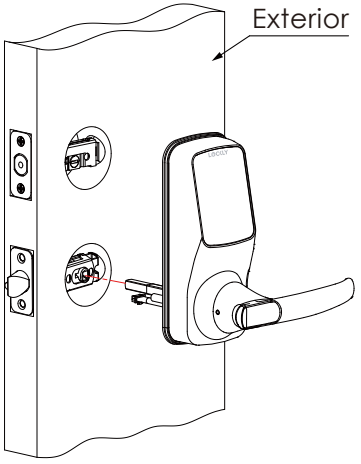
4" use cover plate **5.5" use cover plate**

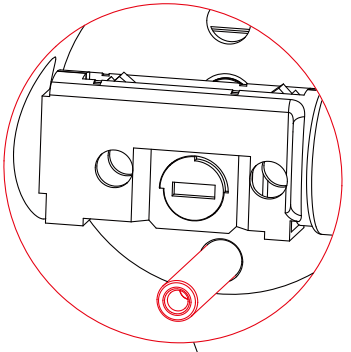
6 Attach exterior cover plate E to exterior assembly B. Use screw I to secure the cover plate.



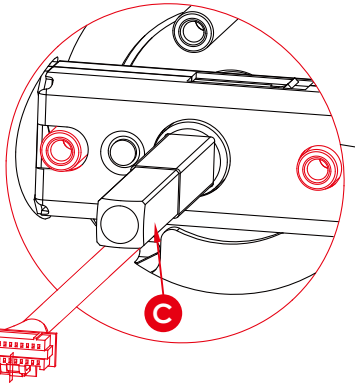
Step 4

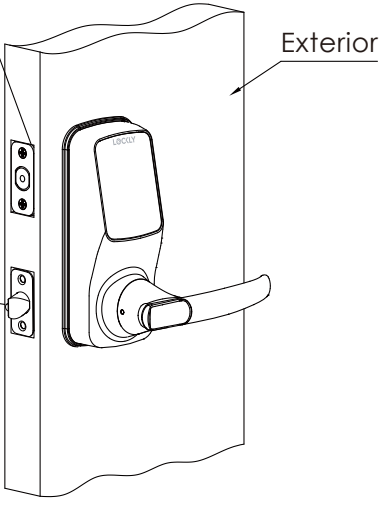
INSTALLING EXTERIOR SIDE OF LOCK





1 While aligning the lock straight up-and-down, pass the wiring cable under the latchbolt **F** then ensure the rod on cover plate **E** passes through the hole on the lower part of the deadbolt **J** body as shown.





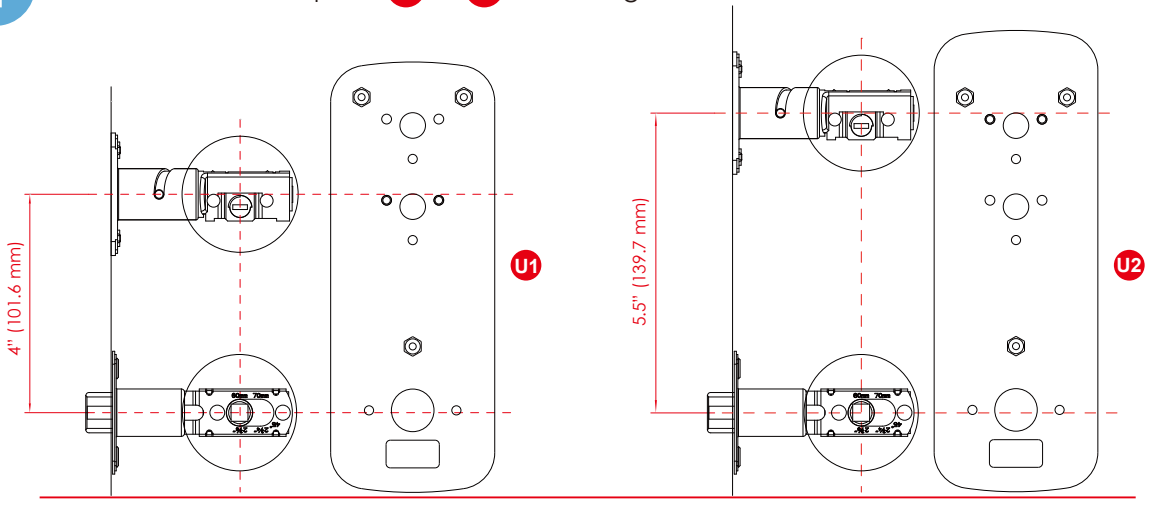
2 Pass the spindle **C** through the center of the latchbolt, and the round rods through the sides in their respective holes. The cable should run underneath the lockset.

3 Check lock alignment and ensure that it is sitting flat and aligned straight.

Step 5

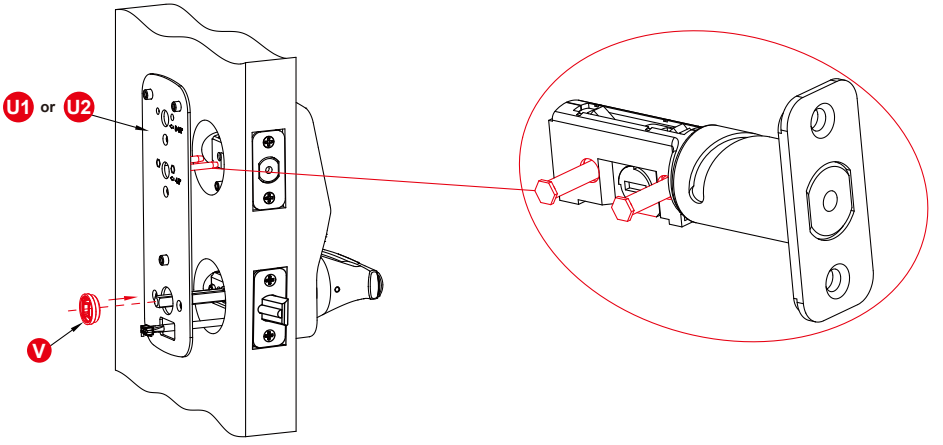
INSTALLING INTERIOR SIDE OF LOCK

1 Select interior cover plate **U1** or **U2** according to door hole distance and install on to door.

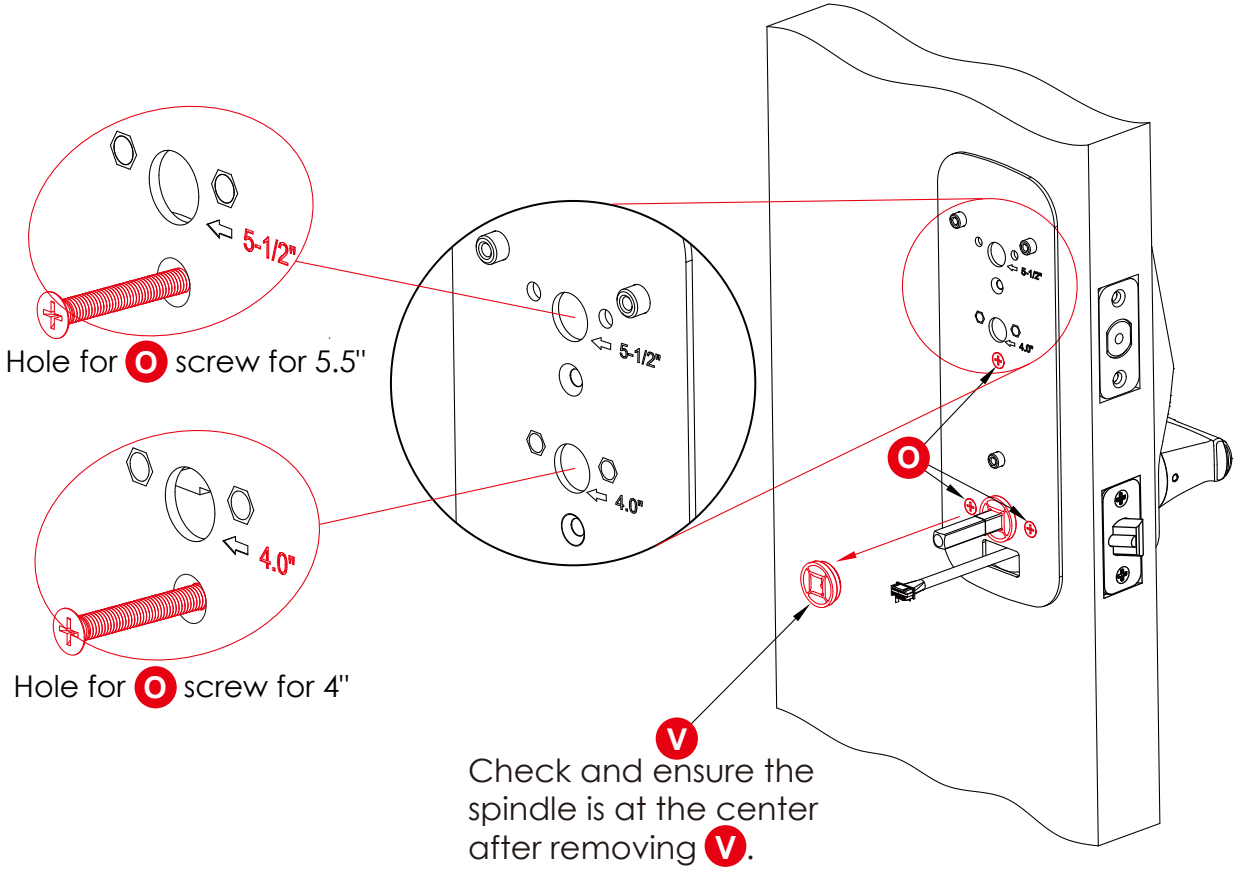


4" use cover plate **5.5" use cover plate**

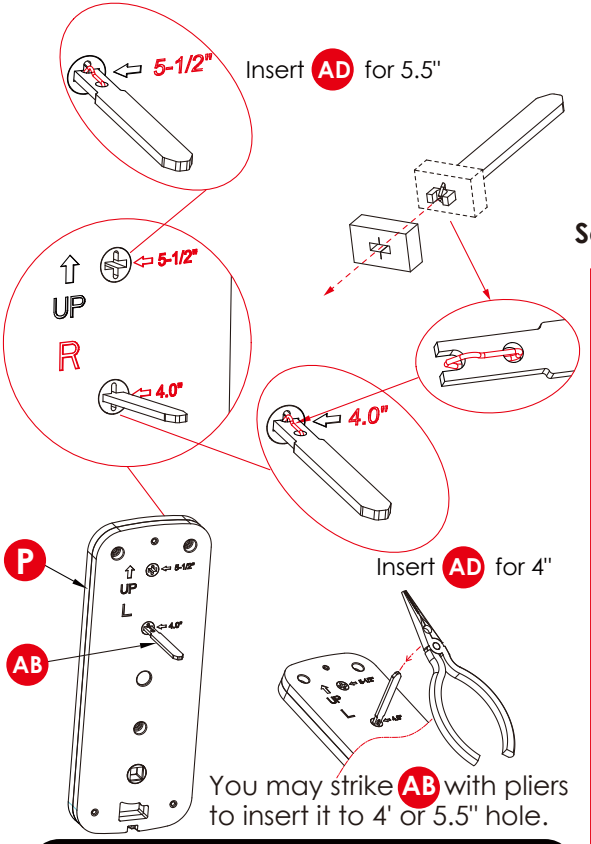
2 Ensure the rods on interior cover plate **U1** or **U2** is inserted on the holes of the deadbolt. and the cable and spindle **C** passed through part **U** . Insert positioning tool **V** through the spindle to hold the cover plate in place.



2 Secure interior cover plate U with screws O, then remove the positioning tool V .
Check and ensure the spindle is at the center after removing V



3 Select the side of the interconnection gear **P** according to door handle orientation **Left** or **Right** . Insert torque blade **AD** to plate according the distance between the latchbolt and deadbolt .

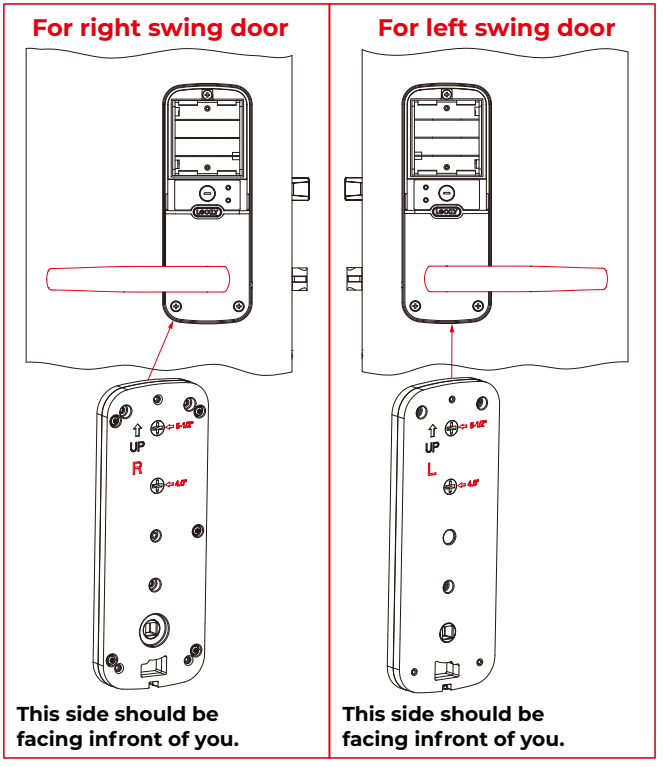


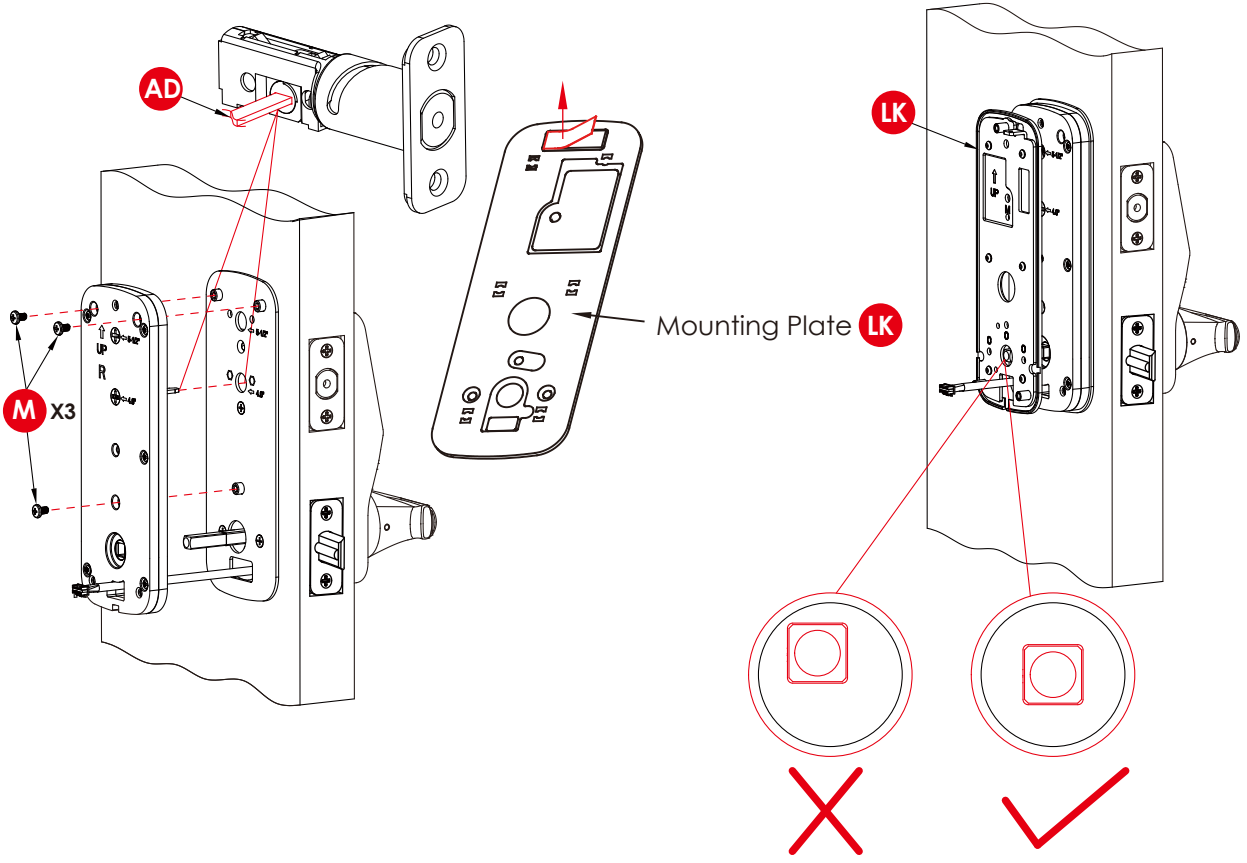
IMPORTANT:

Torque Blade for Right swing door must be installed on L side.

Torque Blade for Left swing door must be installed on R side

Select the correct side of the interconnection gear.





4 Install plate P onto door. Ensure the torque blade AD is inserted horizontally to the deadbolt. The spindle must pass through the plate. Secure the plate with screws M.

5 On the interior side of the door install mounting plate LK. Be sure to remove protective cover on adhesive tape before mounting. Attach LK to the interconnection plate, make sure cable passes through the plate and the spindle is centered in the mounting plate.

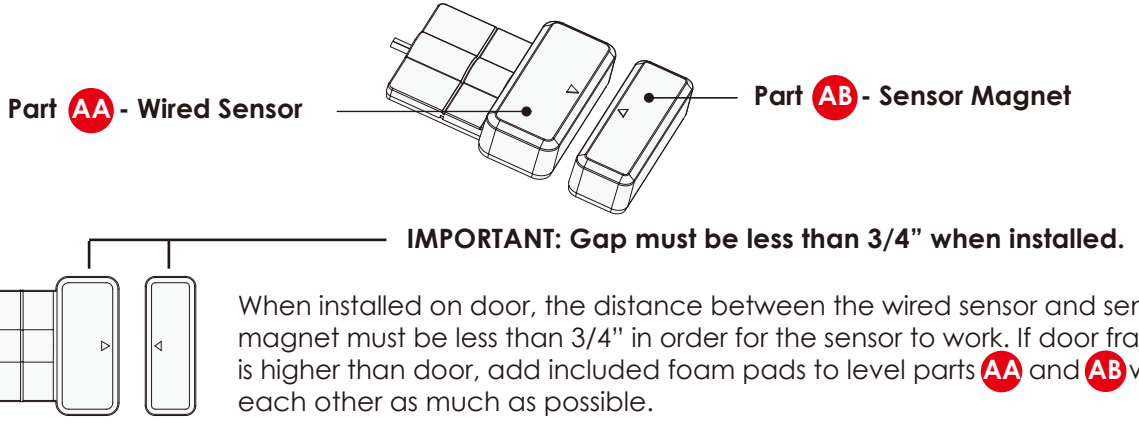
Step 6

PREPARING DOOR SENSOR FOR INSTALLATION

Do not mount (install) door sensors yet. You will install in step 9.

About door sensors
Door sensors provide real-time door condition status, such as the ability to verify if the door is securely closed. It also sends push notifications to your phone whenever your door opens and enables voice control with Amazon Alexa or Hey Google.

Lockly Duo™ comes with a pre-wired door sensors consisting of two parts:



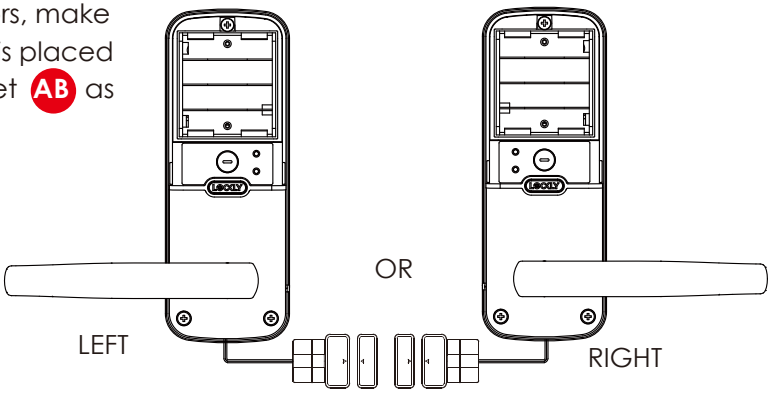
When installed on door, the distance between the wired sensor and sensor magnet must be less than 3/4" in order for the sensor to work. If door frame is higher than door, add included foam pads to level parts AA and AB with each other as much as possible.

TIP : Lockly door sensors comes in Grey (PGA061) and Matte Black (PGA062) that can be ordered through our customer hotline: (669) 500-8835 or by email: help@Lockly.com.

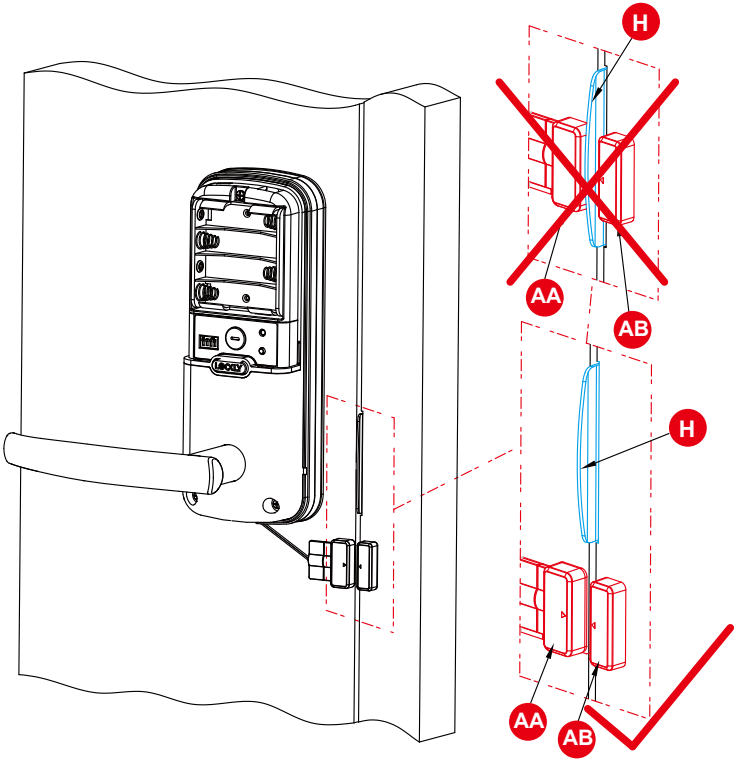
Removal of Sensor (optional)
There may be circumstances where the sensor cannot be installed because of molding/door limitations or is not aesthetically desirable. The sensor wired to the lock is removable by carefully pulling its connector from the circuit board. **If removed, some features and functionality will not be available, such as real-time condition status.**

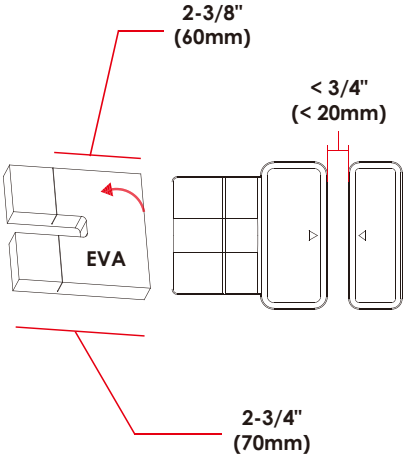
PREPARING DOOR SENSORS FOR INSTALLATION

When you are installing the door sensors, make sure the arrow of the wired sensor **AA** is placed next to the arrow of the sensor magnet **AB** as close as possible.



IMPORTANT: Do not install the sensor close to the strike plate **H**.





If needed add Foam Pads to level AA & AB as much as possible.

PREPARING DOOR SENSORS FOR INSTALLATION

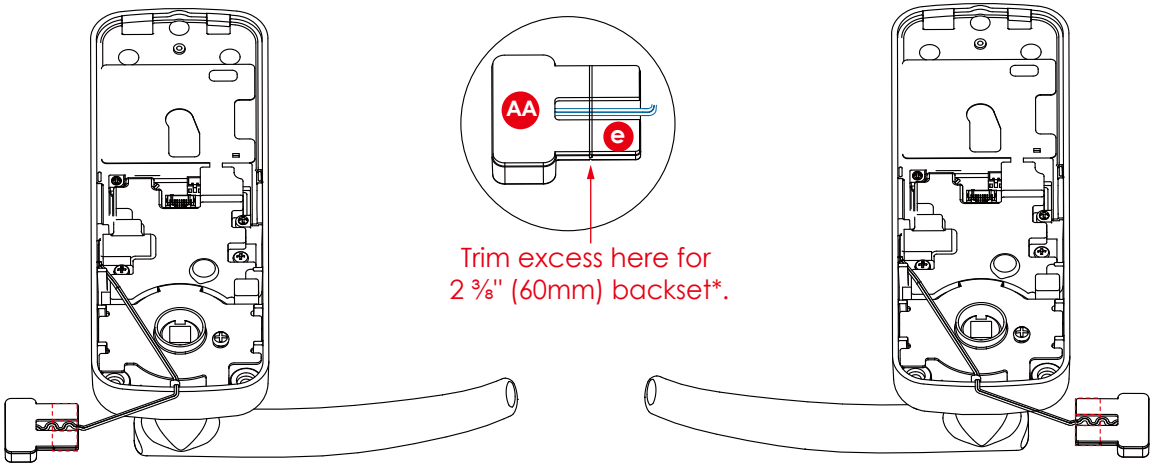
1

The interior assembly comes with the pre-installed wired door sensor setup for a right swing doors with 2-3/4" (70mm) backset*.

Trim excess part e for doors with 2-3/8" (60mm) backset as shown below.

2

For left swing doors, re-route the door sensor wire through the side channel. Trim excess part e for doors with 2 ⅜" (60mm) backset as shown below.

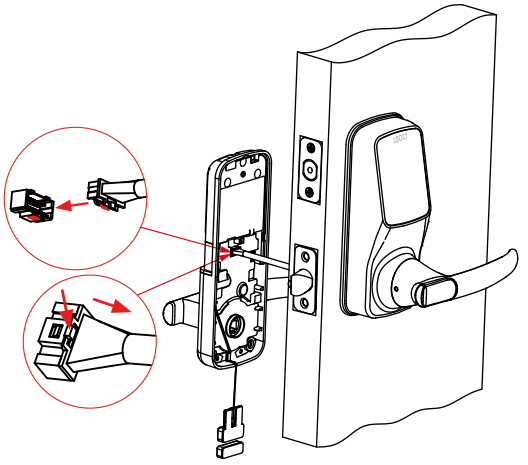


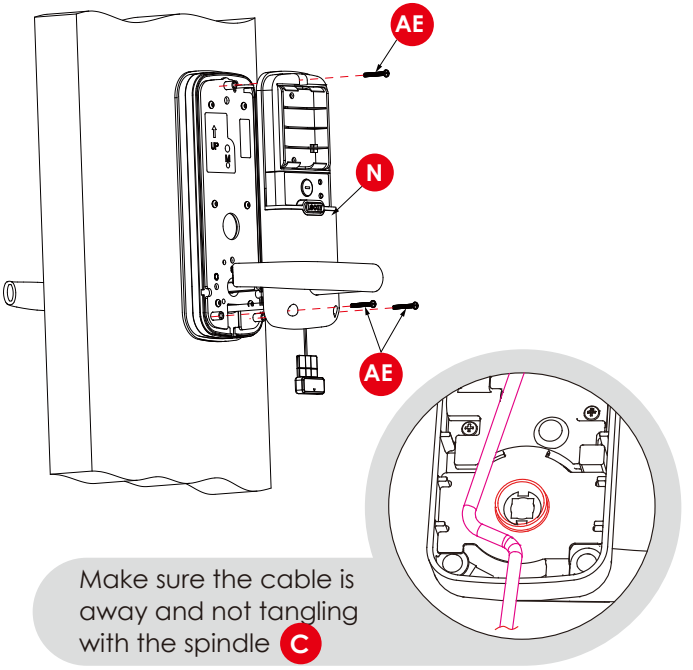
***Backset - measure the distance of the door edge to the center of the door hole.**

DO NOT INSTALL THE SENSORS YET

Step 7

INSTALLING THE LOCK INTERIOR (N)





Make sure the cable is away and not tangling with the spindle C

1 Plug the cable into the interior side of the lock making sure you match the orientation of the plug by matching the red side on the plug with the red side on the lock. Secure the connection by ensuring that the connector is snapped in and inserted tightly.

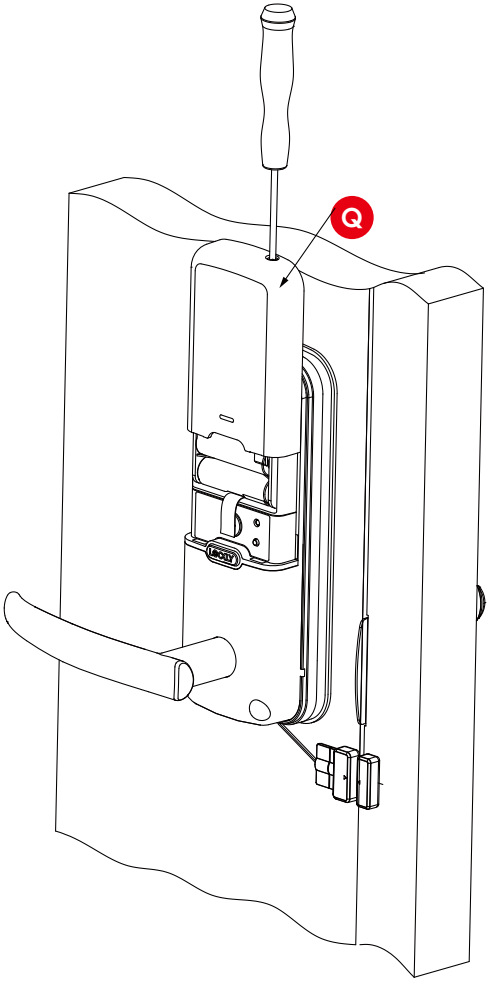
REMOVING CONNECTOR When removing the connector from the lock make sure to press the tab to the release from the socket. Carefully pull from the plug. Avoid pulling by the wires, doing so may result in damage to the connector and/or lock.

Secure the lock interior with 3 screws AE

2 Align the spindle C to the lock interior and attach the Interior lock to the Interior mounting plate.

While you are doing so, gently pus some of the excess cable through the rectangular hole into the door.

Place the remaining cable against the interior side of the lock interior so the lock interior sits securely onto the mounting plate.



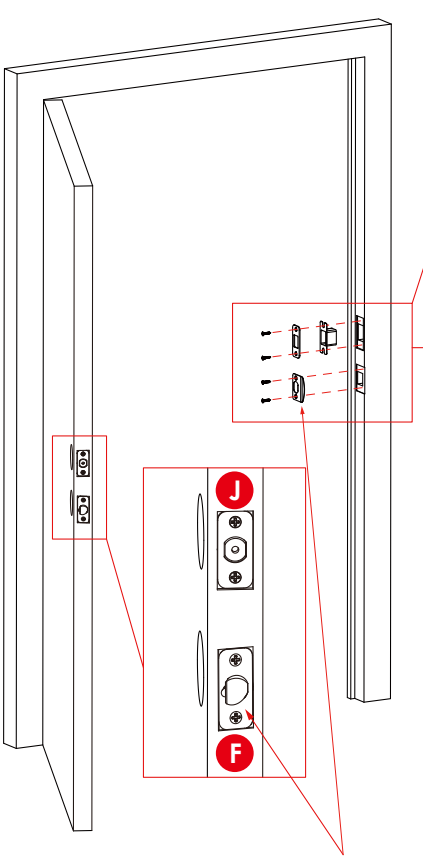
3 Insert 4 AA batteries into the lock by aligning the positive **(+)** and negative **(-)** orientation markings on the batteries to the battery chamber.

Secure the battery by sliding the cover Q over the lock and turning the screw clockwise on top until tight.

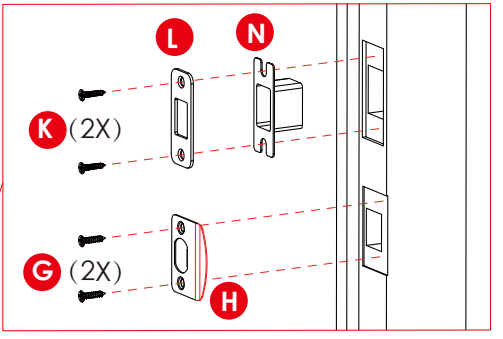
Step 8

INSTALLING THE DOOR STRIKE

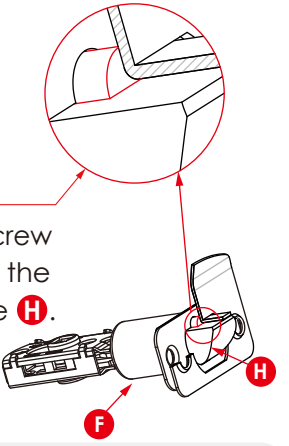
It is recommended that you use the included strike plate. However, if you find the deadbolt and latchbolt works with your existing strike plate free of any binding or resistance you can use use it. Regardless of which strike plate used, deadbolt and latchbolt needs to operate smoothly, free of any binding or resistance. Adjust appropriately as needed.

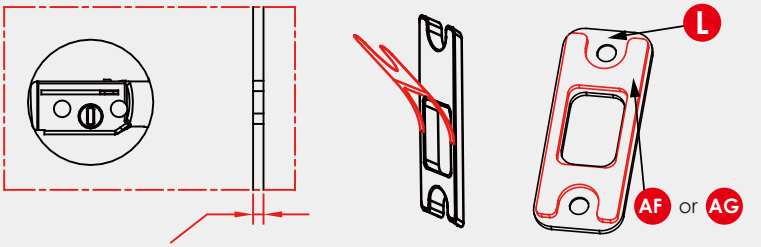


Make sure the slanted side of Latchbolt F is closing against the slanted part of Strike Plate H.



IMPORTANT: Check the alignment of the screw holes of both latchbolt and strike. Ensure the latchbolt plunger is against the strike plate H.





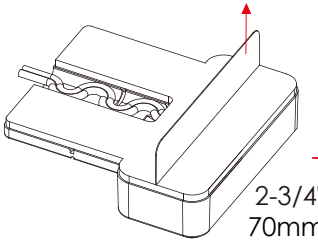
Before fixing it on to door frame, check the gap between door and door frame should be less than 4.5mm. Attach AF (2mm) or AG (3mm) to the strike plate L to reduce gap, if necessary.

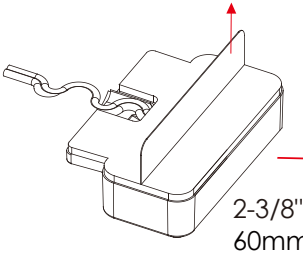
Step 9

INSTALLING THE DOORS SENSOR

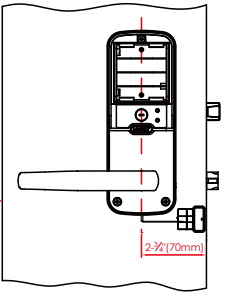
Make sure you have prepared the door sensors for installation according to Step 6

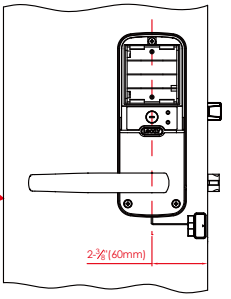
1 Peel off the paper layer of the adhesives from the back of the wired sensor **AA**.



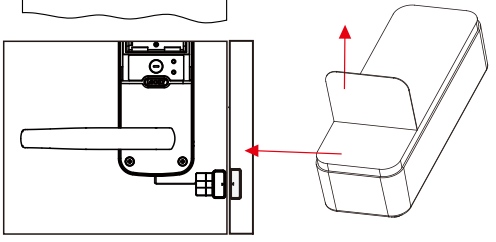


2 Position the wired sensor **AA** to the edge of the door, avoiding the door strike plate. Attach and secure with the adhesives.





3 Close the door. Before you peel off the paper layer of the adhesives from the sensor magnet **AB**, align the arrow with the wired sensor **AA**. Install **AB** on to door frame.



NOTE: The arrows must be aligned or as closed as possible (less than 3/4"). If needed, adjust the position of the sensor magnet using provided foam pads to ensure the Lockly logo blinks red when door opens or closes.

Step 10

DOWNLOAD LOCKLY APP

Congratulations! You have completed the Lockly Duo™ physical lock installation. To complete your setup, download the Lockly app from the iOS or Google Play Store and follow on-screen instructions.

Scan or visit Lockly.com/app

Download on the App Store

GET IT ON Google Play



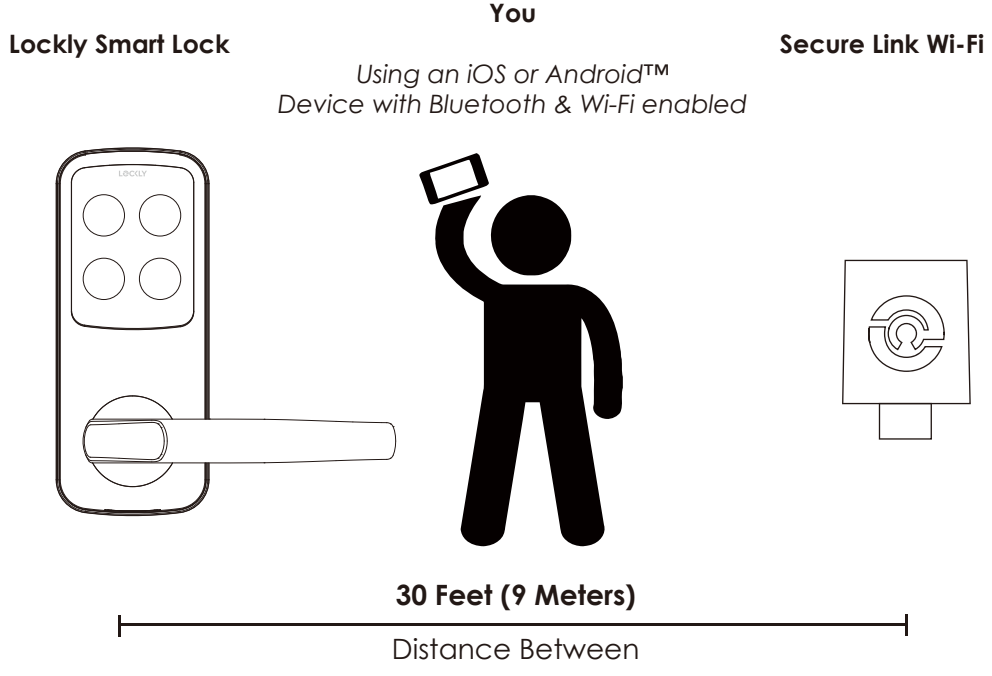
IMPORTANT:
After you completed the product warranty registration on the App, follow the **Lock Configuration** steps to run a self-check. This test will verify if the lock installation orientation is correct and ensures that lock or unlock detection is accurate.

Step 11

SETTING UP THE SECURE LINK WI-FI HUB

To set up your Lockly Duo™, choose an appropriate location for the Secure Link Wi-fi Hub for optimum performance (see below). For optimum connectivity, it is recommended that the hub be no further away from the lock than 30 feet (9 meters).

During the setup process position yourself between the lock and the Secure Link Wi-Fi Hub—ideally no more than 30 feet (9 meters) apart. Ensure your iOS or Android device has both Bluetooth and Wi-Fi enabled.



TIP: The Secure Link requires a strong wireless signal for optimal performance. Make sure the Secure Link will be installed in a location with a strong 2.4 Ghz wireless signal. Sometimes distances between Wi-Fi hub and lock can vary due to circumstances. If you are having difficulty setting up optimal range of 30/ft or less, we're here to help. Call our customer care team: (669) 500 8835, or visit Lockly.com/help for suggestions and troubleshooting tips.

Plug the Secure Link Wi-Fi Hub into the 5V 1A USB AC adapter and plug the AC adapter to your wall socket.



USA Outlet Shown

A GREEN LED indicator light will flash slowly to indicate that the Wi-Fi Hub is ready to connect.



LED Indicator is located next to the Setup Button

Once you have confirmed that your Secure Link Wi-Fi Hub is ready to connect to your lock, open the Lockly App from your smartphone. **Make sure you are standing between the Wi-Fi hub and Lockly smart lock**, then Add New Device and follow the on screen instructions.

Step 12

The App will take you through the following steps, make sure the smart lock has been properly installed. You will need your activation card that is included in the box to proceed.

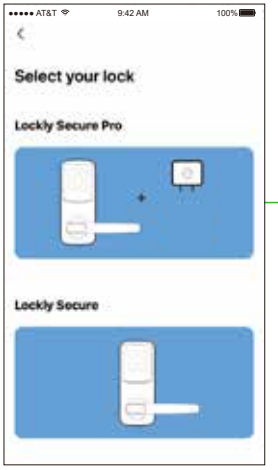
ADD NEW DEVICE



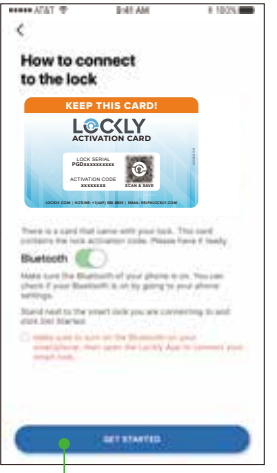
Select A Device



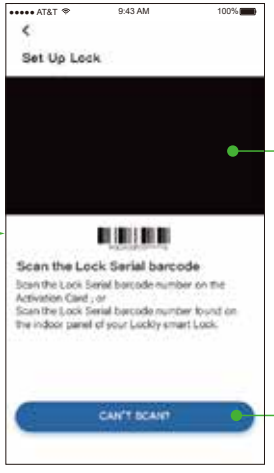
Select Lockly Duo™



GET STARTED



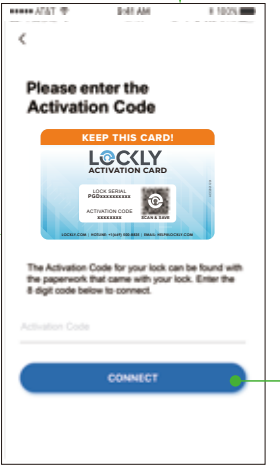
Scanning LOCK SERIAL



If you can't scan LOCK SERIAL, Then enter manually

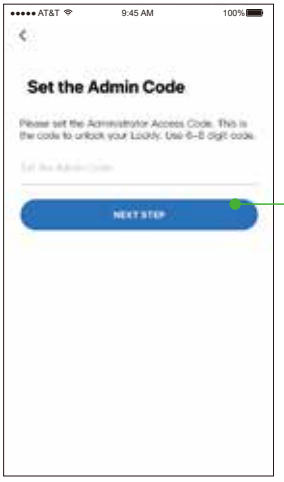


Input Activation Code

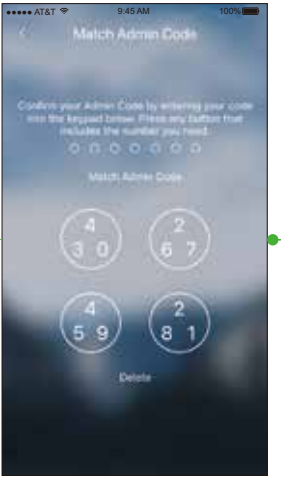


Turn to the next page

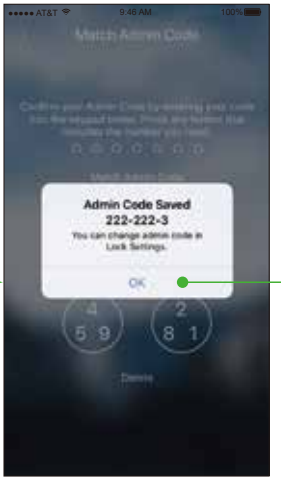
Set the Admin Code



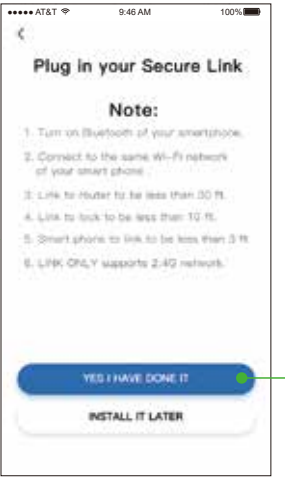
Confirm lock password



Password setting OK



Plug in your Secure Link and Click "YES"

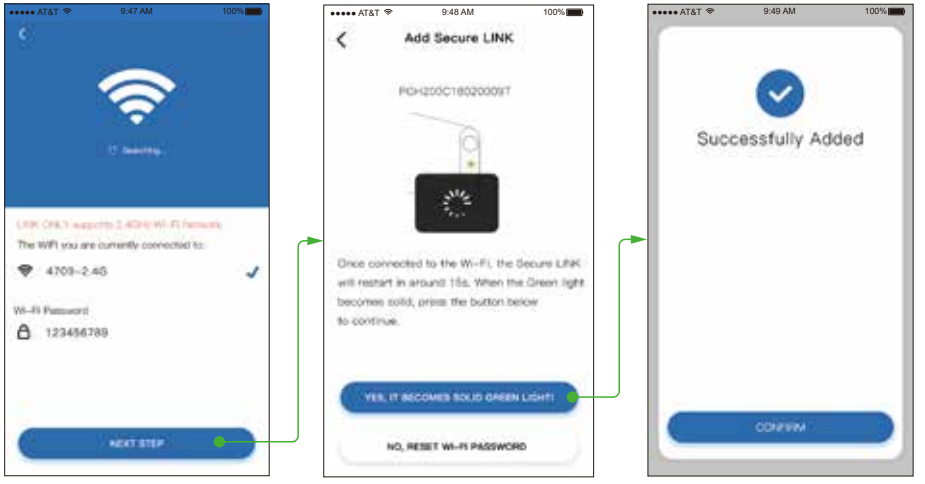


Turn to the next page

Set Wi-Fi

Click “Yes” when the green light is on

Successfully Added



Congratulations! Your Lockly Duo™ is now - set up.

You may proceed to Add the Door Sensors.

FCC Warning:
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE 1: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Radiation Exposure Statement
The Secure Link Wi-Fi Hub complies with FCC radiation exposure limits set forth for an uncontrolled environment. It should be installed and operated with minimum distance 20cm between the radiator & your body.

IC WARNING
This device contains licence-exempt transmitter(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:
(1) This device may not cause interference.
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

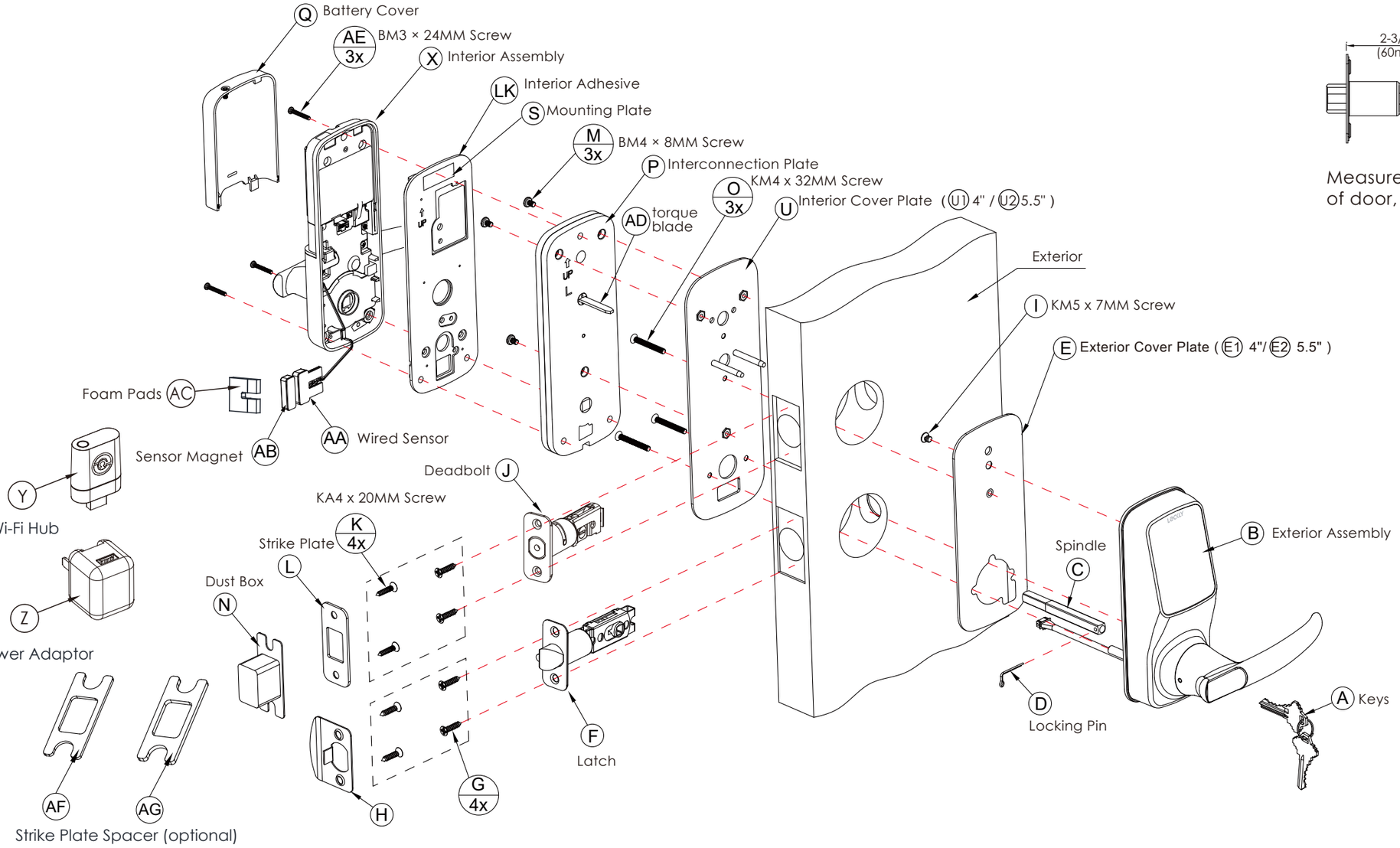
IC Radiation Exposure Statement
This equipment meets the exemption from the routine evaluation limits in section 2.5 of RSS-102. It should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.

Cet équipement est conforme à l'exemption des limites d'évaluation habituelle de la section 2.5 de la norme RSS-102. Il doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et toute partie de votre corps.

WARNING: This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer. For more information go to www.P65Wamings.ca.gov.

INSTALLATION OVERVIEW & PARTS LIST

This lock can be installed for both right swing and left swing doors. The lock ships ready for a right swing door installation. If you wish to change the orientation of the lock for a Left Swing door, go to **Step 2** (Installation Guide) for instructions.





Measure distance between the center of the hole to the edge of door, adjust latch F to 2-3/8"(60mm) or 2-3/4"(70mm)



R Clamping Tool
For changing
handle orientation



V Positioning Tool for U

W Activation Card



Connect with us

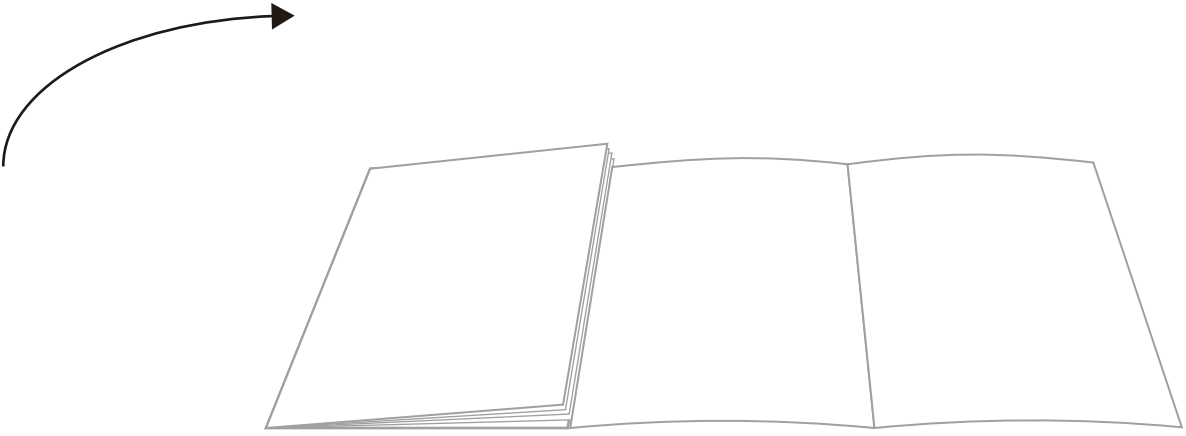
@meetlockly | #lockly











Reference installation parts overview foldout.

LOCKLY DUO™

For the latest version of this manual, please visit the following link:
Lockly.com/help

We're here to help!
help@Lockly.com

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CHINA ZL 2013 1 0487970.4 | HONG KONG HK1194496 | TAIWAN 621028 | EUROPE EP3 059 689 B1 | AUSTRALIA 2013403169 | RUSSIA RU2665222 | KOREA 10-1860096 | INDONESIA IDP000064051 | Other Patents Pending

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