

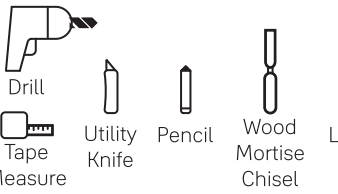
ASSA ABLOY nexTouch™ Touchscreen Deadbolt
Installation and Programming Instructions

This manual will walk you through all the required steps to add your new nexTouch Deadbolt Lock to your door.

- Remove existing deadbolt
- Double check door measurements
- Install your nexTouch Lock
- Program your nexTouch Lock
- Add your nexTouch Deadbolt Lock into your ASSA ABLOY Accentra system

Tools Needed
Standard
Phillips Head
Screwdriver

Tools Needed For New Doors
Or Adjusting Existing Door

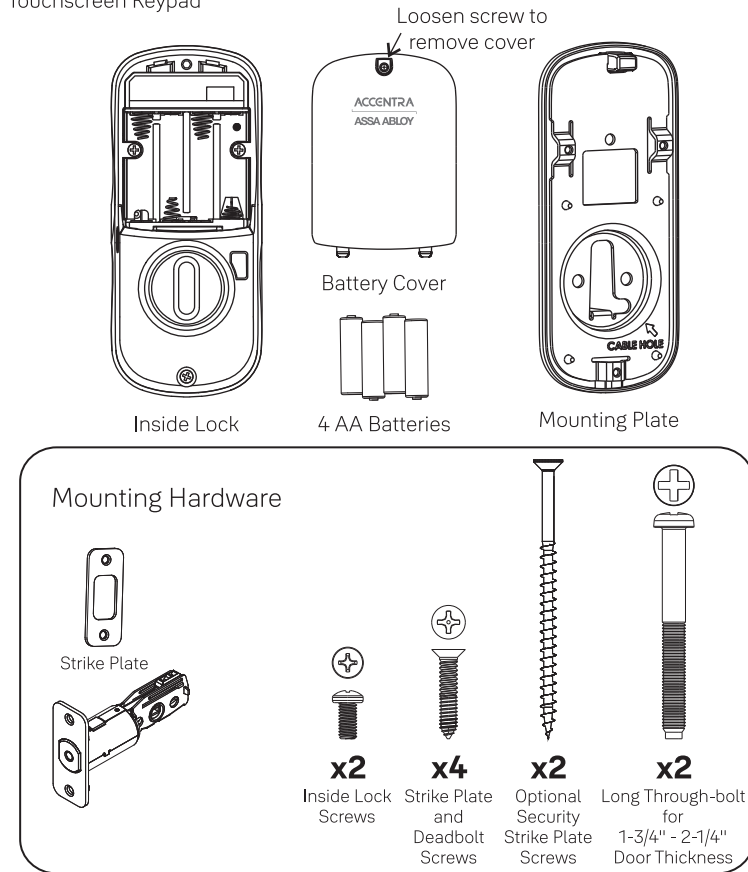
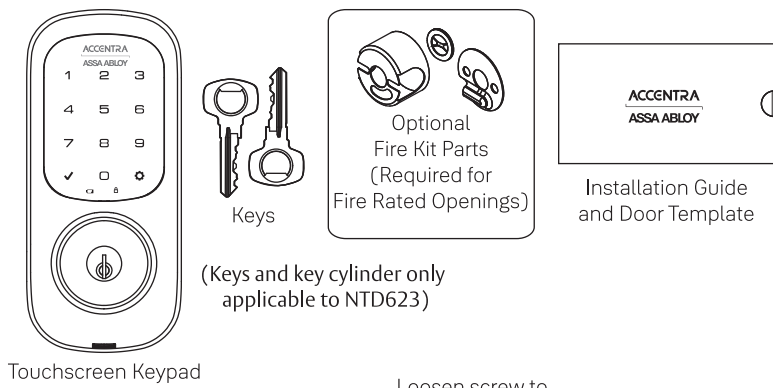


Failure to follow these instructions could result in damage to the product, voiding the factory warranty and could lead to failure of the product to provide access.

ISL-2249-00-000
Experience a safer
and more open world

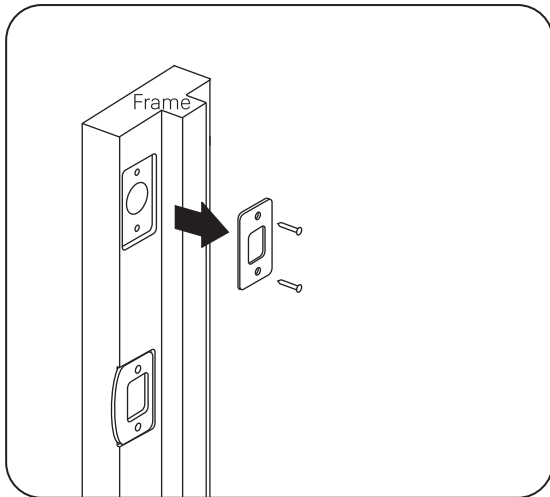
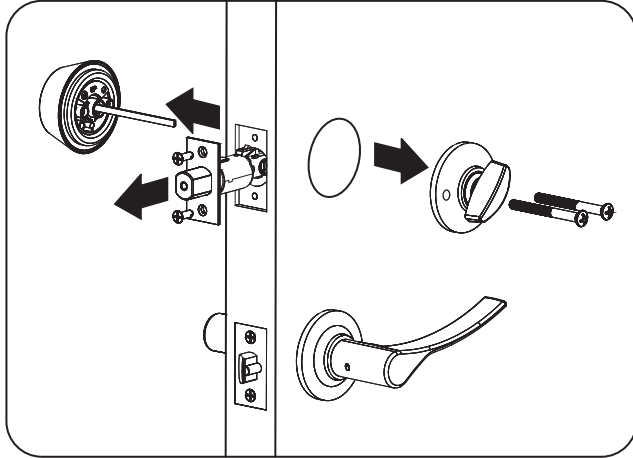
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10/23

What's In The Box



1 Removing Existing Deadbolt

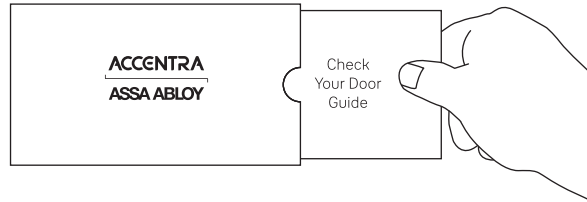
Do not discard old lock hardware until nexTouch Lock has been successfully installed.



2 Check Door Measurements and Make Adjustments If Needed

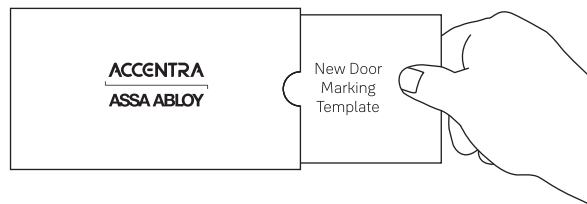
Door Checker

Use door checker from installation guide envelope to verify your door measurements and make any needed adjustments.



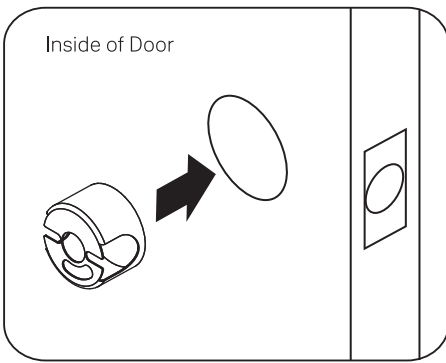
New Door Marking Template

With the door checker, use the template from installation guide envelope to prep a new door that has not been predrilled for hardware.

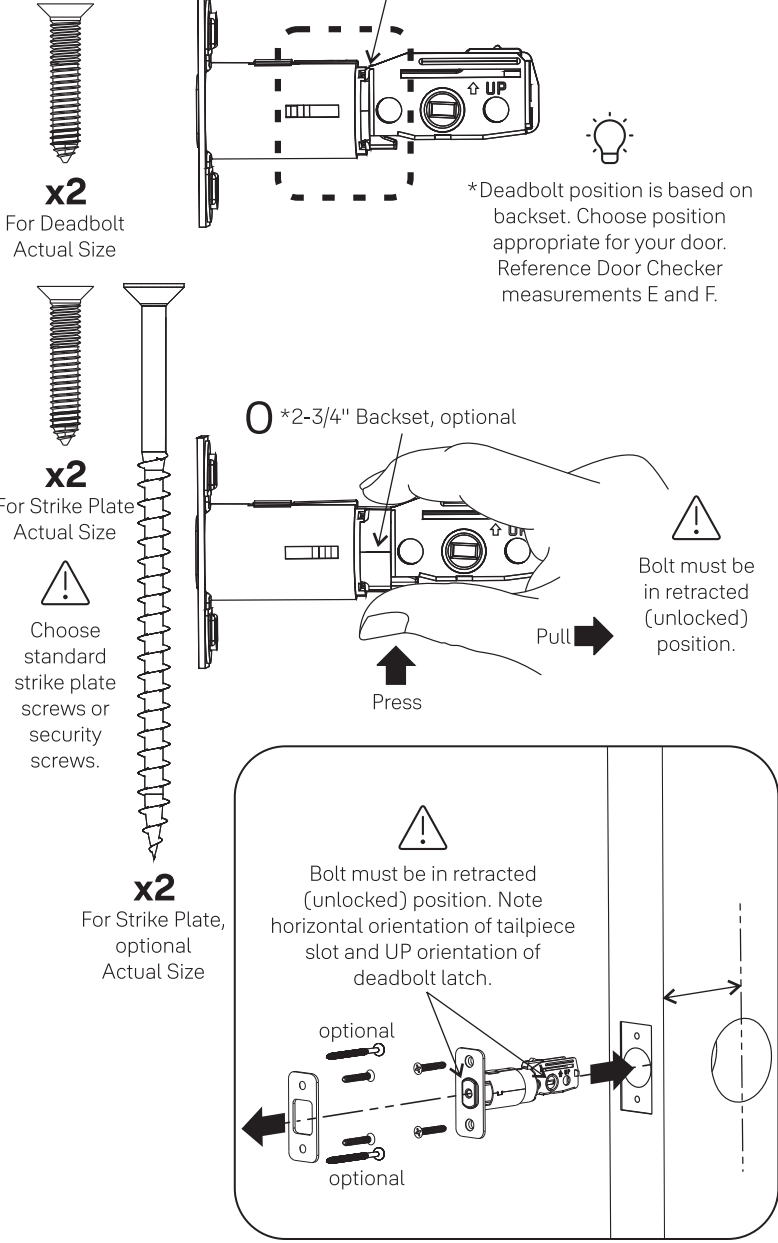


0 optional
1 of 3 Installing Optional Fire Cup
for Fire Rated Openings

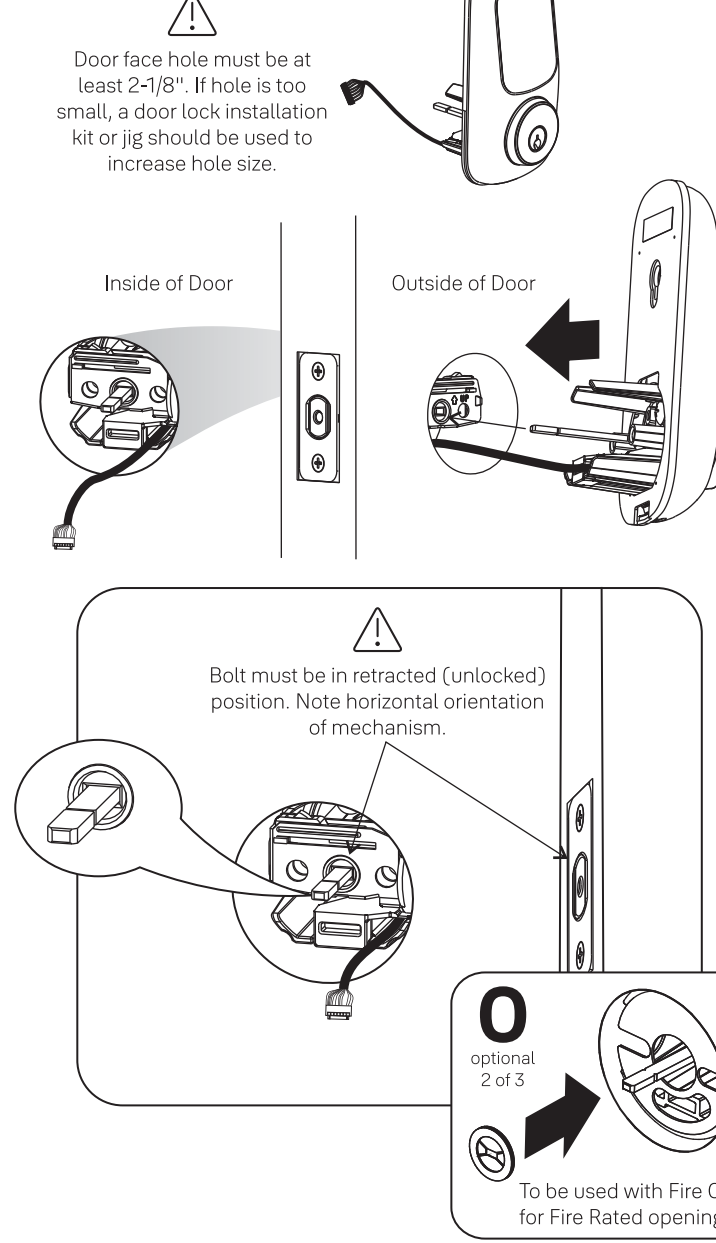
Only included with select models



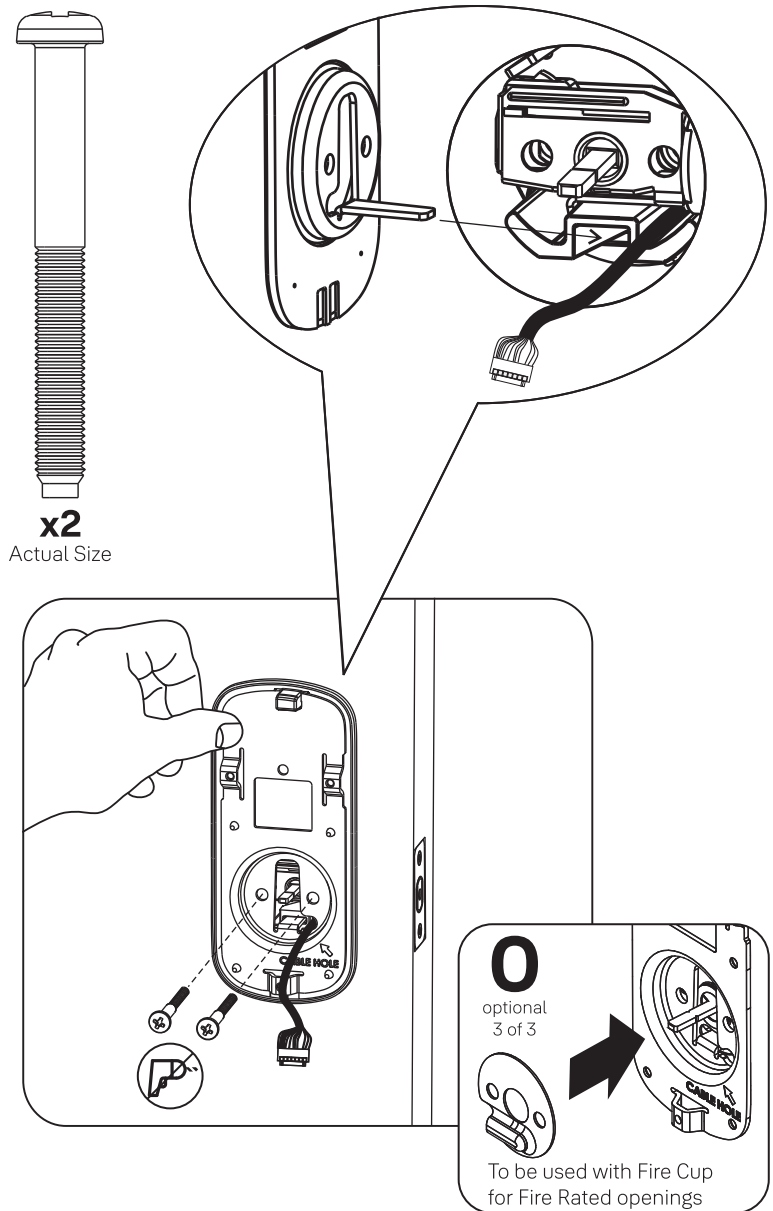
3 Install Deadbolt and Strike Plate



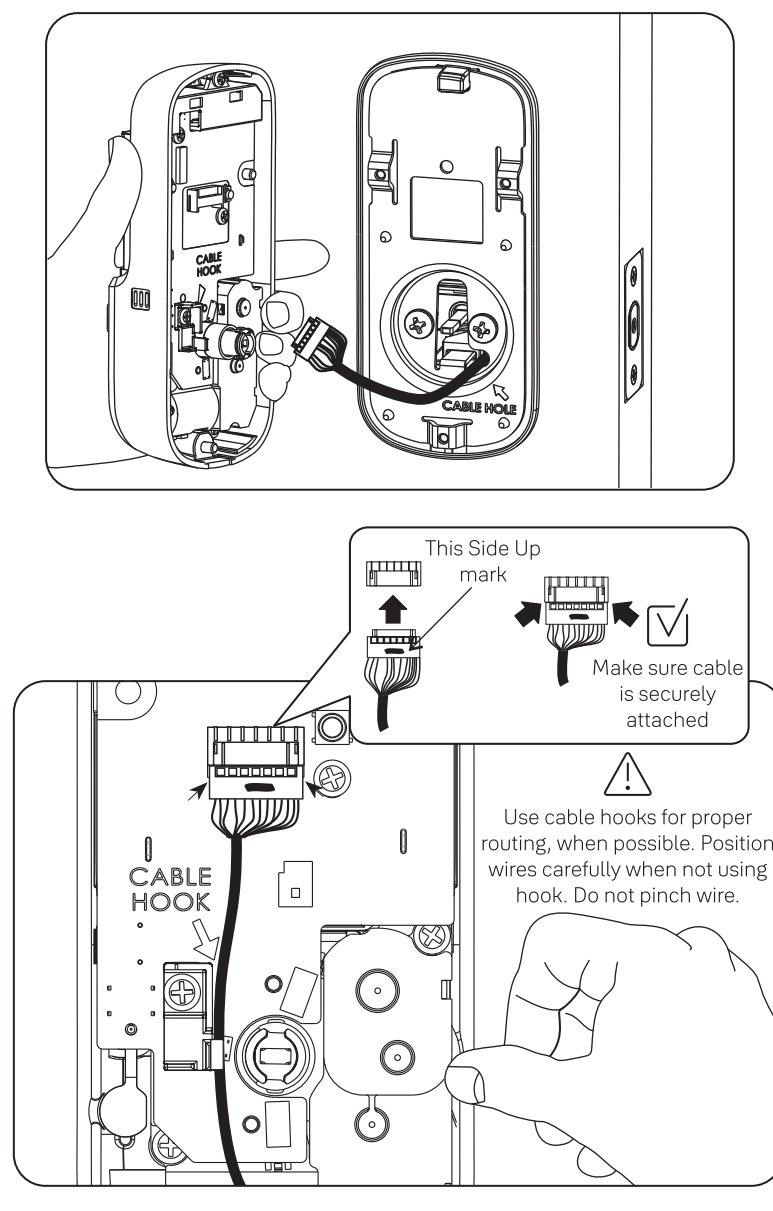
4 Install Touchscreen Keypad



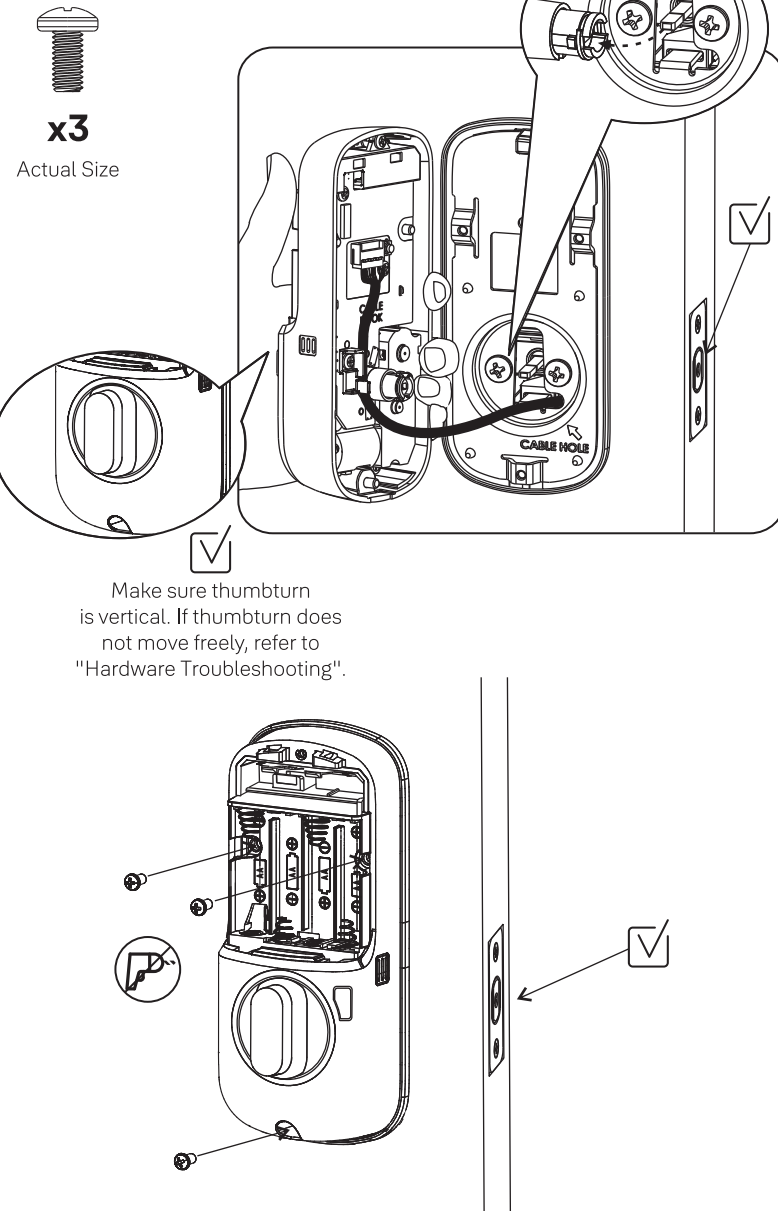
5 Install Inside Mounting Plate



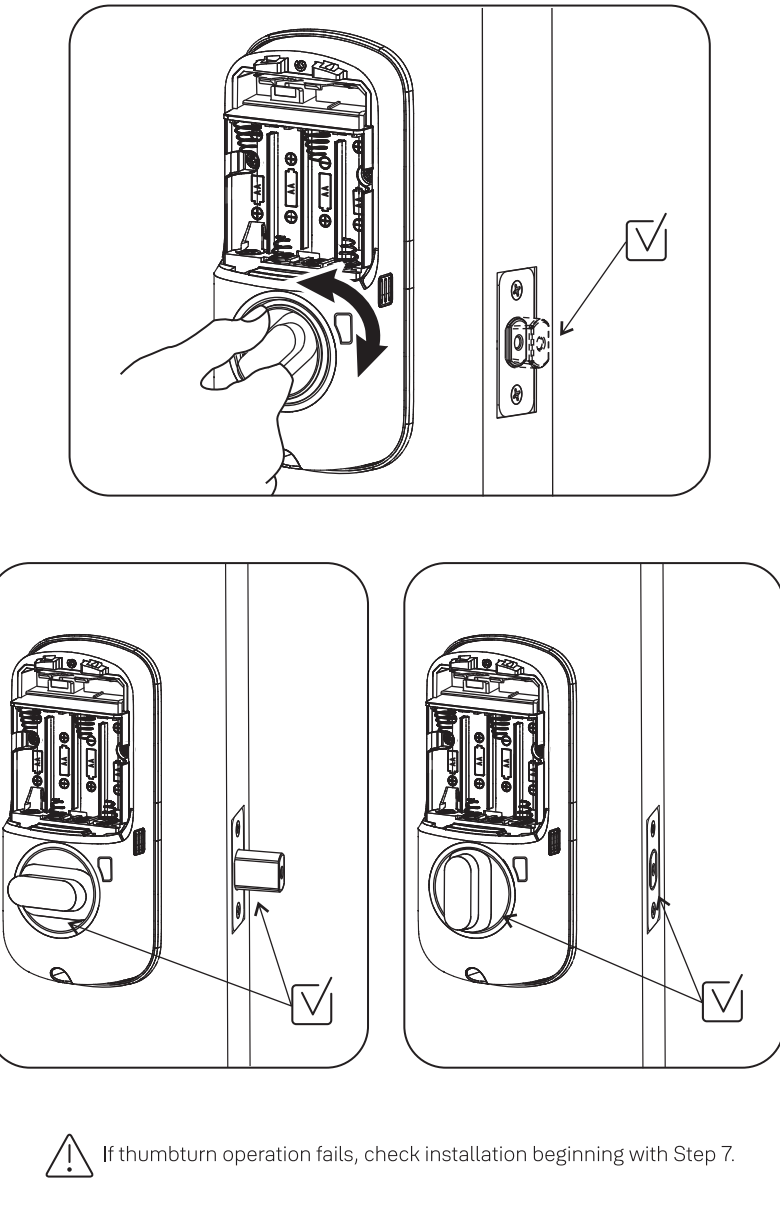
6 Attach Cable



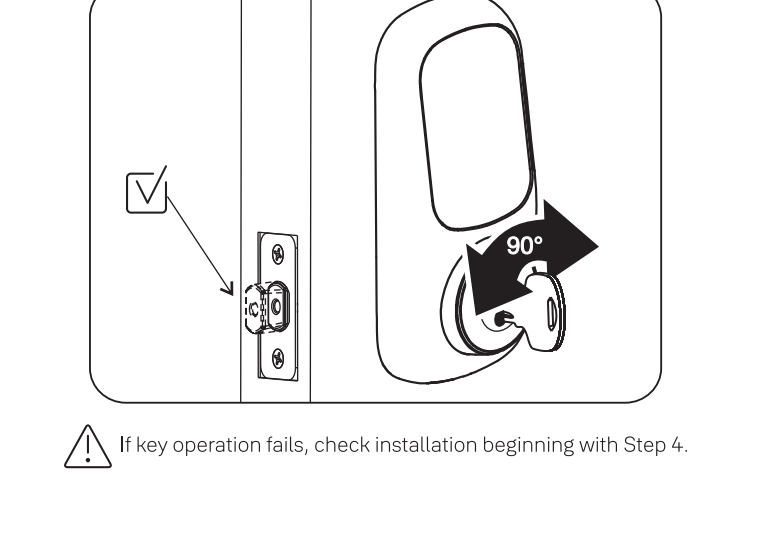
7 Install Inside Lock



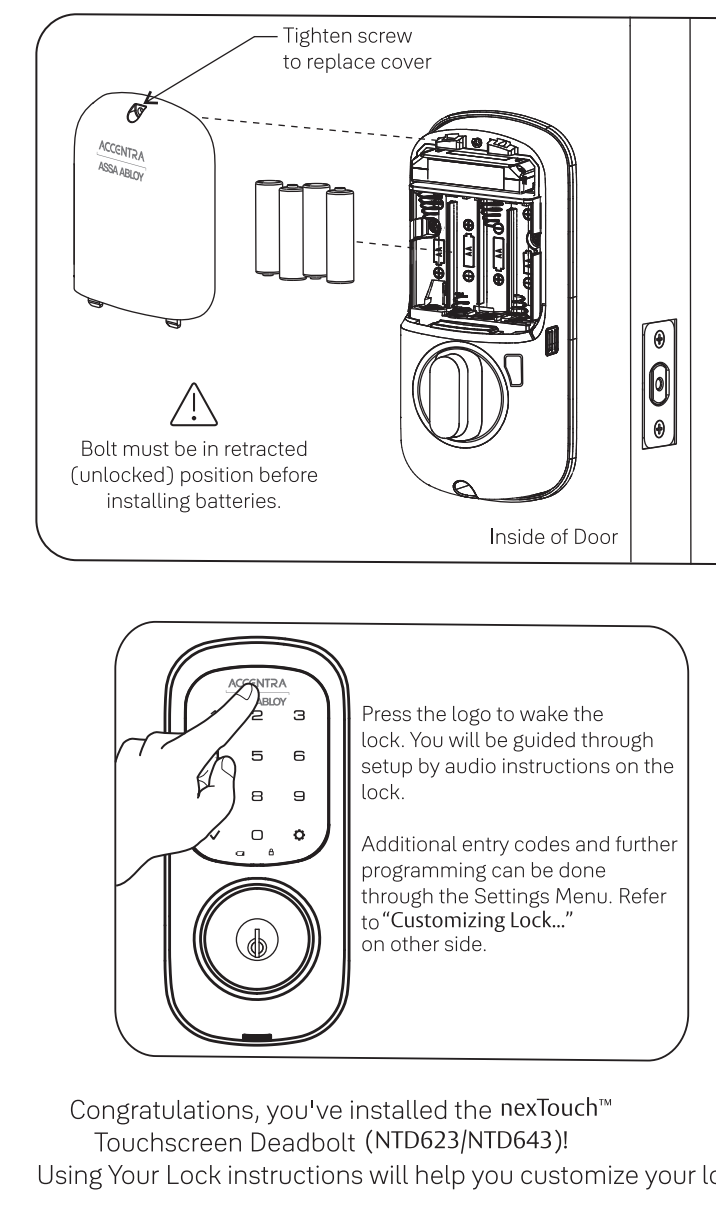
Test Mechanical Operation



Test Mechanical Operation
(Key test only applicable to NTD623)



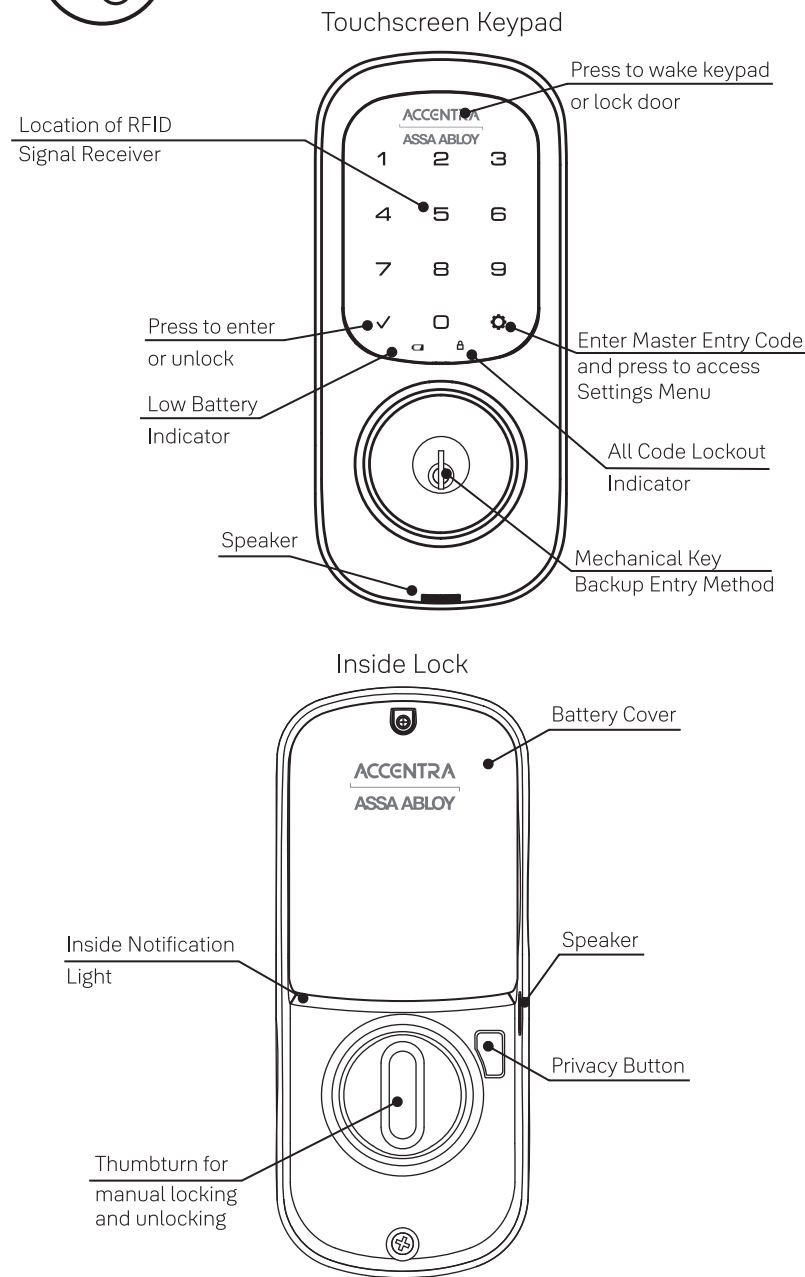
8 Install Batteries and Cover



Congratulations, you've installed the nexTouch™ Touchscreen Deadbolt (NTD623/NTD643)!
Using Your Lock instructions will help you customize your lock.

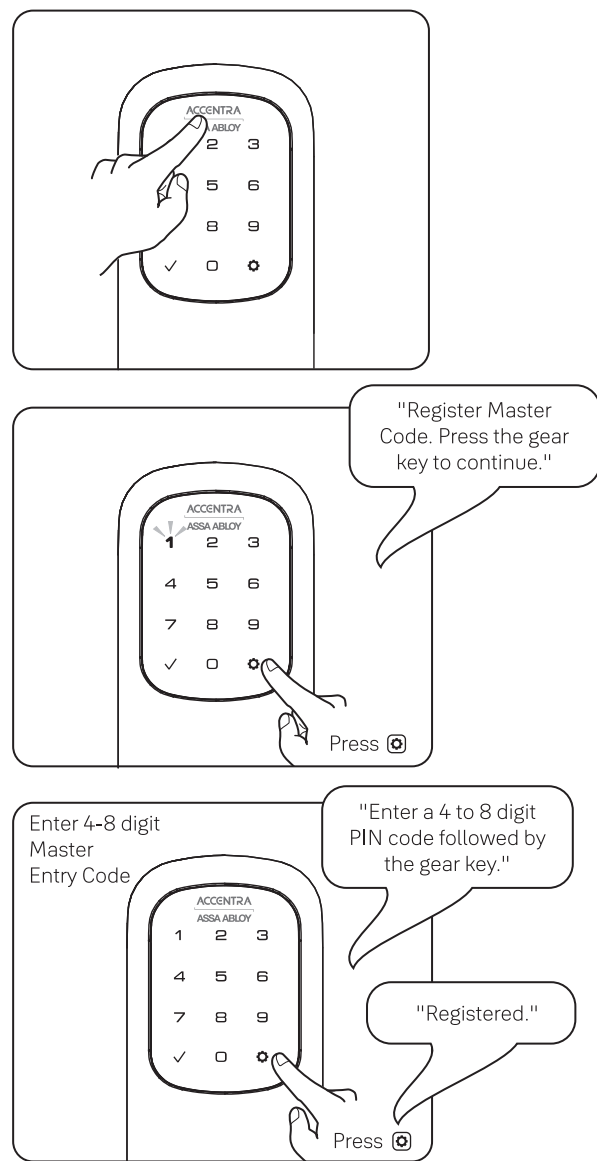


Using Your Lock



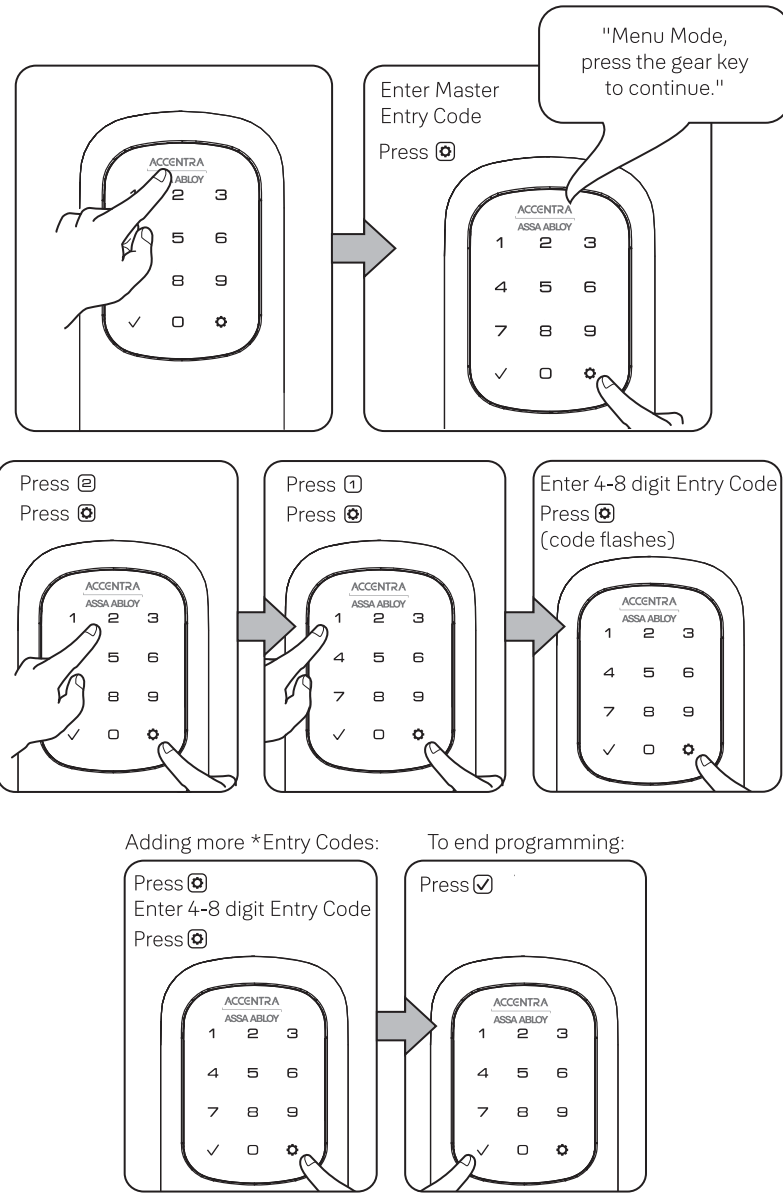
Creating Master Entry Code

The Master Entry Code is used to change the lock settings. A security best practice is to set your Master Entry Code with 6 or more digits and create a separate code that is used daily to lock and unlock the door.

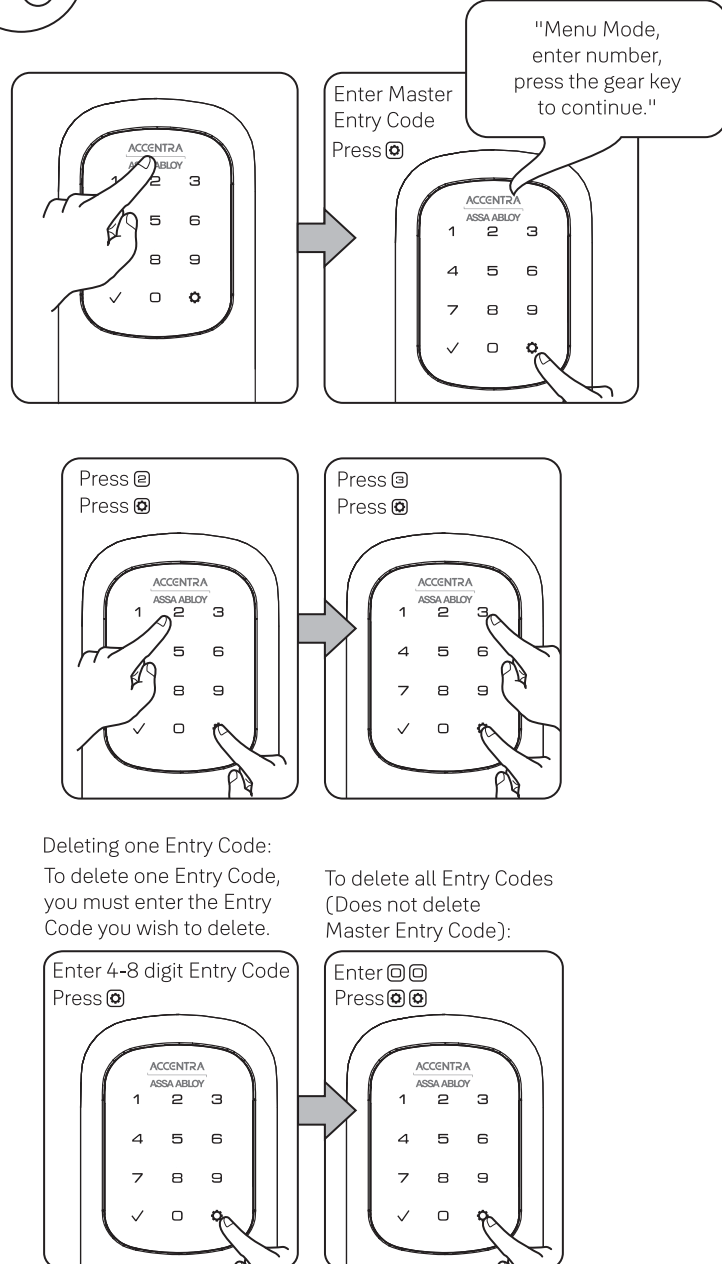


Creating Entry Codes

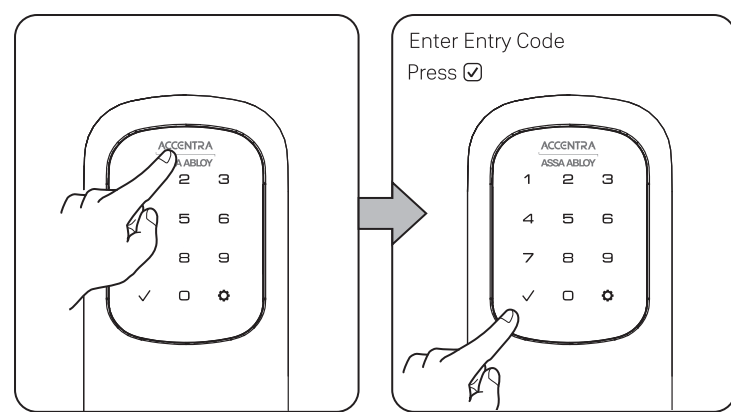
Master Entry Code must be created first.
*Max Entry Codes = 500



Deleting Entry Codes

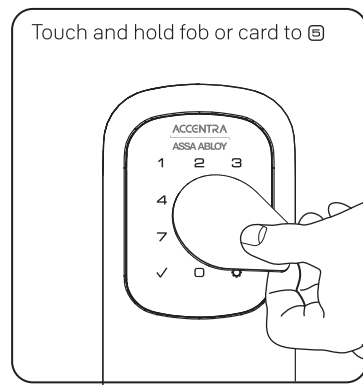


Unlocking Door with Entry Codes



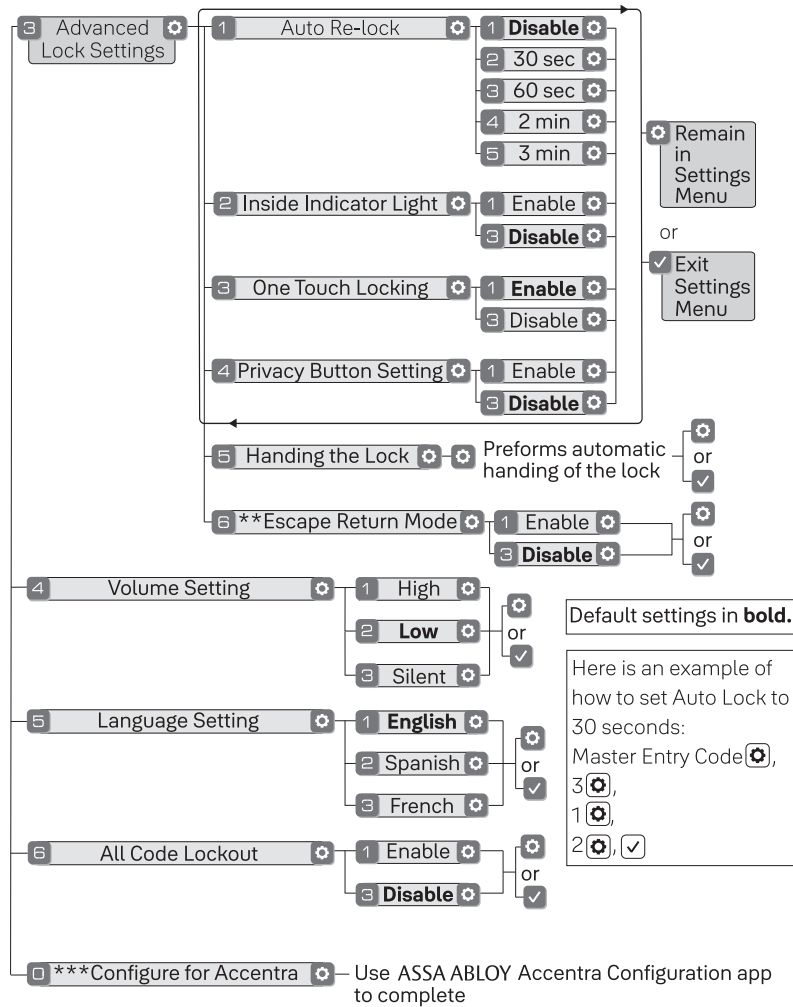
Unlocking Door with RFID

See "Customizing Lock Using Settings Menu", to configure RFID communication.

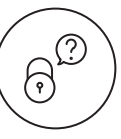


Customizing Lock Using Settings Menu

- Press logo to wake up lock.
- Enter Master Entry Code* followed by the gear icon.
Lock Response: "Welcome to the Settings Menu. Press each number to hear available settings and then press the settings icon to enter."
- Enter digit corresponding to the function to be performed followed by the gear icon. Follow the voice commands.



*Master Entry Code must be created prior to any other programming of the lock.
**If Escape Return Mode is enabled, Auto Re-lock cannot be enabled.
***Configuration will disable locking/unlocking via Entry Codes.



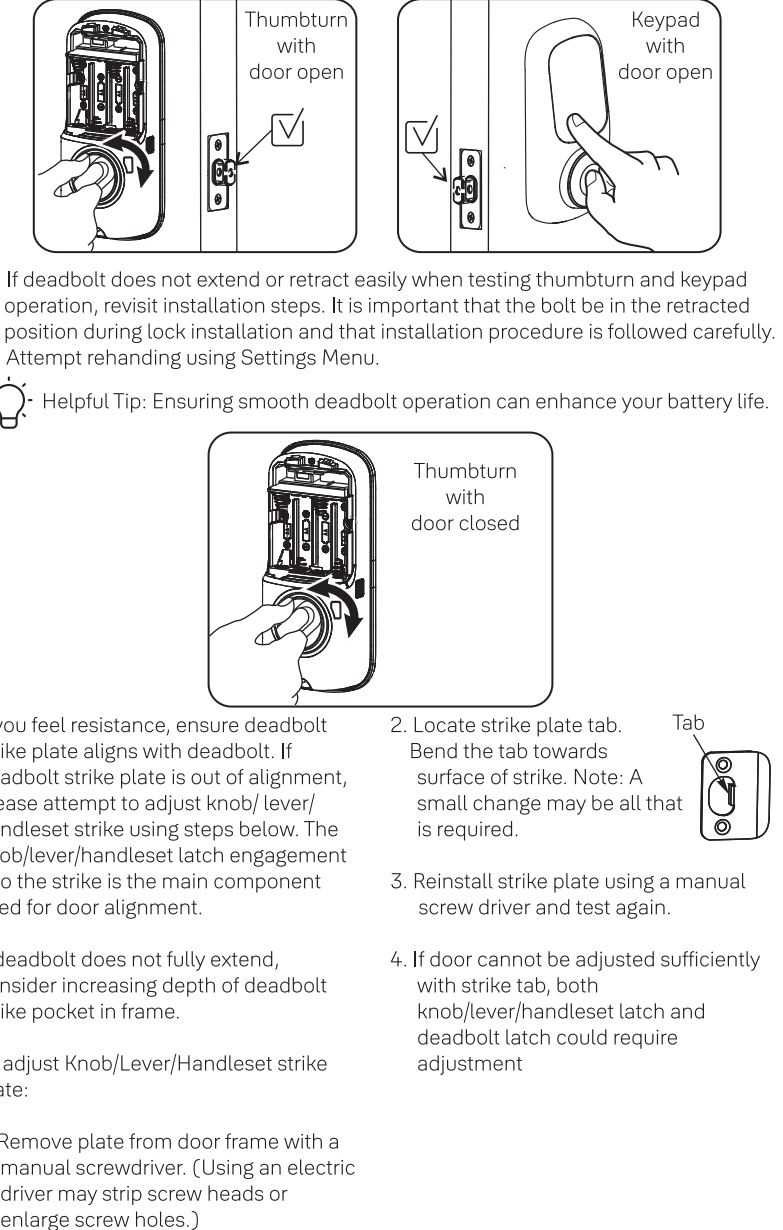
Troubleshooting

Symptom	Suggested Action
Lock does not respond – door is open and accessible.	- Keypad becomes active when logo is pressed. Verify contact with the logo. - If keypad numbers are visible, check they respond when pressed. - Check batteries are installed and oriented correctly (polarity) in battery case. - Replace batteries* if batteries are dead. - Check keypad cable is fully connected and not pinched.
Lock does not respond – door is locked and inaccessible.	- Batteries may not have enough power. Replace batteries*. - Apply a 9V battery to terminals below the keypad for backup power option.
Lock is on for a while then shows no reaction. Lights dim.	Batteries do not have enough power. Replace batteries*.
Lock chimes indicating code acceptance, but door will not open.	- Check for any foreign objects between door and frame. - Check that cable is firmly connected to inside lock.
Lock operates to allow access, but will not automatically re-lock.	- Check to see if Auto Re-lock is enabled. - Disable Auto Re-lock to lock the door (manually).
Entry Codes will not register.	- If low battery indicator is lit, change batteries*. - Entry Codes must consist of 4 to 8 digits. - The same Entry Code cannot be used for multiple users. - Entry Codes are set by the Master Entry Code, which is set first. Contact the Master user. - Entry Codes must be entered within 5 seconds (while keypad is active) or process will have to be restarted. - Check the gear icon or the gear key cannot be part of the Entry Code.
Upon entering Entry Code and pressing the gear key, the lock displays "invalid code" error or lock times out without responding.	- Verify entered code is a valid, previously programmed, 4 to 8 digit code. - All Code Lockout is enabled. Only the Master Entry Code can change All Code Lockout. Contact the Master user.
Upon entering Entry Code and pressing the gear key, red padlock icon appears and there are different tones.	Check to see if the lock is set to All Code Lockout. Setting/managing All Code Lockout is done through Master Entry Code only.
Lock operates, but makes no sound.	Check to see if Volume is set to Silent (see Feature #4).
Lock responds "Low Battery"	This is the alert to replace the batteries. Replace all four (4) batteries* with new AA Alkaline batteries.
Upon entering Entry Code and pressing the gear key, lock responds "Wrong number of digits".	The digits entered were incorrect or incomplete. Re-enter the correct code followed by the gear key.
Lock shows an X on keypad after entering a code.	- Bolt failed to fully retract. Refer to "Hardware Troubleshooting". - Entry Code has not been scheduled for use at time of day it is tried. Try Entry Code again during scheduled time.
Deadbolt does not extend when locking the door with keypad.	Lock was not handled properly. Rehand lock through Settings Menu.

*When batteries are replaced, the deadbolt will lose its time reference. Please synchronize the time using the ASSA ABLOY Accentra Configuration app.



Hardware Troubleshooting

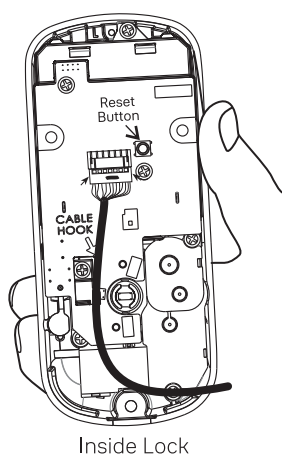


Resetting Lock to Factory Default

When lock is reset to factory defaults all Entry Codes (including Master Entry Code*) are deleted and all programming features are reset to original default settings (see below).

- Remove battery cover and batteries.
- Remove inside lock to access reset button.
- Reset button (see image at right) is located beside cable adapter.
- While pressing reset button (minimum of 3 seconds) reinstall batteries. Release reset button.
- Replace battery cover.

Upon reset, Master Entry Code creation is the only option available and must be performed prior to any other programming of the lock.



Factory Settings

Settings	Factory Setting
Master PIN Code	Registration required*
Automatic Re-lock	Disabled
Inside Indicator Light	Disabled (Off)
One Touch Locking	Enabled
Privacy Button Setting	Disabled
Volume Setting	Enabled (Low)
Language Setting	English
Lockout Mode	Disabled
Wrong Code Entry Limit	5 Times
Shutdown Time	60 Seconds

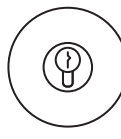
*The Master PIN code must be registered prior to any other programming of the lock.



Setting Definitions

Settings	Default Setting	Definition
Master Entry Code	Creation required*	The Master Entry Code is used for programming and feature settings. It must be created prior to programming the lock. The Master Entry Code will also operate (unlock/lock) the lock.
All Code Lockout	Disabled	This feature is enabled by the Master Entry Code. When enabled, it restricts all Entry Code access (except Master). When attempting to enter a code while the lock is in All Code Lockout, the RED locked padlock will appear on the screen.
Auto Re-lock	Disabled	After a successful code entry or manual unlock with the key, the lock will automatically re-lock after each unlock in an effort to keep your home secure. This feature is optional, and can be turned off. When enabled, the lock will automatically re-lock after thirty (30) seconds.
Escape Return Mode	Disabled	When enabled, Auto Re-lock is prohibited. Requires door to be physically manipulated for lock to be re-locked once door is open from the inside.
Inside Indicator Light	Disabled (Off)	Located on the inside lock. Shows active status (Locked) of lock and can be enabled or disabled in Advanced Lock Settings (Main Menu selection #3).
Language	English	Choosing English (1), Spanish (2) or French (3) becomes the (default) setting for the lock voice prompts.
One Touch Locking	Enabled	When the latch is retracted, activating the keypad will extend the latch (during Auto Re-lock duration or when Auto Re-lock is disabled). When One-Touch Re-lock is not in use (disabled), any valid Entry Code will re-lock the lock.
Privacy Button	Disabled	Privacy mode is disabled by default. When enabled, activate Privacy mode by pressing the privacy button for 4 seconds to put the lock in do-not-disturb mode (all Entry Codes are disabled).
Shutdown Time	60 Seconds	The lock will shutdown (flashing RED) for sixty (60) seconds and not allow operation after the wrong code entry limit (5 attempts) has been met.
Volume	Enabled (Low)	The volume setting for Entry Code verification is set to Low (2) by default; otherwise it can be set to High (1) or Silent (3) for quiet areas.
Wrong Code Entry Limit	5 Times	After five (5) unsuccessful attempts at entering a valid Entry Code, the lock will shut down and not allow operation for sixty (60) seconds.

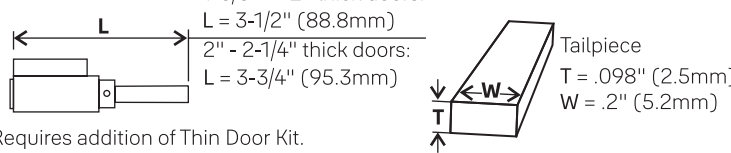
*The Master Entry Code must be created prior to any other programming of the lock.



Replacing Cylinder

- To Remove cylinder:
 - Remove outside lock from door.
 - Remove rubber gasket.
 - Insert small flathead screwdriver under spring. Gently lift spring. Note: Notch on top of cylinder engages spring.
 - Remove cylinder by pulling outward.
- To install new cylinder:
 - Reverse previous steps for removing cylinder.

Before installing cylinder, be sure tailpiece is correct length (see below).



*Requires addition of Thin Door Kit.

FCC:

Class B Equipment
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.

Warning: Changes or modifications to this device, not expressly approved by ASSA ABLOY could void the user's authority to operate the equipment.

Industry Canada:

This Class B digital apparatus meets all requirements of the Canadian Interference Causing Equipment Regulations.
Cet appareil numérique de la classe A répond à toutes les exigences de l'interférence canadienne causant des règlements d'équipement.

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.

FCC/IC RF Radiation Exposure Statement:
This equipment complies with FCC RF Radiation exposure limits set forth for an uncontrolled environment.
This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.
RF au IC d'exposition aux radiations: Cet équipement est conforme à l'exposition de la IC pour un environnement non contrôlé.
L'antenne pour ce transmetteur ne doit pas être mise en contact avec d'autres émetteurs ou récepteurs de produits Multi-émetteurs.
This device contains a radio-frequency transmitter (transmitter) that complies with Innovation, Science and Economic Development Canada's (ISED) RF Radiation Exposure Statement. This equipment complies 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:

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ASSA ABLOY

Product Support : 1-800-810-9473

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WARNING

This product can expose you to lead which is known to the state of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

08/2018