Yale® Assure Lock® Touchscreen Deadbolt Installation and Programming Instructions (YRD226/YRD620/YRD622)

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

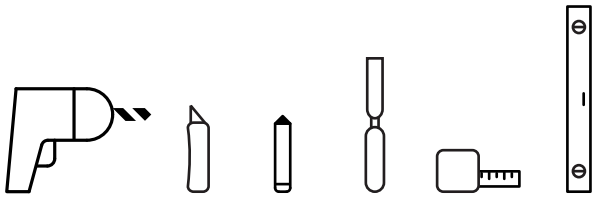
- Remove existing deadbolt
- Double check door measurements
- Install your Assure Lock
- Program your Assure Lock
- Add your Assure Lock to your smart home system or Yale Access app if purchased with Yale Smart Module or Yale Access Upgrade Kit

Tools Needed



Standard Phillips Head Screwdriver

Tools Needed For New Doors Or Adjusting Existing Door



Drill | Utility Knife | Pencil | Wood Mortise Chisel | Tape Measure | Level

Before you begin

DOWNLOAD THE BILT APP

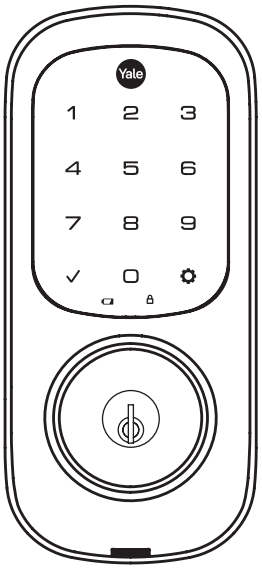
BILT.

Download on the App Store | GET IT ON Google Play

Using the app on your smart phone, scan this QR for step-by-step installation instructions & to register your lock

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.

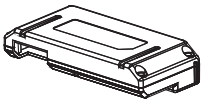
What's In The Box



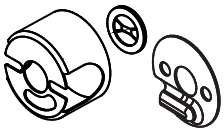
Touchscreen Keypad



Keys



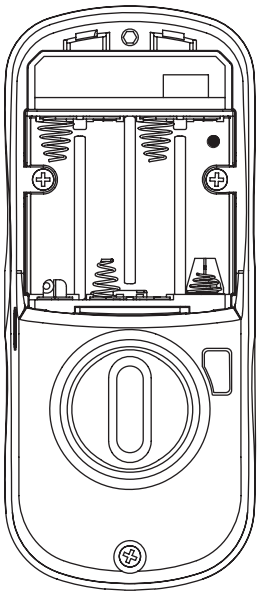
Yale Smart Module
(with select models)



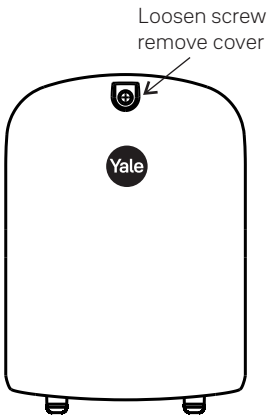
Optional
Fire Kit Parts
(Required for
Fire Rated Openings)



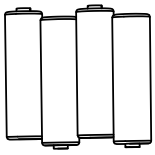
Installation Guide
and Door Template



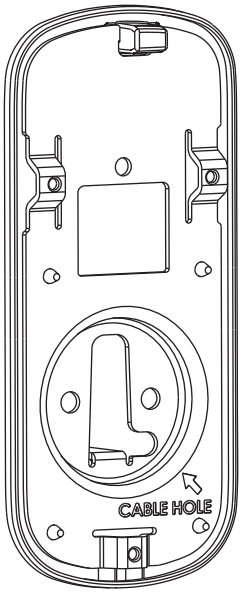
Inside Lock



Battery Cover

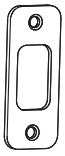


4 AA Batteries

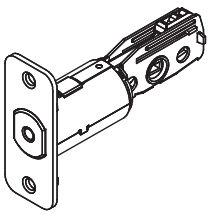


Mounting Plate

Mounting Hardware



Strike Plate



Adjustable
Deadbolt
(AYRDB-DRIVE
Adjustable Drive-In Deadbolt
available for purchase)



x2
Inside Lock
Screws



x4
Strike Plate
and
Deadbolt Screws



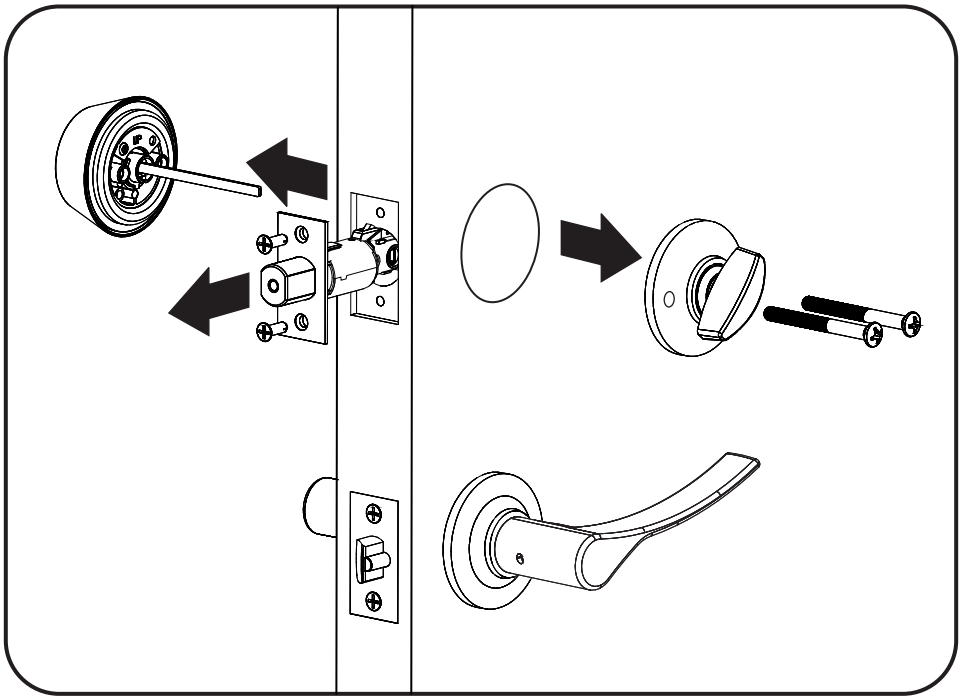
x2
Optional
Security
Strike Plate Screws

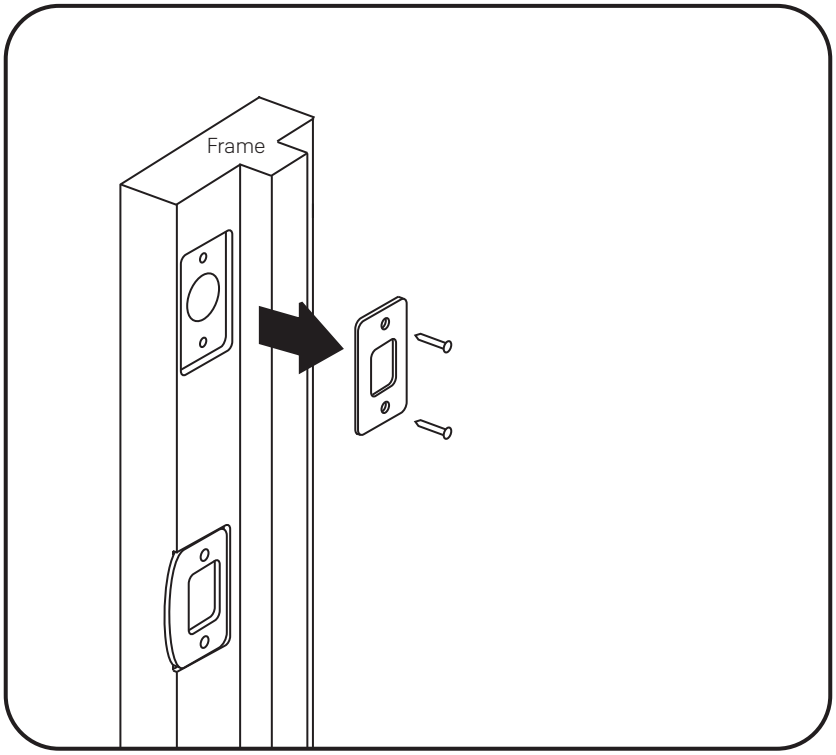


x2
Long Through-bolt for
1-3/4" - 2-1/4"
Door Thickness

1 Remove Existing Deadbolt

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

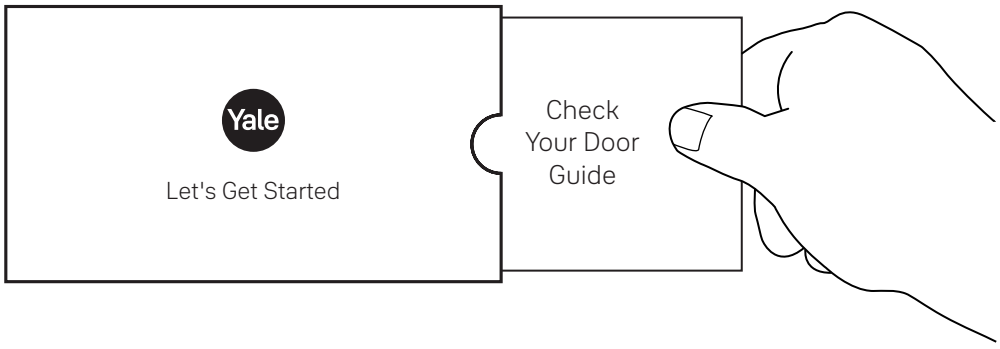




2 Check Door Measurements And Make Adjustments If Needed

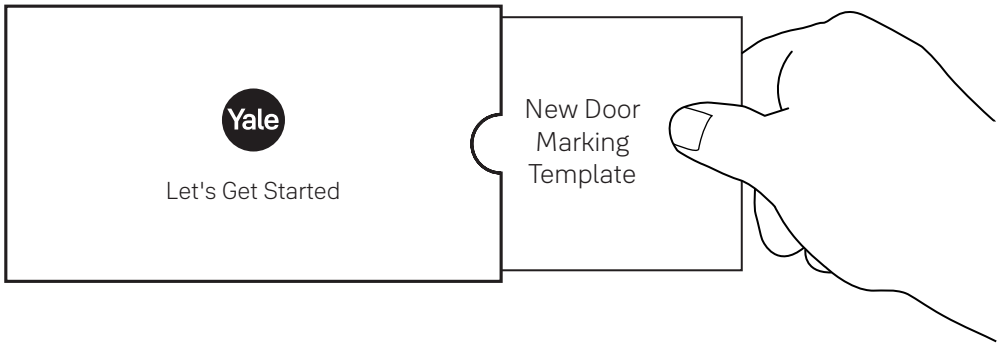
Door Checker

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



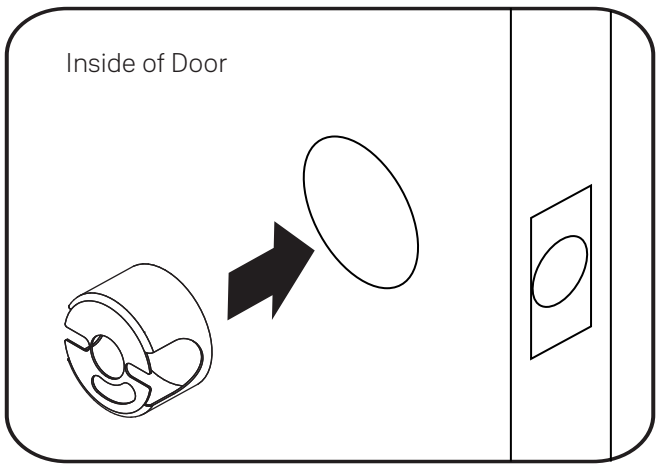
New Door Marking Template

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 Install Optional Fire Cup for Fire Rated Openings

Only included with select models



Trusted every day

P/N YRD226-MNL-0001 Rev J

Part of ASSA ABLOY

3 Install Deadbolt and Strike Plate

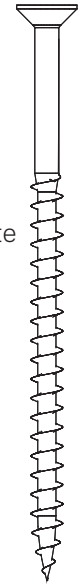


x2
For Deadbolt
Actual Size



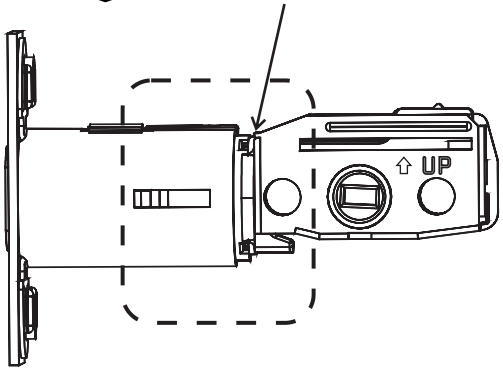
x2
For Strike Plate
Actual Size

Choose standard strike plate screws or security screws.



x2
For Strike Plate, optional
Actual Size

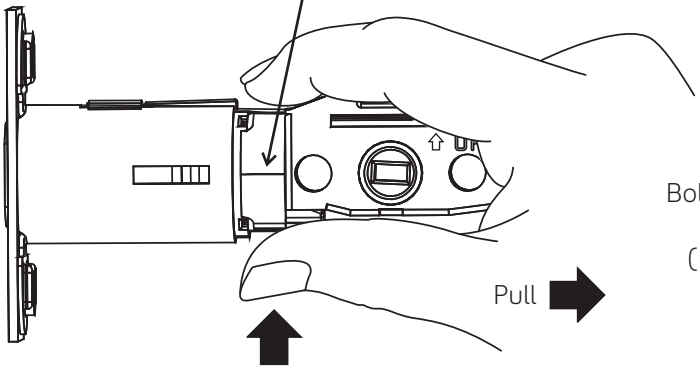
*2-3/8" Backset, default



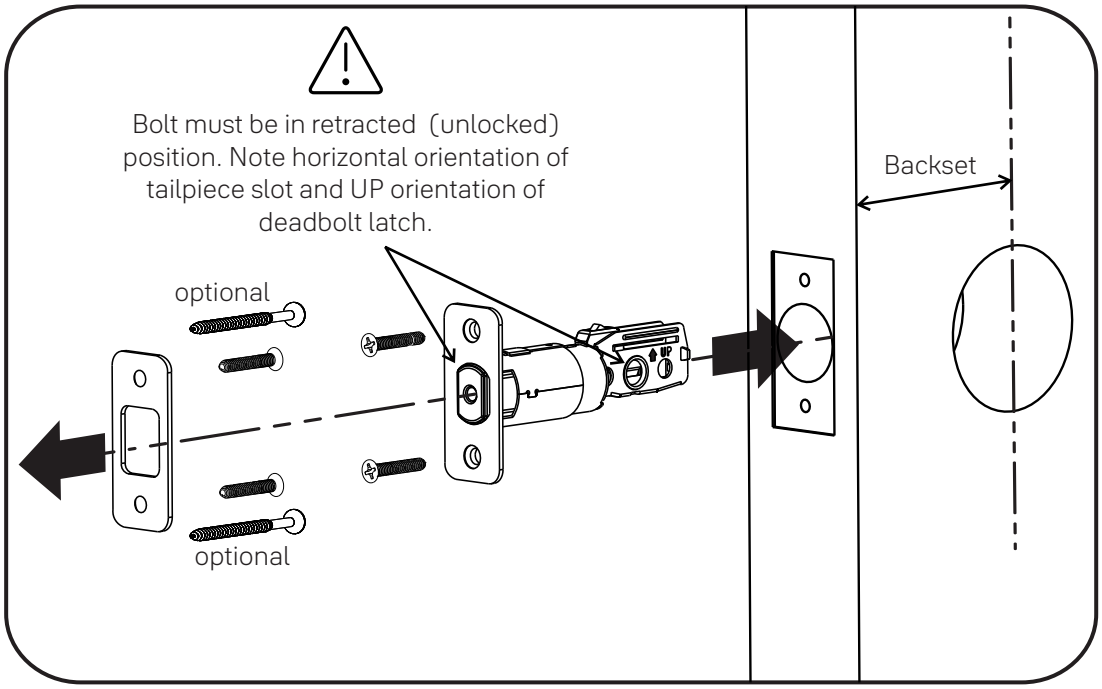
*Deadbolt position is based on backset. Choose position appropriate for your door. Reference Door Checker measurements E and F.

AYRDB-DRIVE
Adjustable Drive-In Deadbolt
available for purchase

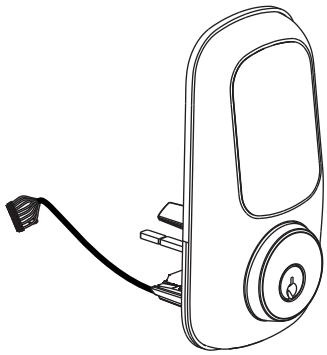
O *2-3/4" Backset, optional



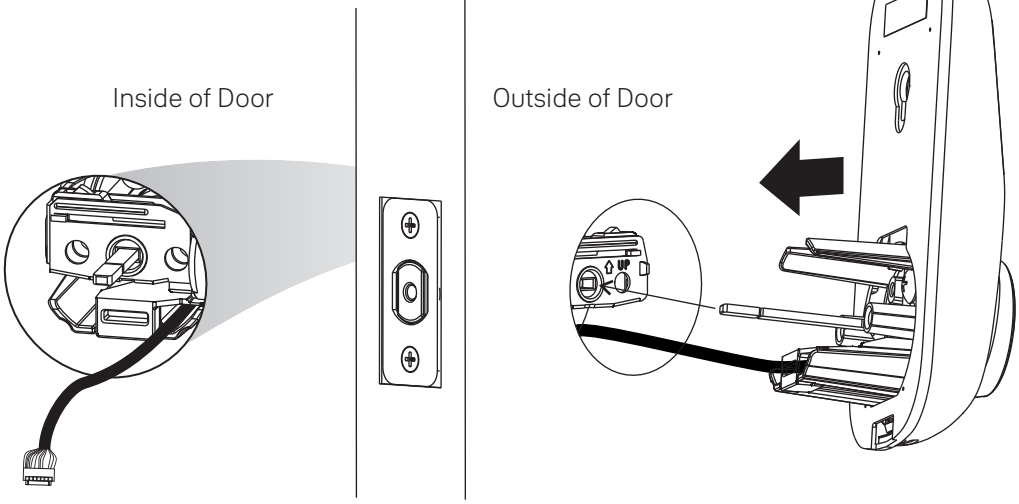
Bolt must be in retracted (unlocked) position.



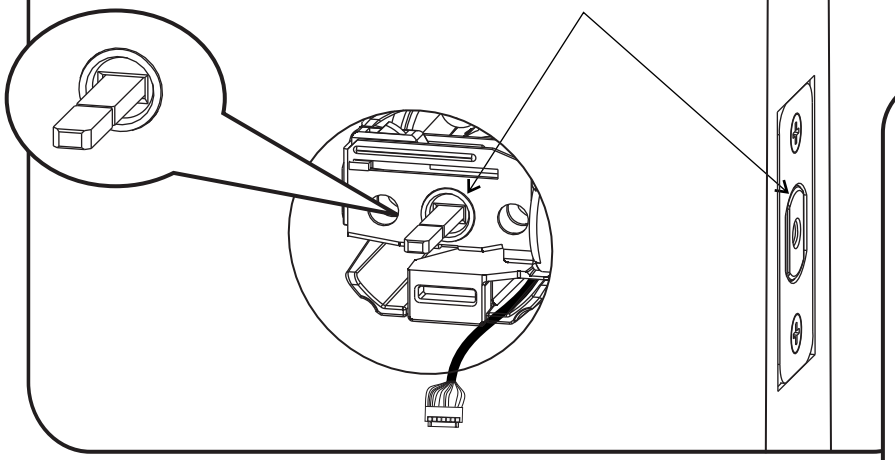
4 Install Touchscreen Keypad



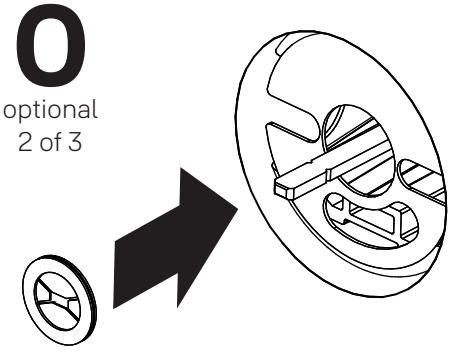
Door face hole must be at least 2-1/8".
If hole is too small, a door lock installation kit or jig should be used to increase hole size.



Bolt must be in retracted (unlocked) position. Note horizontal orientation of mechanism.

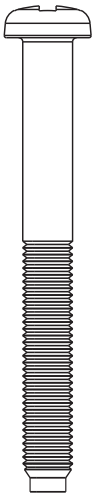


0 optional 2 of 3



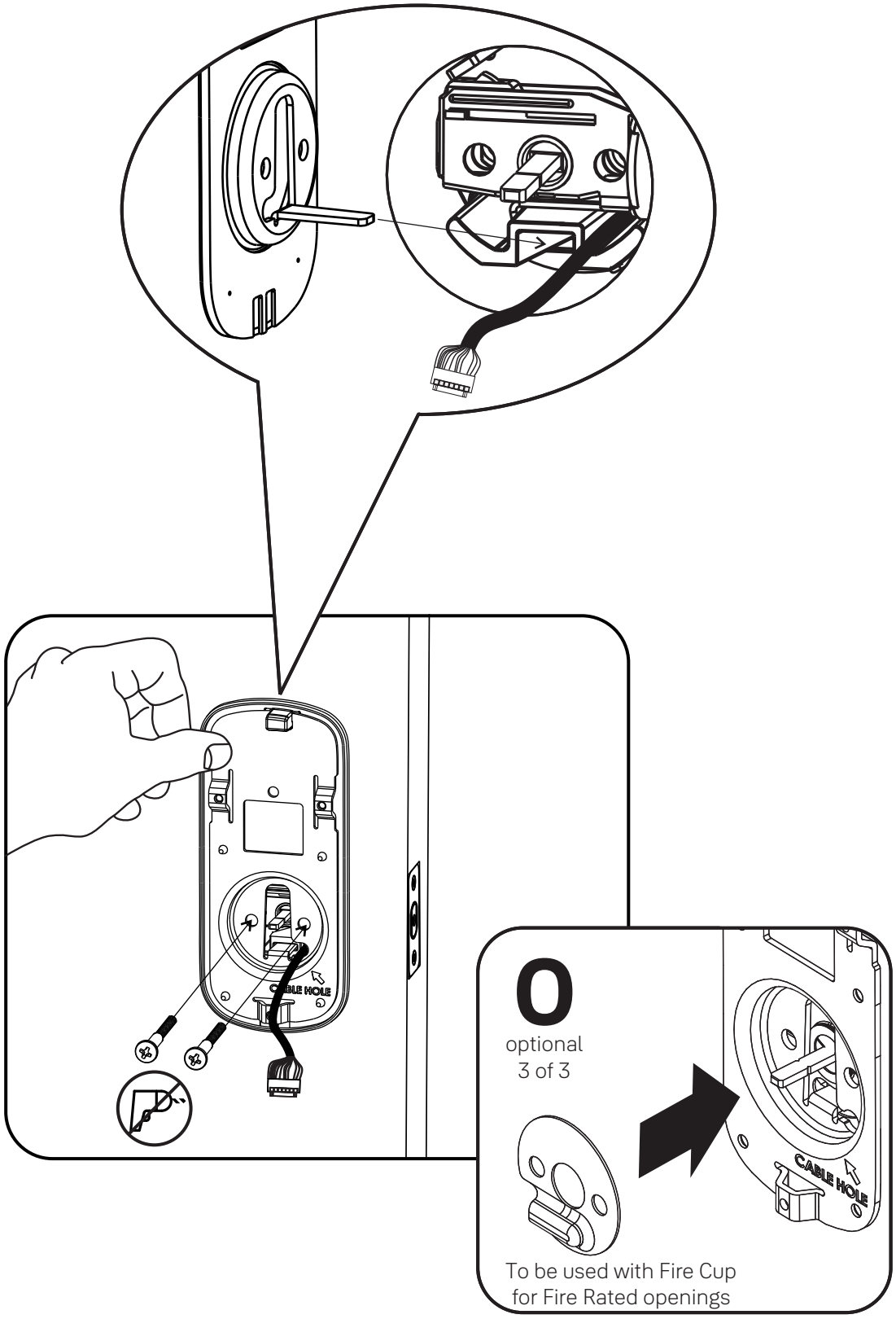
To be used with Fire Cup for Fire Rated openings

5 Install Inside Mounting Plate

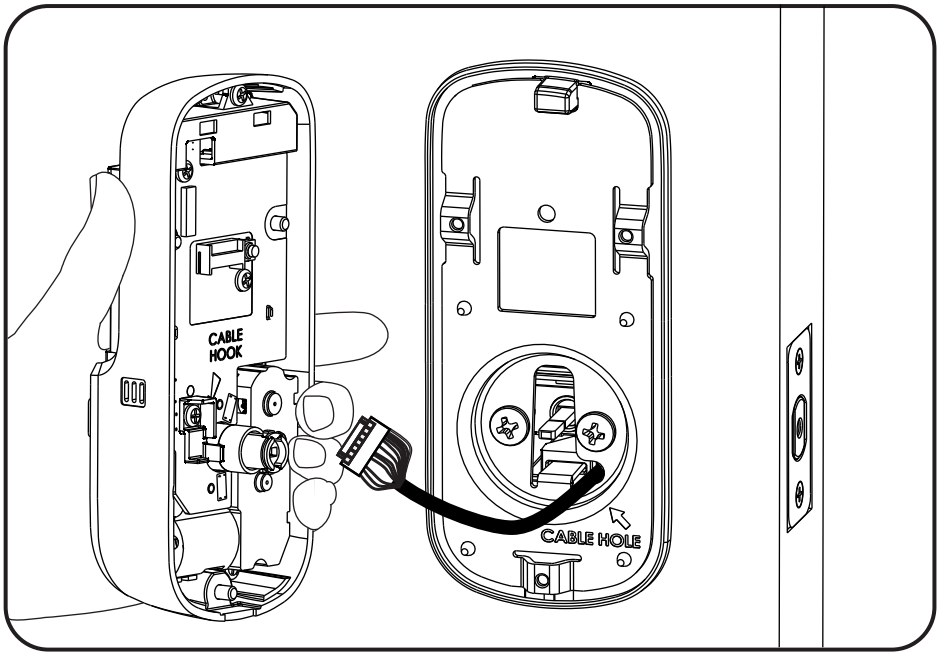


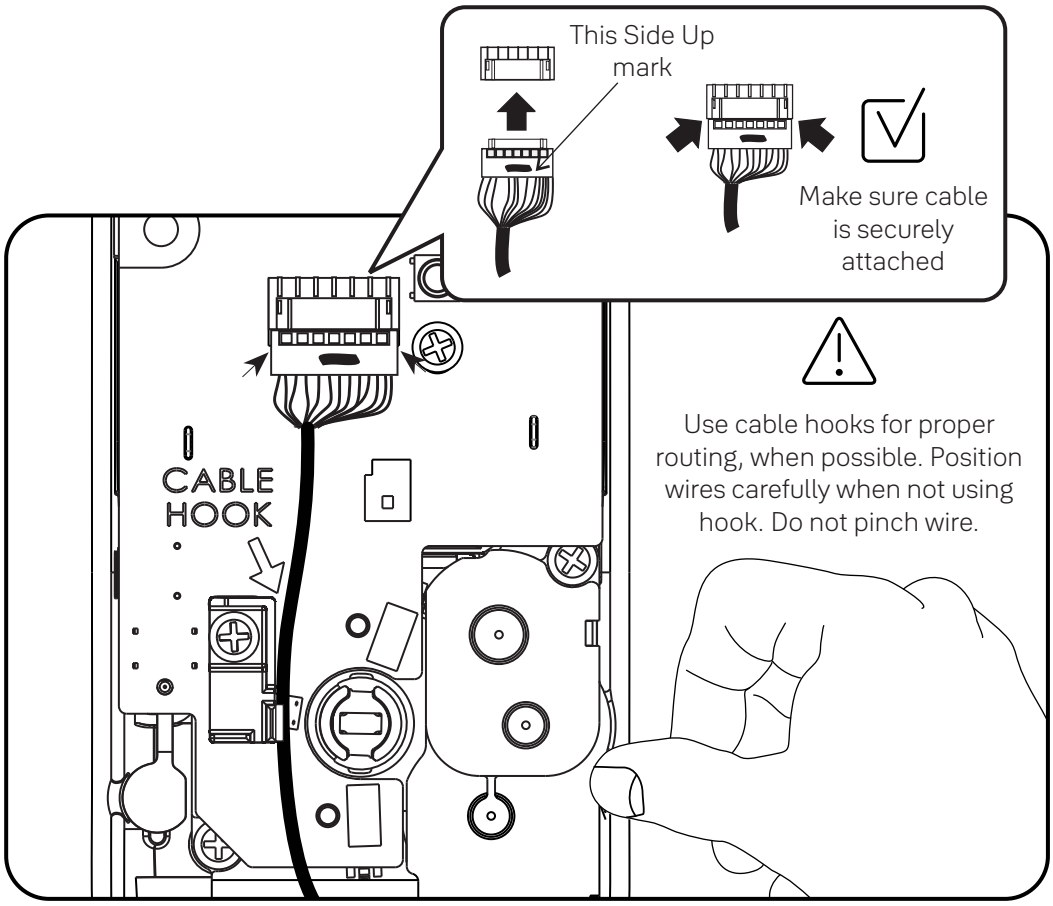
x2

Actual Size



6 Attach Cable

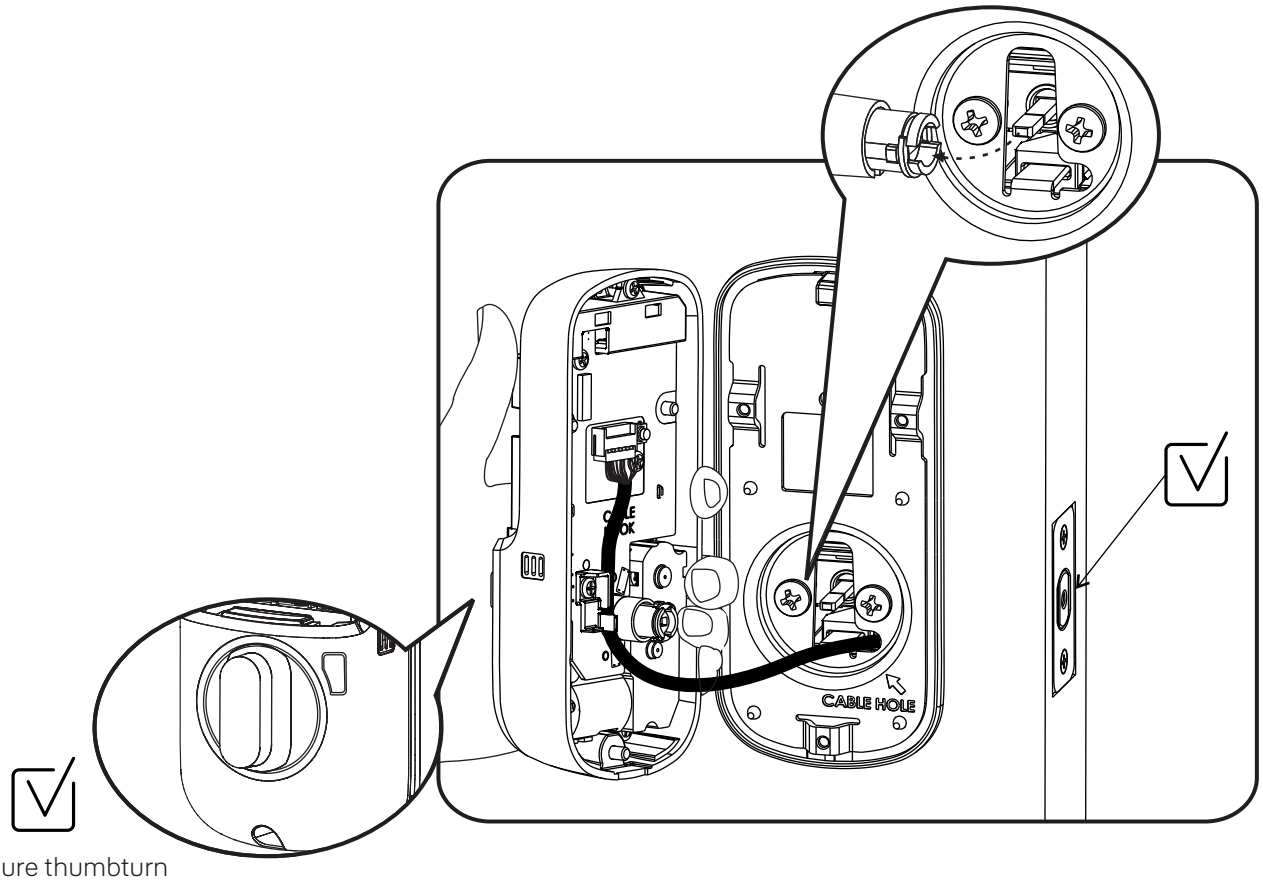




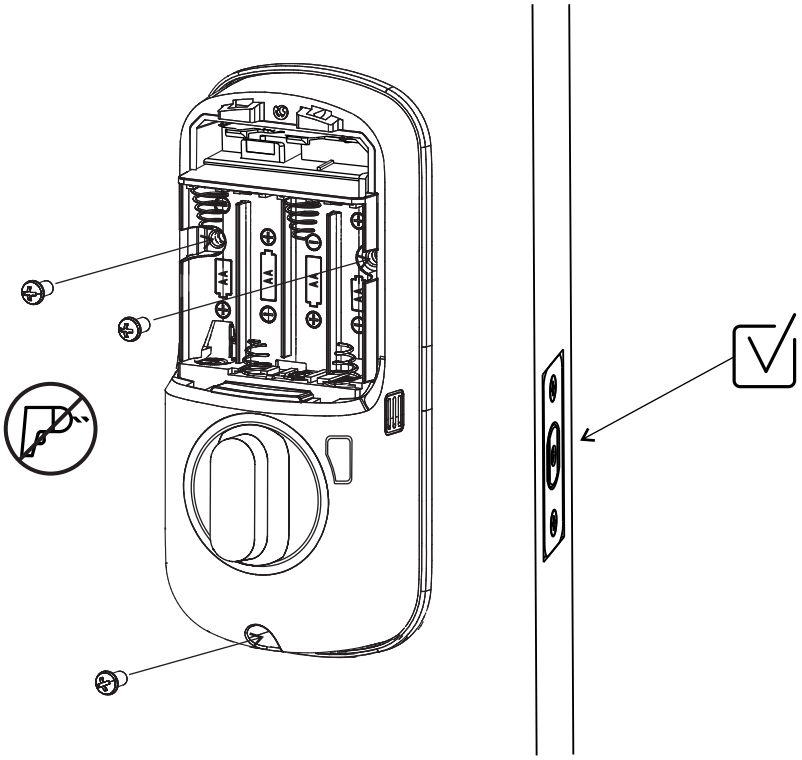
7 Install Inside Lock



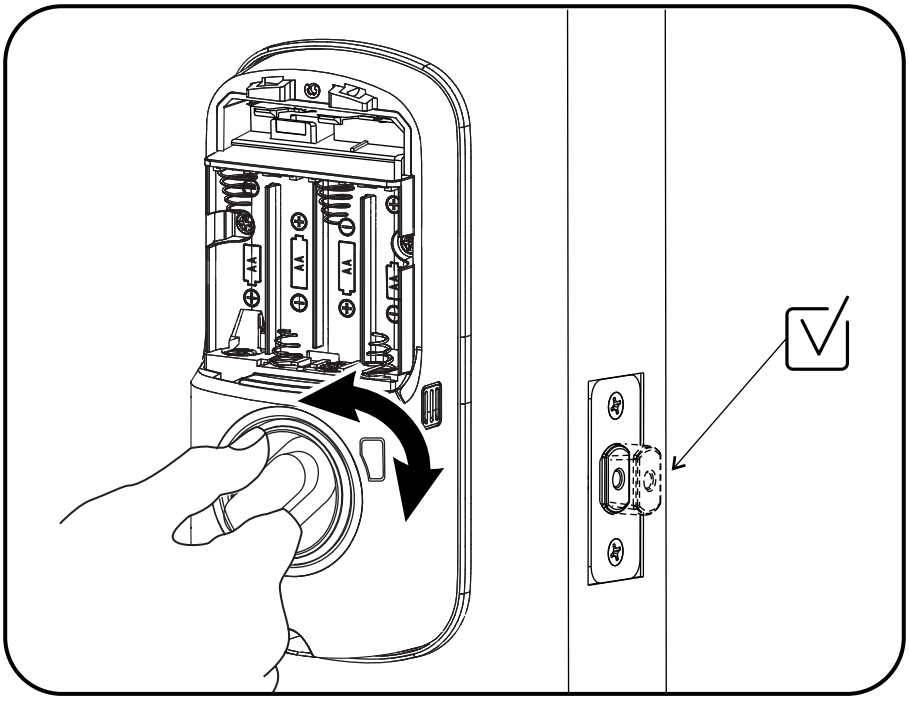
x3
Actual Size

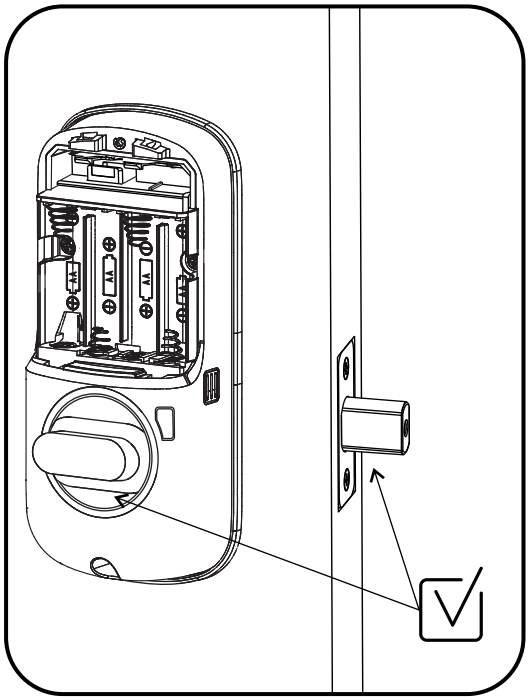


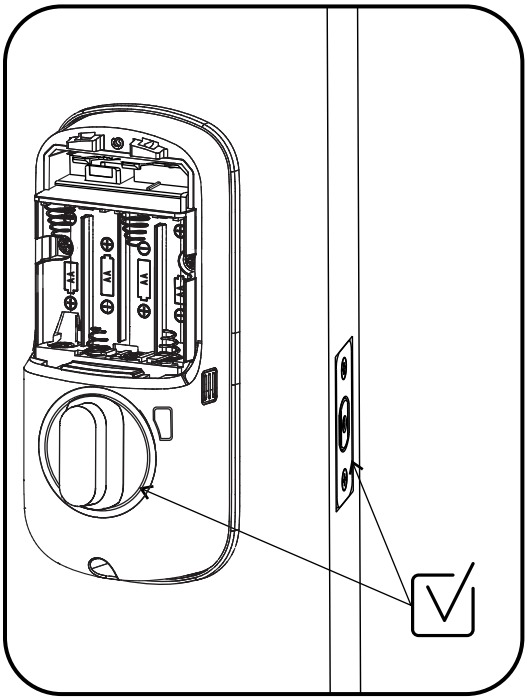
Make sure thumbturn is vertical. If thumbturn does not move freely, refer to "Hardware Troubleshooting".



Test Mechanical Operation

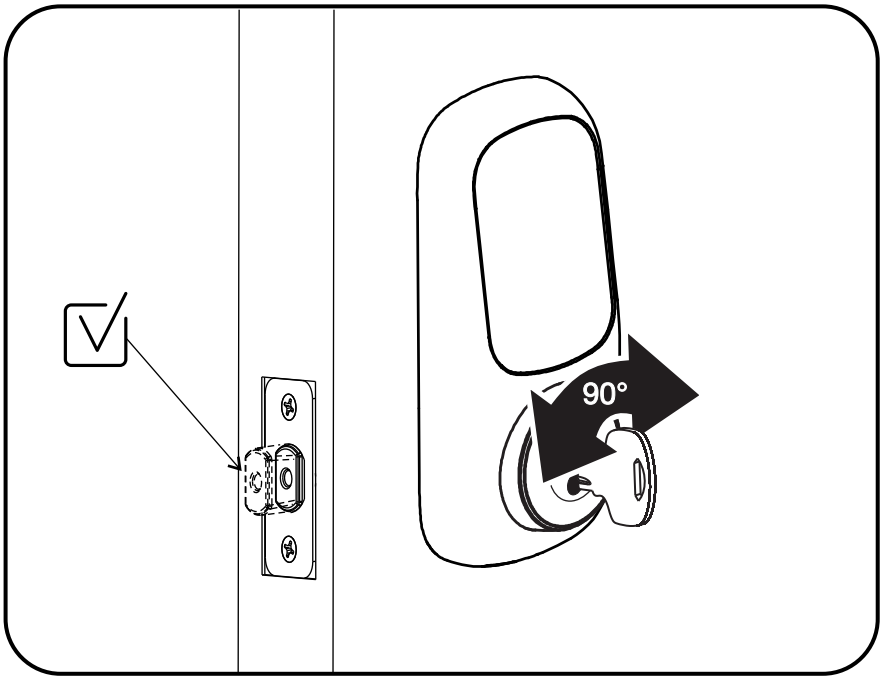






If thumbturn operation fails, check the installation beginning with Step 7.

Test Mechanical Operation

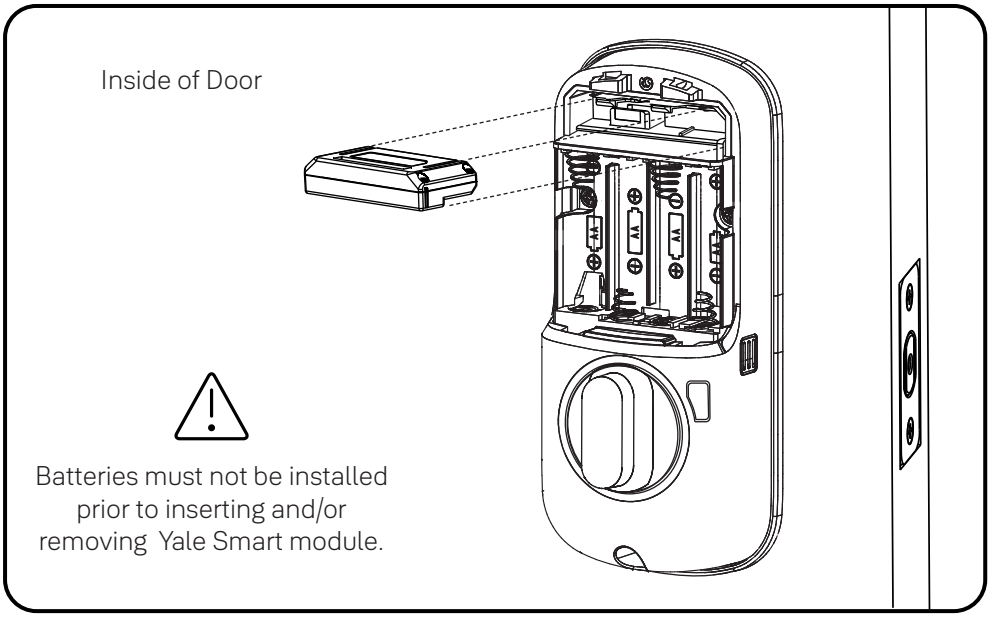


If key operation fails, check installation beginning with Step 4.

0 optional

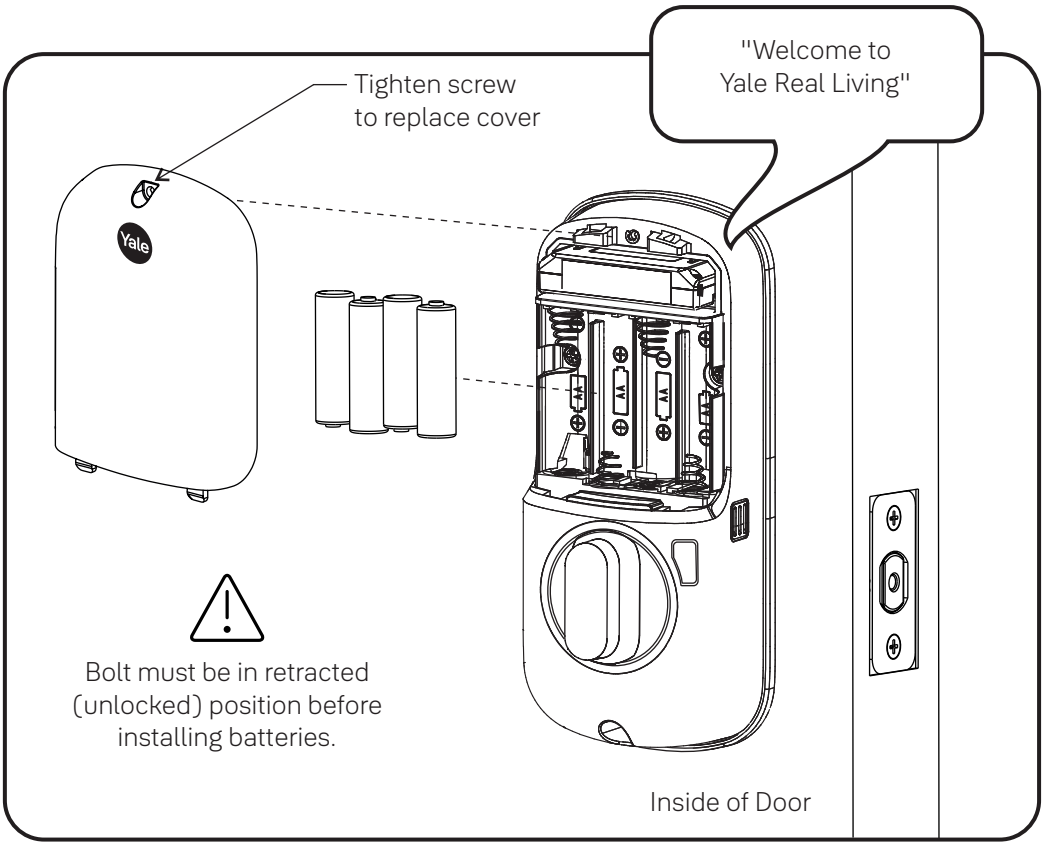
Install Yale Smart Module

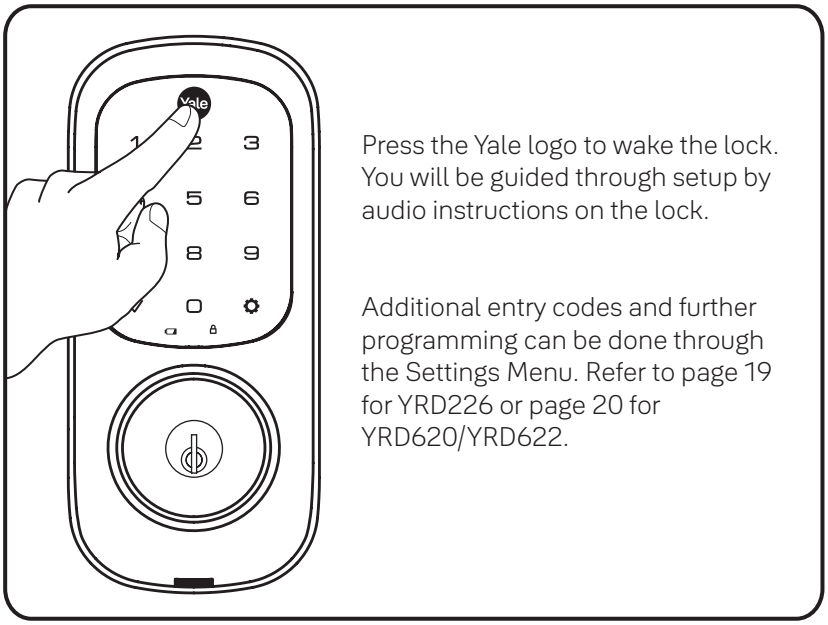
Included with select models



For more information about Yale Smart modules and smart home features visit US.YaleHome.com/Smart

8 Install Batteries and Cover

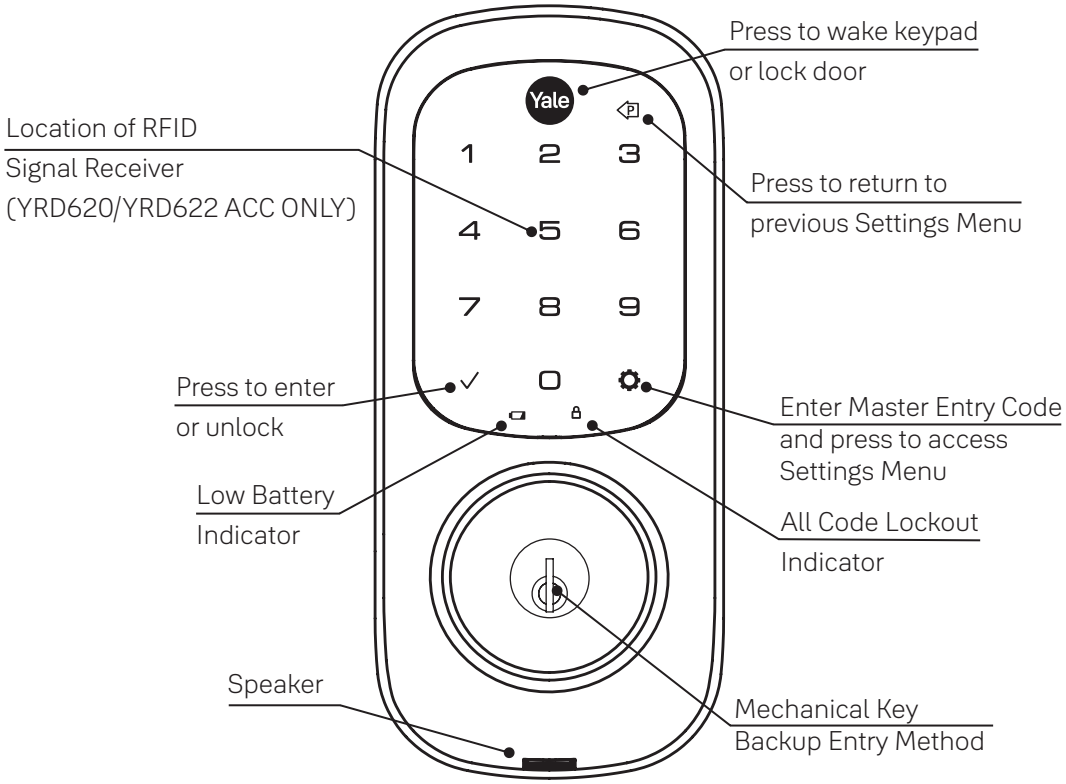




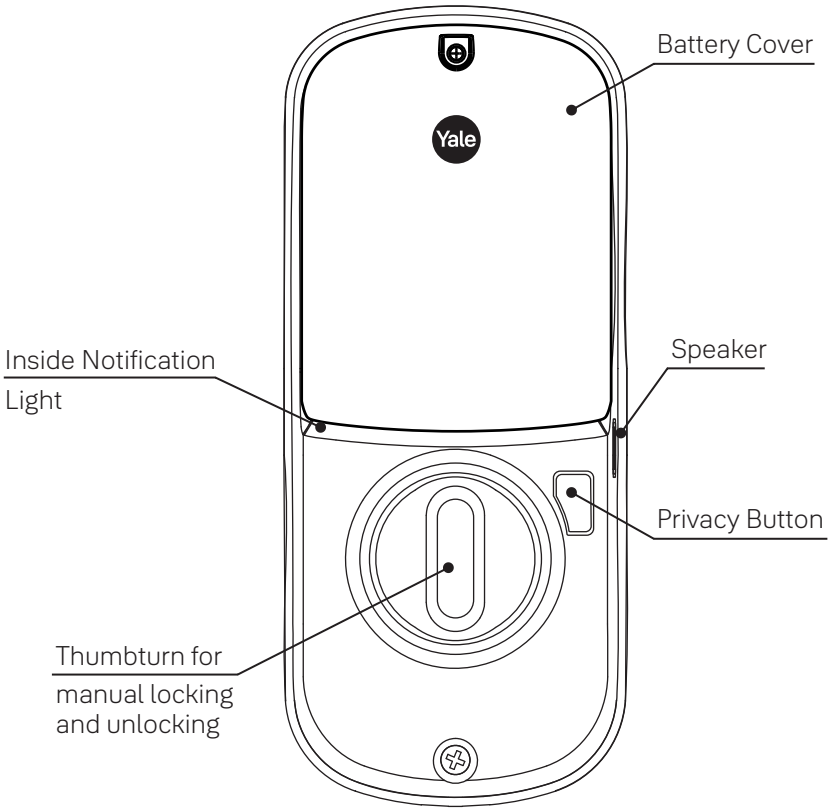
Congratulations, you've installed the Yale® Assure Lock®
Touchscreen Deadbolt (YRD226/YRD620/YRD622)!
Using Your Lock instructions will help you customize your lock.

Using Your Lock

Touchscreen Keypad

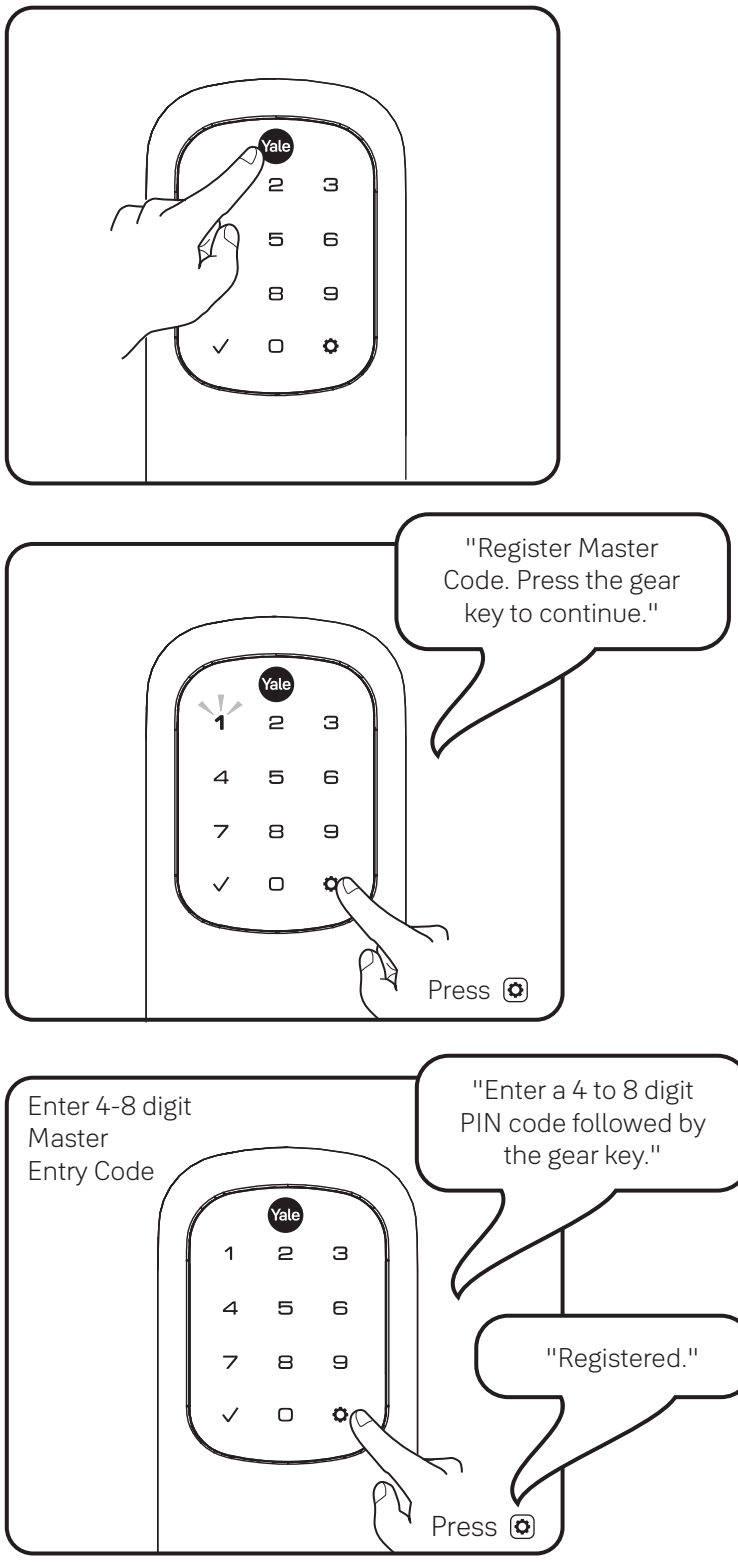


Inside Lock



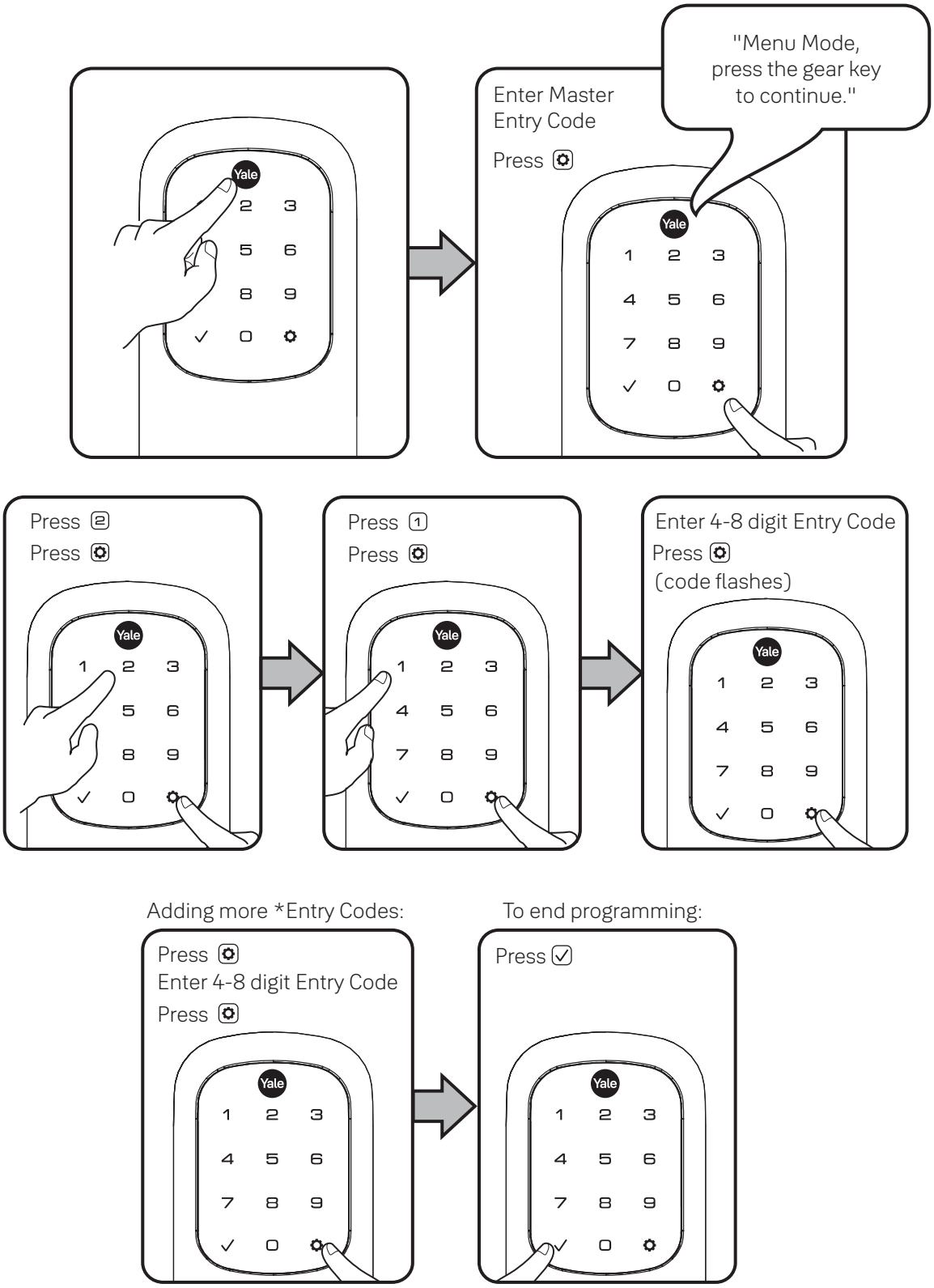
Creating Master Entry Code

The Master Entry Code is used to change 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.

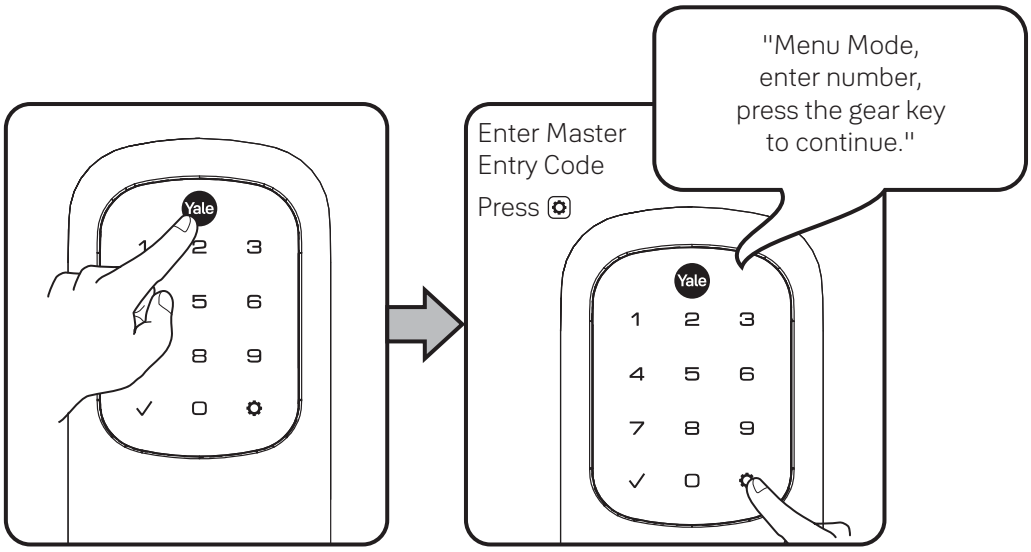


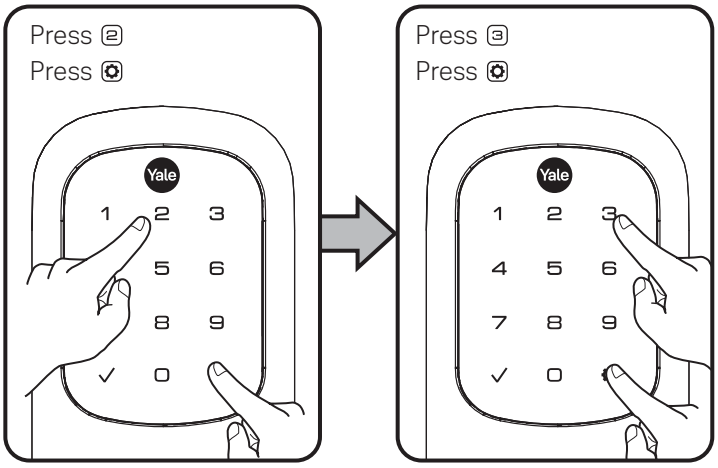
Creating Entry Codes

Master Entry Code must be created first.
*Max Entry Codes = 250 with Smart Module; 25 without.



Deleting Entry Codes

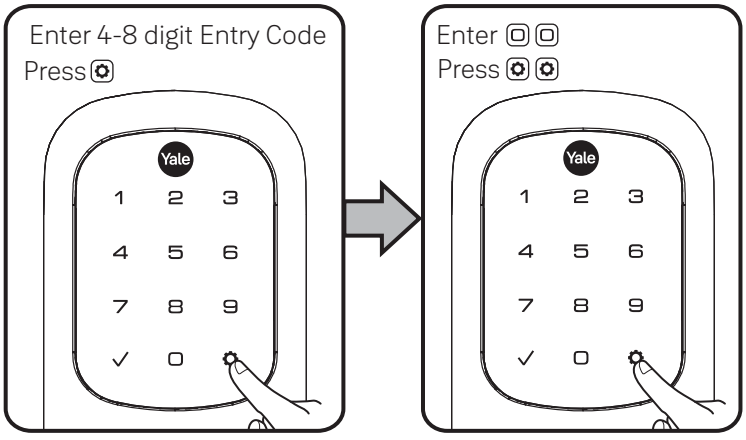




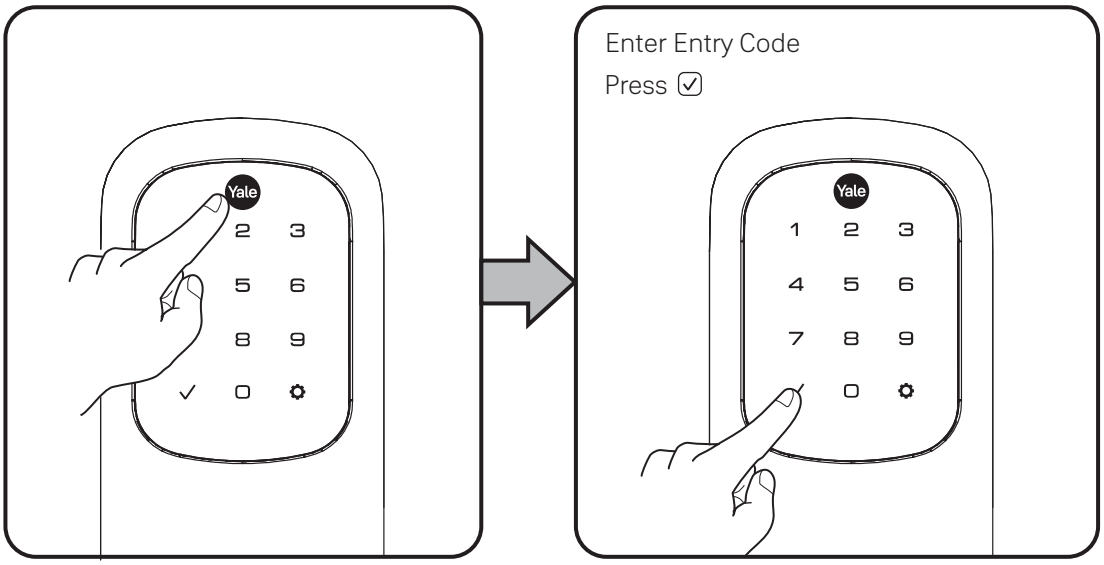
Deleting one Entry Code:

To delete one Entry Code, you must enter the Entry Code you wish to delete.

To delete all Entry Codes: (Does not delete Master Entry Code)

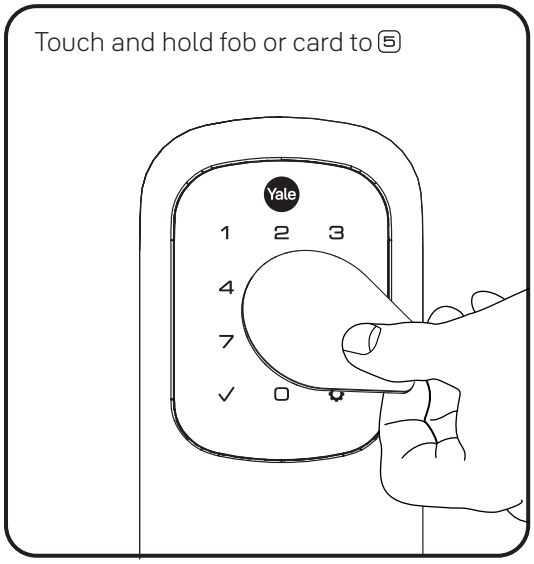


Unlocking Door with Entry Codes



Unlocking Door with RFID (YRD620/YRD622 ACC ONLY)

See "Customizing YRD620/YRD622 Lock Using Settings Menu", page 20 to configure RFID communication.



Setting Definitions

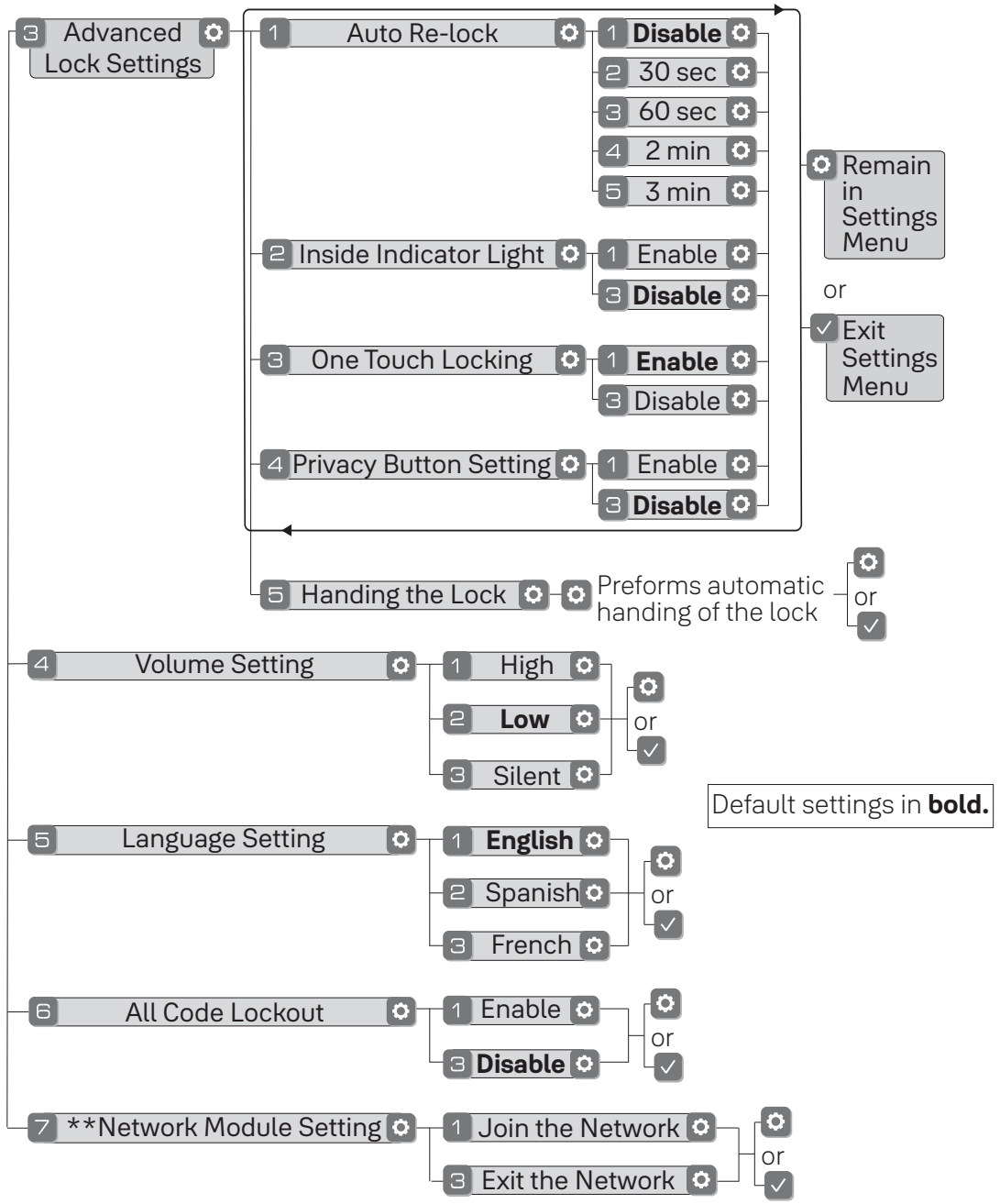
Settings	Default Setting	Definition
Master Entry Code	Creation required*	The Master Entry Code is used for programming and feature settings. It must be created prior to programming the lock. The Master Entry Code will also operate (unlock/lock) the lock.
All Code Lockout	Disabled	This feature is enabled 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 (YRD620/YRD622 ONLY)	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.

Customizing YRD226 Lock Using Settings Menu

*Master Entry Code required

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

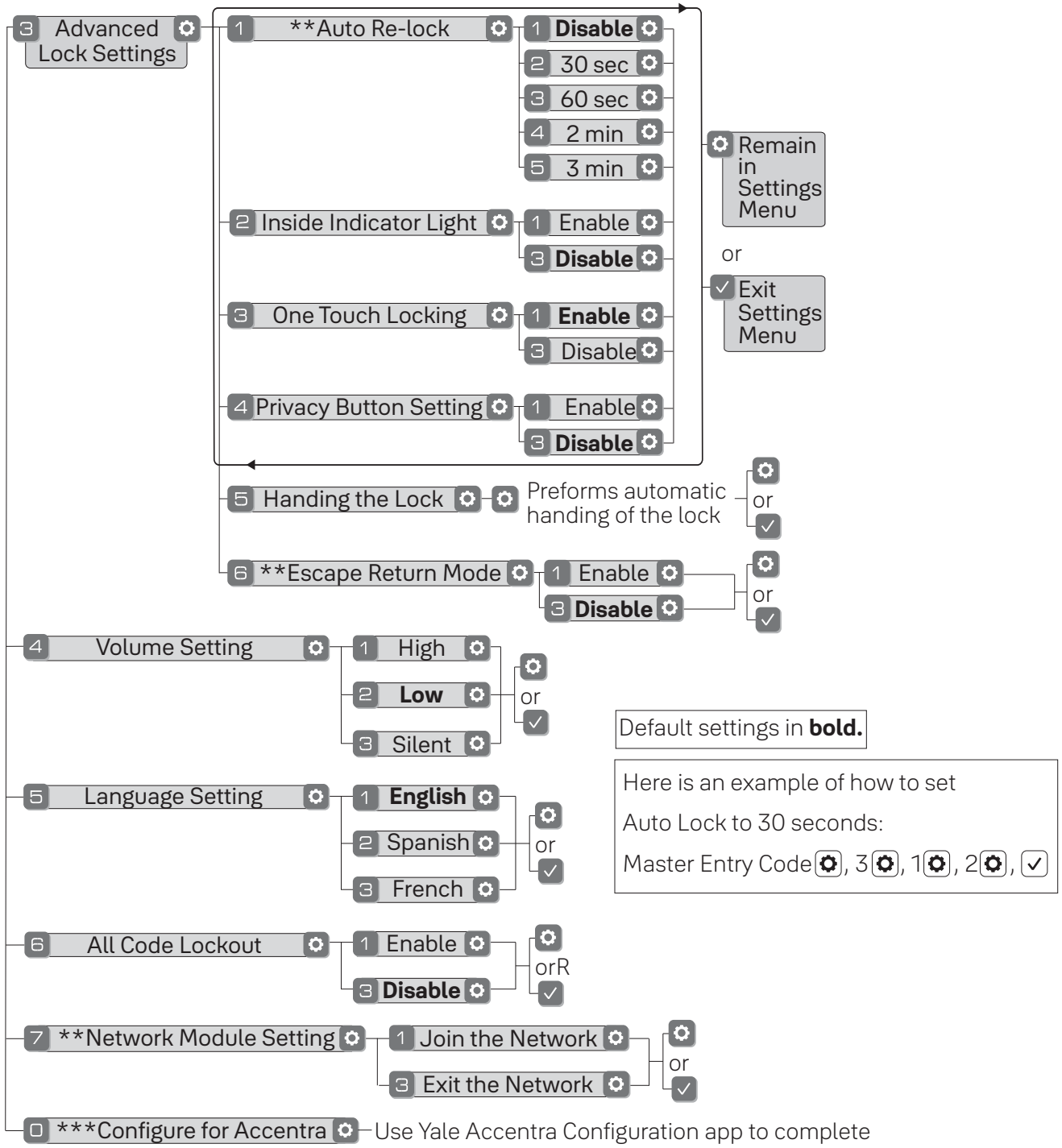


Here is an example of how to set Auto Lock to 30 seconds:
Master Entry Code ⚙, 3 ⚙, 1 ⚙, 2 ⚙, ✓

*The Master Entry Code must be created prior to any other programming of the lock.
**Network Module Setting function appears only with Yale Smart module installed.

Customizing YRD620/YRD622 ACC ONLY Lock Using Settings Menu *Master Entry Code Required

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



Default settings in **bold.**

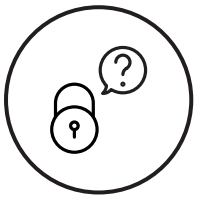
Here is an example of how to set Auto Lock to 30 seconds:
Master Entry Code ⚙, 3 ⚙, 1 ⚙, 2 ⚙, ✓

*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.

Trusted every day

P/N YRD226-MNL-0001 Rev J

Part of ASSA ABLOY

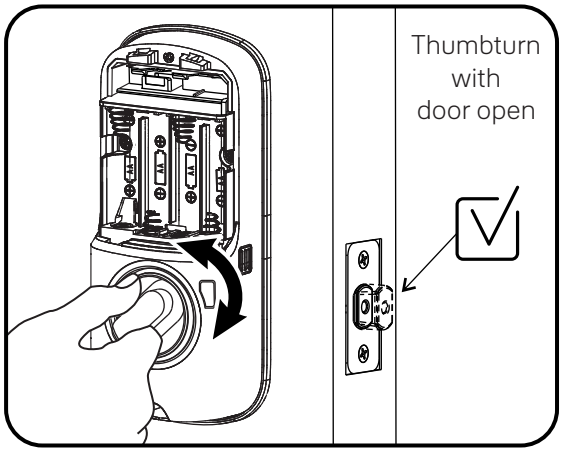


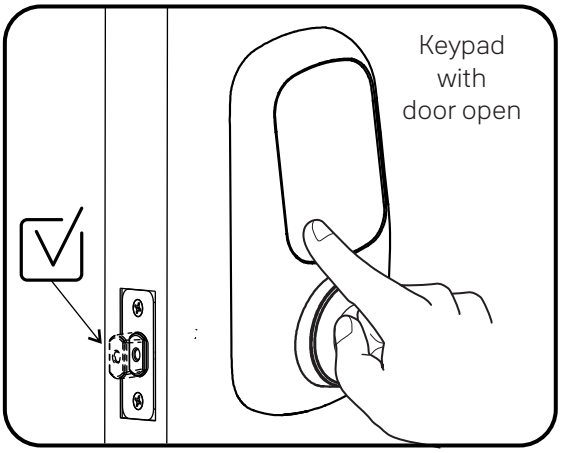
Troubleshooting

Symptom	Suggested Action
Lock does not respond – door is open and accessible.	• Keypad becomes active when the Yale 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 the 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 ✓ or gear ⚙ cannot be part of the Entry Code.
Upon entering an Entry Code and pressing ✓ 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 an Entry Code and pressing the ✓ 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 an Entry Code and pressing the ✓ key, lock responds "Wrong number of digits".	• The digits entered were incorrect or incomplete. Re-enter the correct code followed by the ✓ 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 handed properly. Rehand lock through Settings Menu.

* When batteries are replaced, Smart Module locks have a real time clock that will be set through the User Interface. It is recommended to verify correct date and time; particularly those locks operating under Daylight Savings Time.

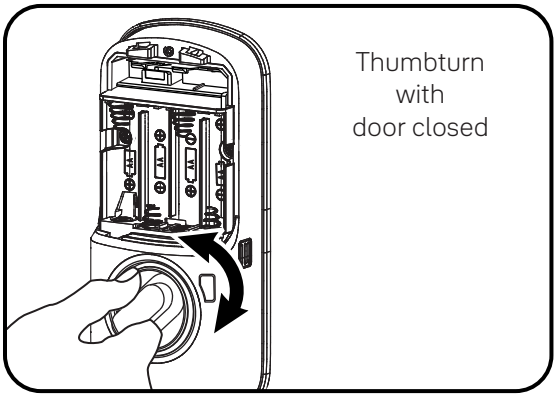
Hardware Troubleshooting





- If deadbolt does not extend or retract easily when testing thumbturn and keypad operation, revisit installation steps. It is important that the bolt be in the retracted position during lock installation and that installation procedure is followed carefully.
- Attempt rehanding using Settings Menu.

Helpful Tip:
Ensuring smooth deadbolt operation can enhance your battery life.

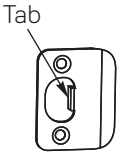


If you feel resistance, ensure deadbolt strike plate aligns with deadbolt. If deadbolt strike plate is out of alignment, please attempt to adjust knob/ lever/ handleset strike using steps below. The knob/ lever/ handleset latch engagement into the strike is the main component used for door alignment.

If deadbolt does not fully extend, consider increasing depth of deadbolt strike pocket in frame.

To adjust Knob/Lever/Handleset strike plate:

1. Remove plate from door frame with a manual screwdriver. (Using an electric driver may strip screw heads or enlarge screw holes.)
2. Locate strike plate tab.
   Bend the tab towards surface of strike.
   Note: A small change may be all that is required.



3. Reinstall strike plate using a manual screw driver and test again.
4. If door cannot be adjusted sufficiently with strike tab, both knob/lever/handleset latch and deadbolt latch could require adjustment – we suggest you contact a local locksmith for assistance.

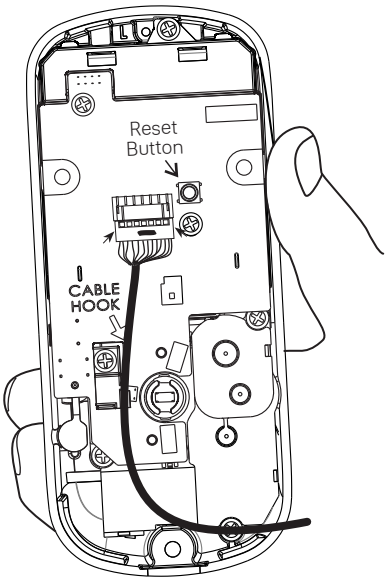
For help with misalignments, watch our door alignment video: US.YaleHome.com/en/support/yale-assure-lock-faqs/electronic-lock-installation/

Resetting Lock to Factory Defaults

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

1. Remove battery cover and batteries.
2. Remove inside lock to access reset button.
3. Reset button (see image at right) is located beside cable adapter.
4. While pressing reset button reinstall batteries. Hold reset button a minimum of 3 seconds then release.
5. Replace battery cover.

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



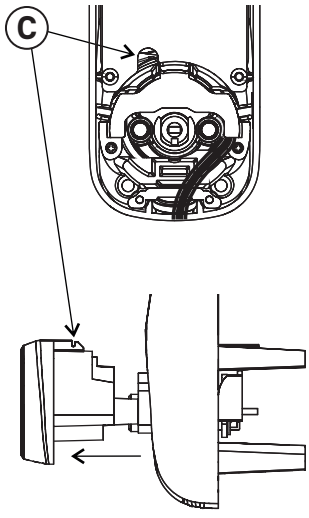
Inside Lock

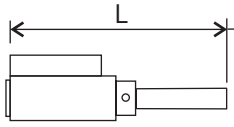
Replacing Cylinder

1. To Remove cylinder:
   A. Remove outside lock from door.
   B. Remove rubber gasket.
   C. Insert small flathead screwdriver under spring. Gently lift spring. Note: Notch on top of cylinder engages spring.
   D. Remove cylinder by pulling outward.

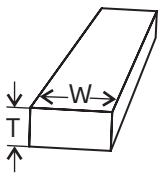
Before installing cylinder, be sure tailpiece is correct length (see below).

2. To install new cylinder:
   A. Reverse previous steps for removing cylinder.





1-3/8"* - 2" thick doors:
L = 3-1/2" (88.8mm)
2" - 2-1/4" thick doors:
L = 3-3/4" (95.3mm)



Tailpiece
T = .098" (2.5mm)
W = .2" (5.2mm)

*Requires addition of Thin Door Kit.

FCC:
FCC ID : 2ABFG-YRD622BLEV1
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 **Yale Home** could void the user's authority to operate the equipment.

Industry Canada:
IC ID : 11626A-YRD622BLEV1
This Class A digital apparatus meets all requirements of the Canadian Interference Causing Equipment Regulations.
Cet appareillage numérique de la classe A répond à toutes les exigences de l'interférence canadienne causant des règlements d'équipement.

Yale Home

24/7 Product Support : 1-855-213-5841 • www.US.YaleHome.com

Yale® and Assure Lock® are registered trademarks of Yale Home. Yale Accentra™ is a trademark of Yale Home. Other products' brand names may be trademarks or registered trademarks of their respective owners and are mentioned for reference purposes only. © Copyright 2020. All rights reserved. Reproduction in whole or in part without the express written permission of Yale Home is prohibited.