



Yale® Assure Lock® SL
Key Free Touchscreen Deadbolt
Installation and Programming Instructions
(YRD256)

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

- **Remove Existing Door Hardware**
- **Double Check Door Measurements**
- **Install your Assure Lock SL**
- **Program your Assure Lock SL**
- **Add your Assure Lock SL to your smart home system or August App***

Tools Needed



Standard
Phillips Head
Screwdriver

**Tools necessary only for new doors
or adjusting existing door**



Drill



Pencil



Wood Mortise
Chisel



Tape
Measure



Utility Knife



Level

Before you begin

**DOWNLOAD
THE BILT APP**

for step-by-step installation
instructions & to register
your product

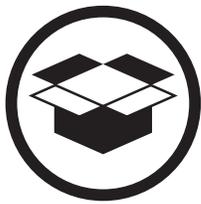


BILT.



*If purchased with Yale Smart Module or Connected by August Kit

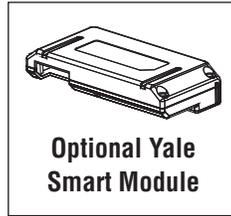
FAILURE TO FOLLOW THESE INSTRUCTIONS COULD RESULT IN DAMAGE TO THE PRODUCT, VOIDING THE FACTORY WARRANTY AND COULD LEAD TO FAILURE OF THE PRODUCT TO PROVIDE ACCESS.



What's In The Box



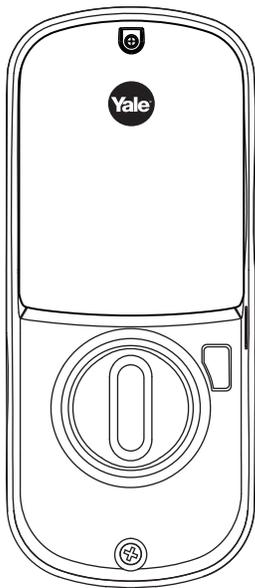
Key Free Touchscreen Keypad



Optional Yale Smart Module



Installation Guide Envelope
(Includes this manual and door checker with template)

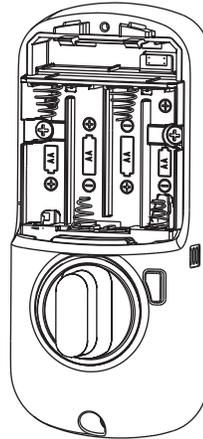


Inside Lock Assembly
(Separates into 3 components)

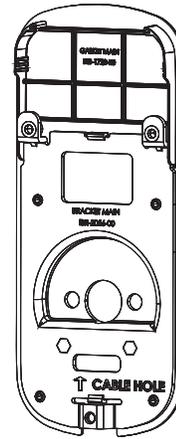
Loosen screw to remove cover



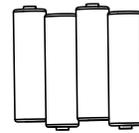
Battery Cover



Inside Lock



Mounting Plate



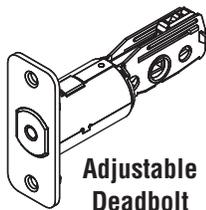
4 AA Batteries

Mounting Hardware

The mounting hardware box includes 16 components



Strike Plate



Adjustable Deadbolt



x2

Inside Lock Screws



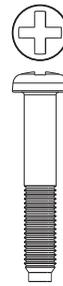
x4

Strike Plate and Deadbolt Screws



x2

Optional Security Strike Plate Screws



x2

Screw Set B Green for 1-3/8" Door Thickness

OR



x2

Screw Set C Black Standard for 1-3/4" Door Thickness

OR



x2

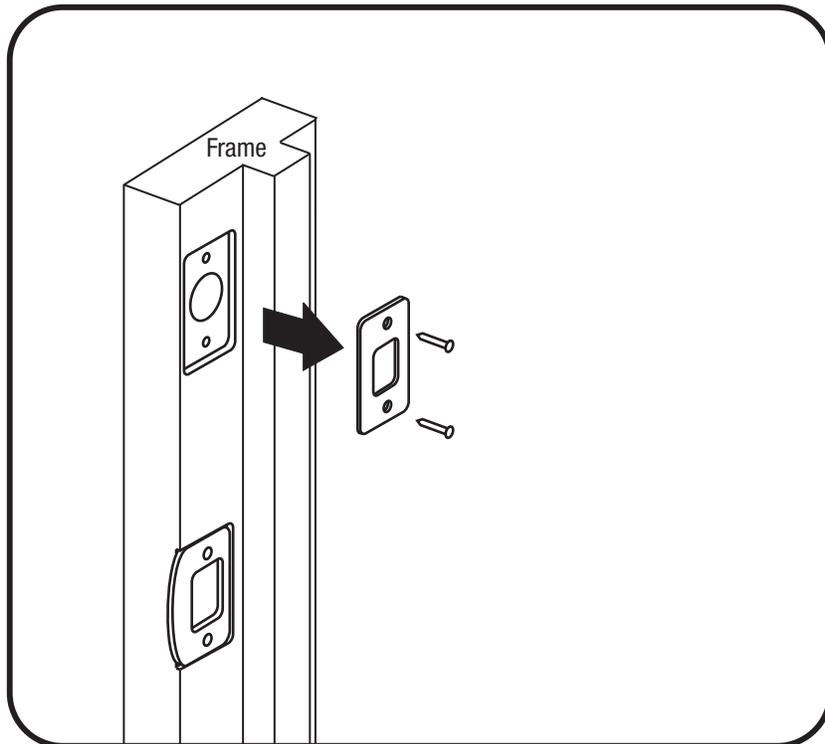
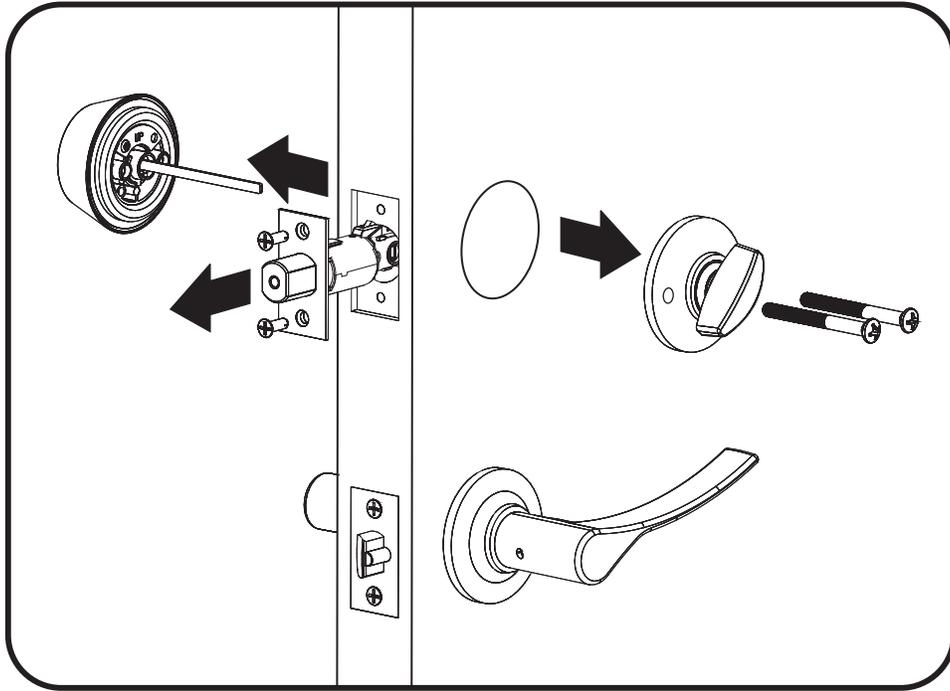
Screw Set D Silver for 2 to 2-1/4" Door Thickness

1

Removing Existing Door Hardware



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

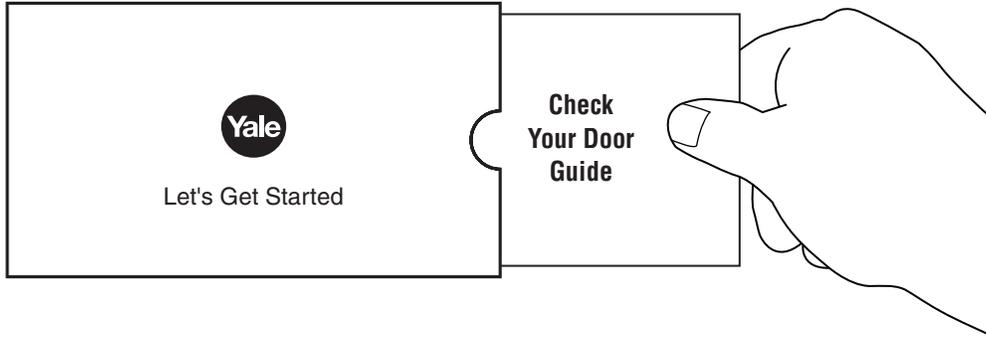


2

Check Door Measurements and Make Adjustments If Needed

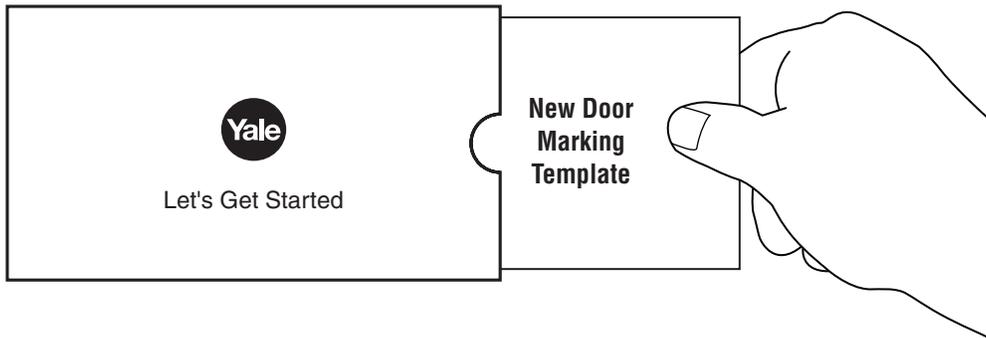
Door Checker

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



New Door Marking Template

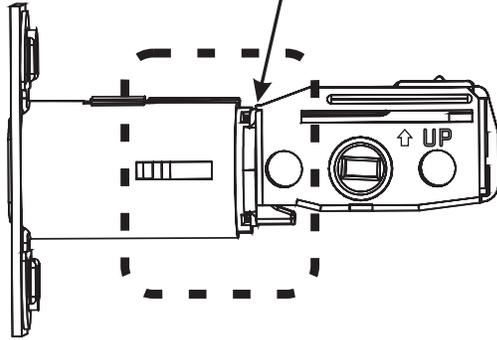
With door checker, use template from installation guide envelope to prep a new door that has not been predrilled for hardware.



3

Installing Latch & Strike Plate

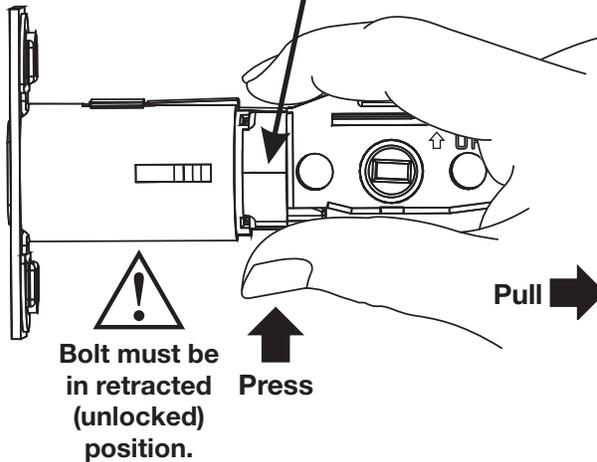
*2-3/8" Backset



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



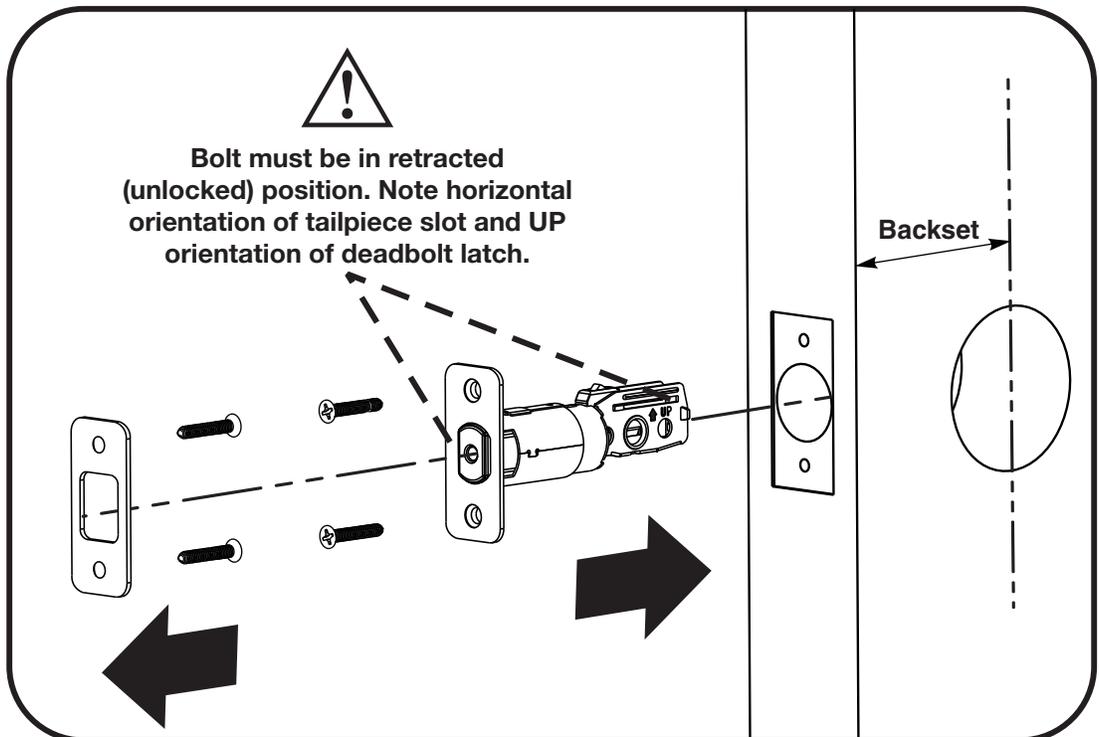
*2-3/4" Backset



x2
Actual Size

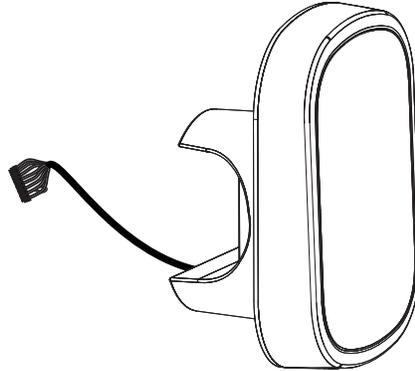


Choose standard strike plate screws or security screws.

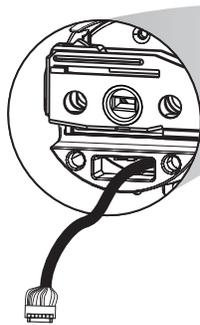


4

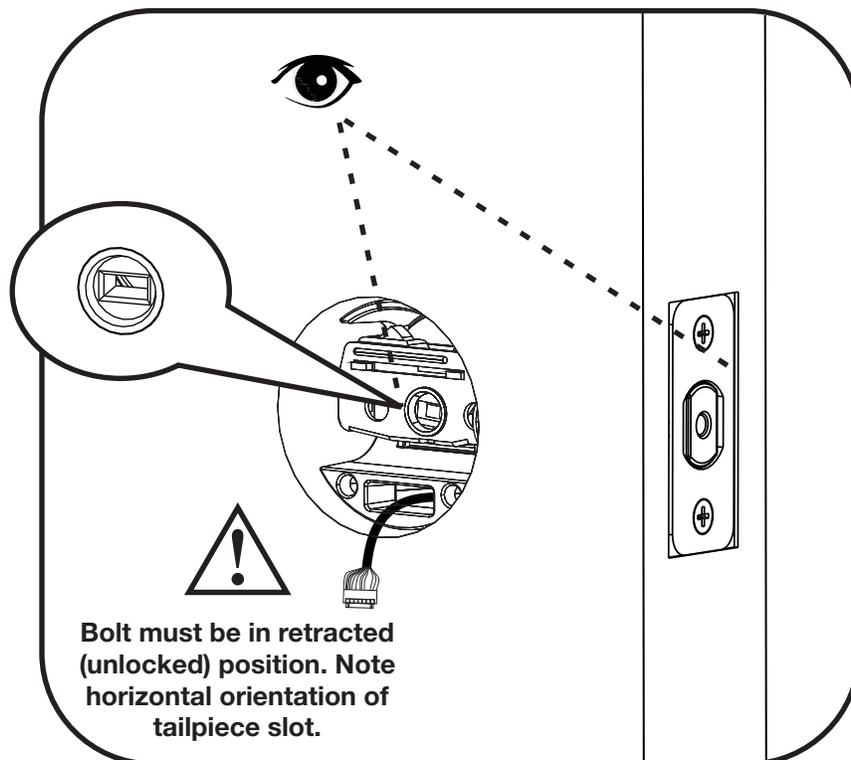
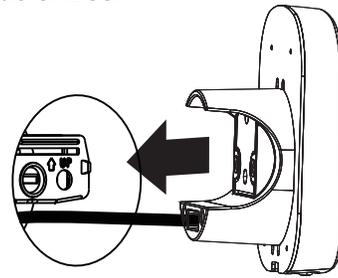
Installing Touchscreen Keypad



Inside of Door

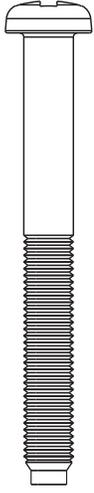


Outside of Door



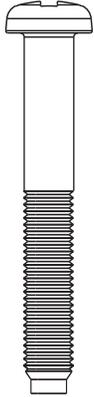
5

Installing Inside Mounting Plate



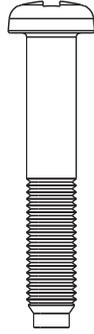
x2

Actual Size
Screw Set D
Silver
for
2 to 2-1/4"
Door Thickness



x2

Actual Size
Screw Set C
Black
Standard for
1-3/4"
Door Thickness

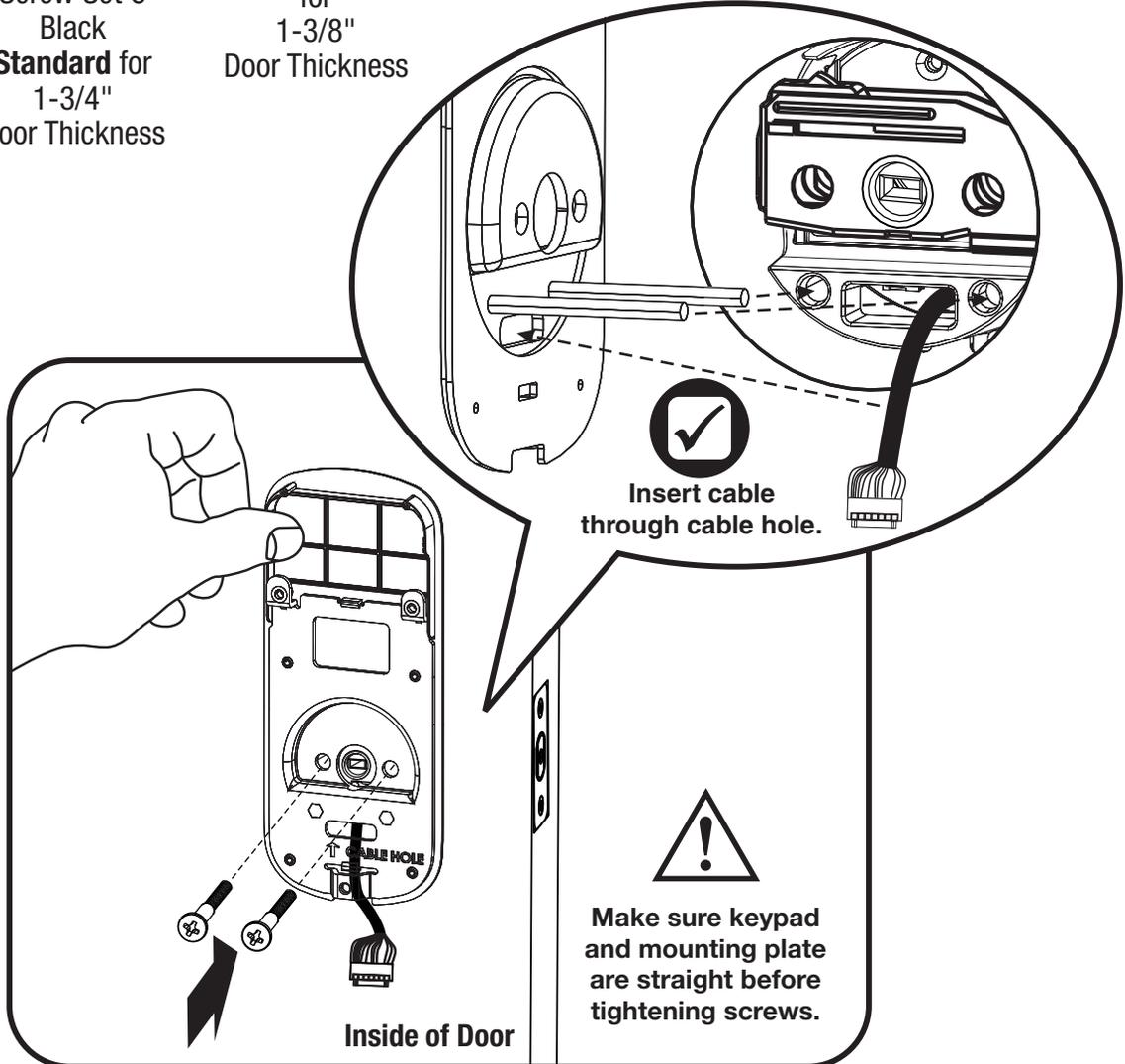


x2

Actual Size
Screw Set B
Green
for
1-3/8"
Door Thickness



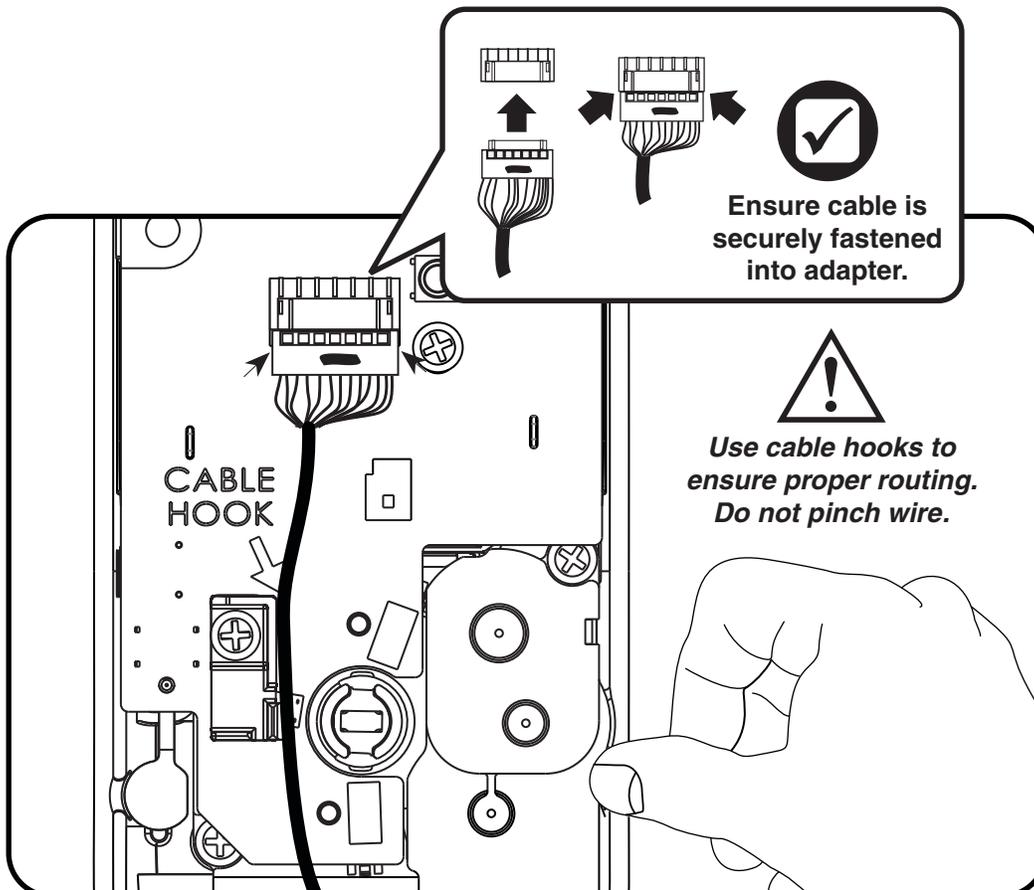
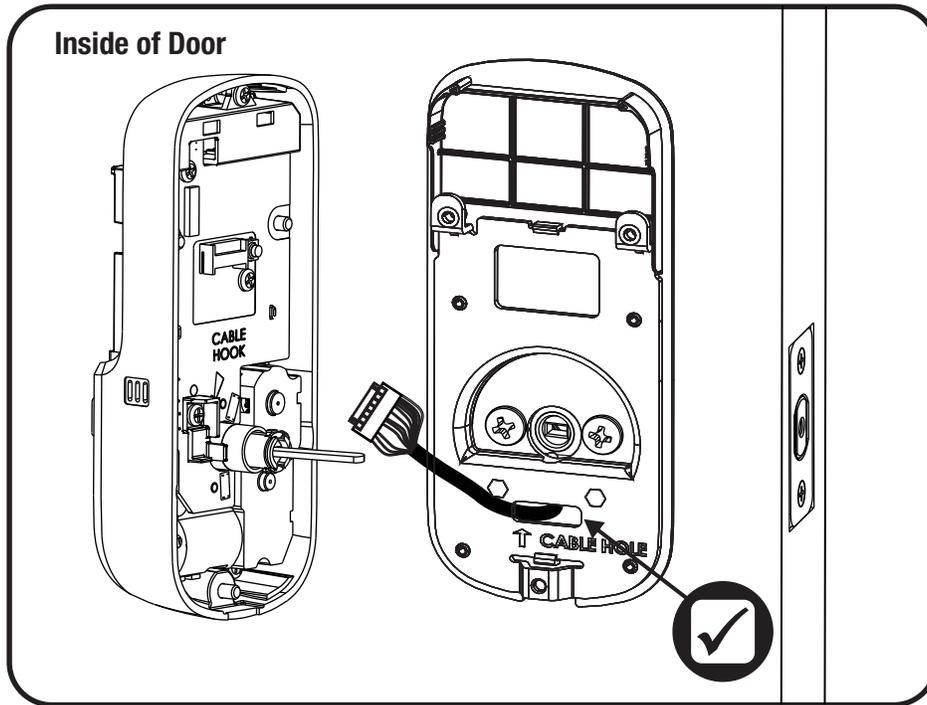
Choose through bolt appropriate for your door thickness. Verify appropriate through bolt with the door checker.



Make sure keypad and mounting plate are straight before tightening screws.

6

Attaching the Cable Assembly



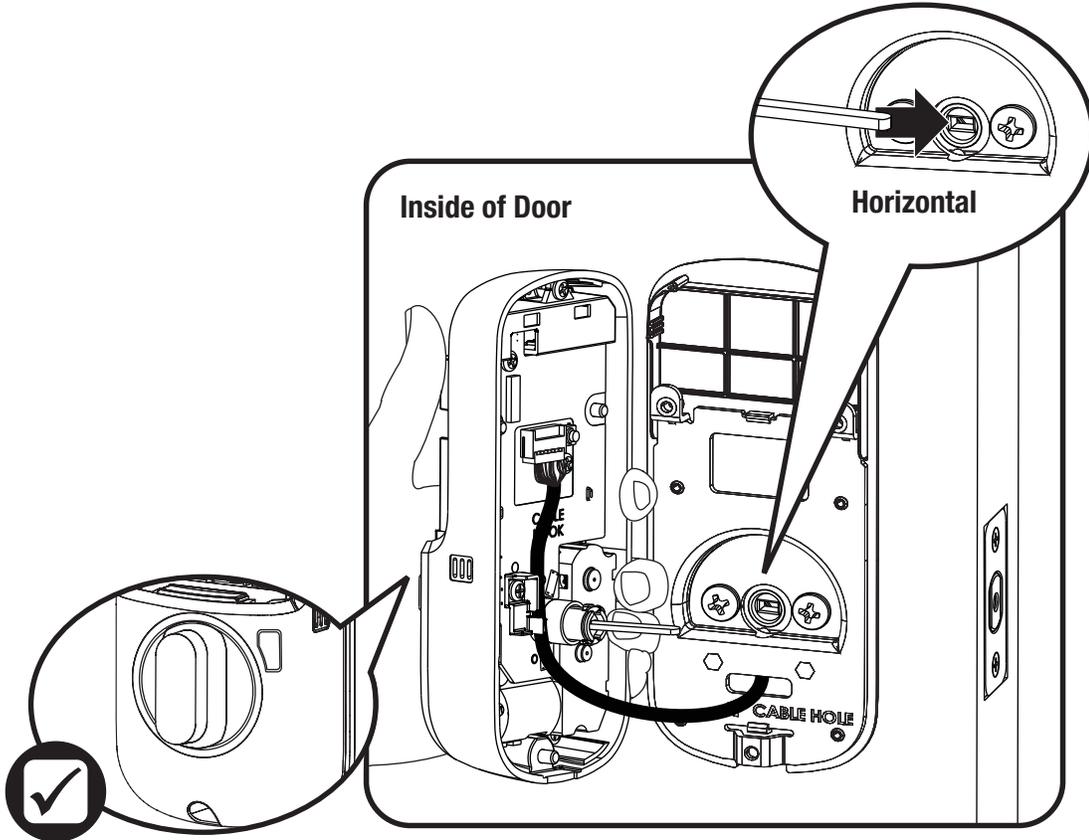
7

Installing Inside Lock

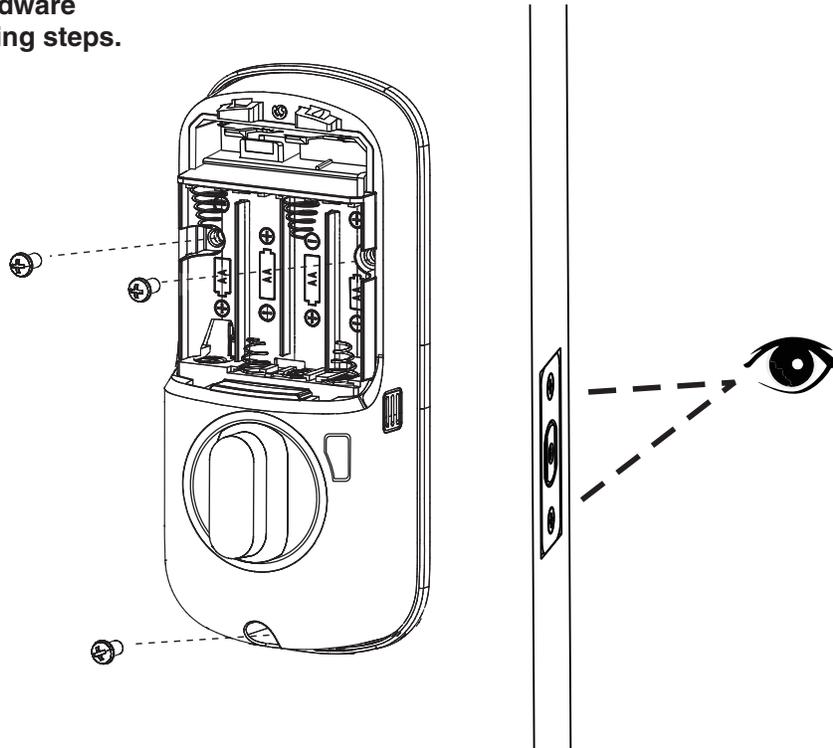


x3

Actual Size

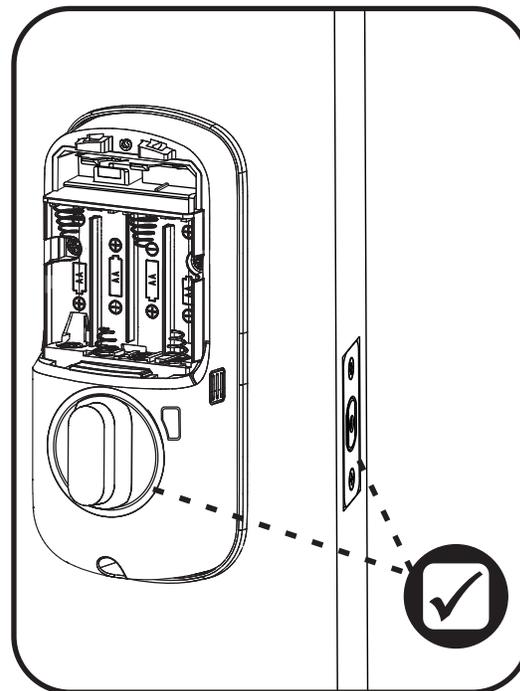
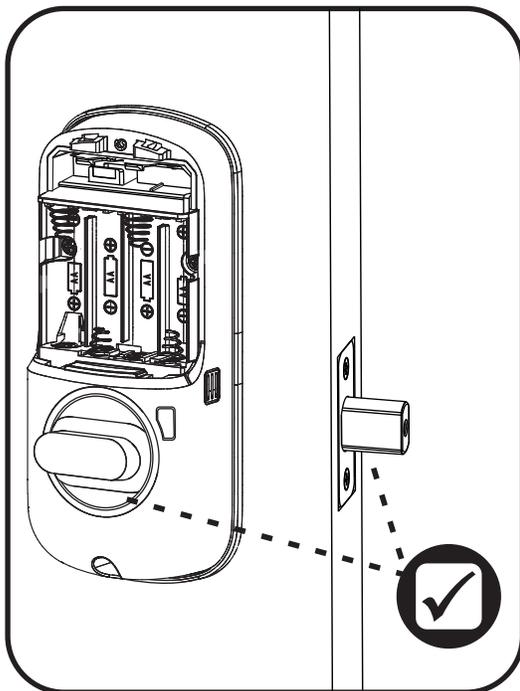
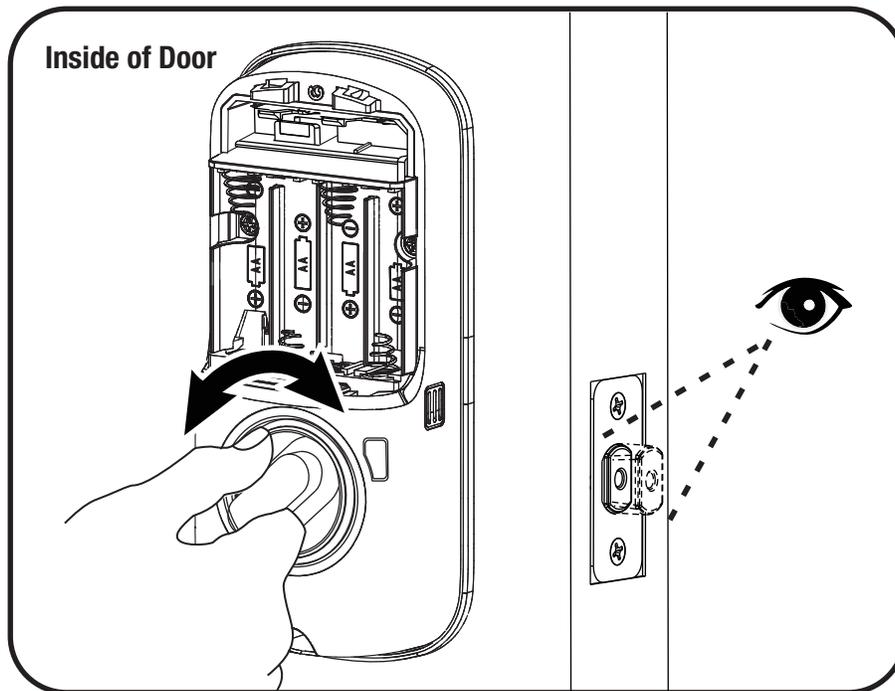


Ensure thumbturn is vertical. If the thumbturn does not move freely, refer to the hardware troubleshooting steps.





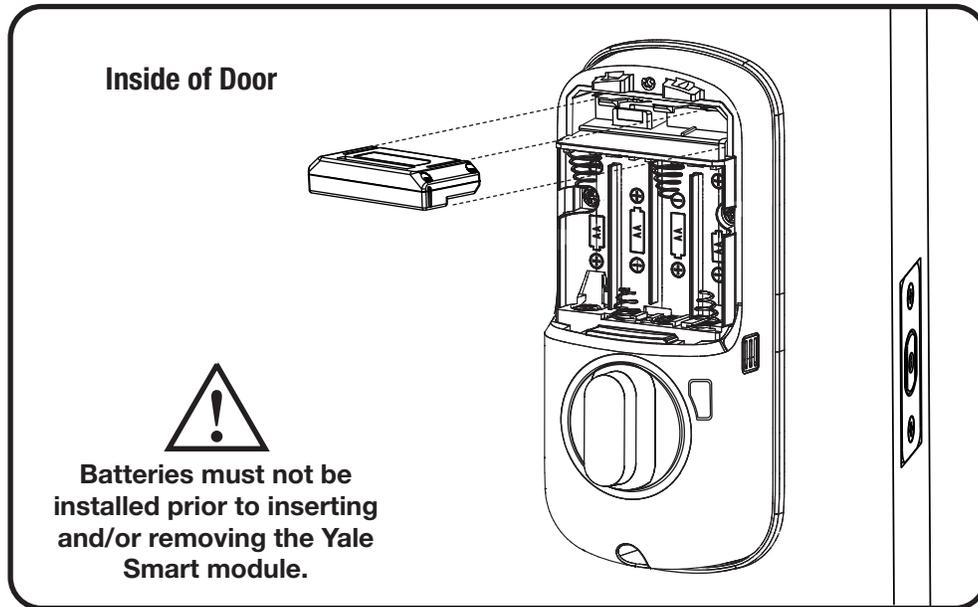
Testing Mechanical Operation



If thumbturn operation fails, check the installation beginning with Step 3.

8

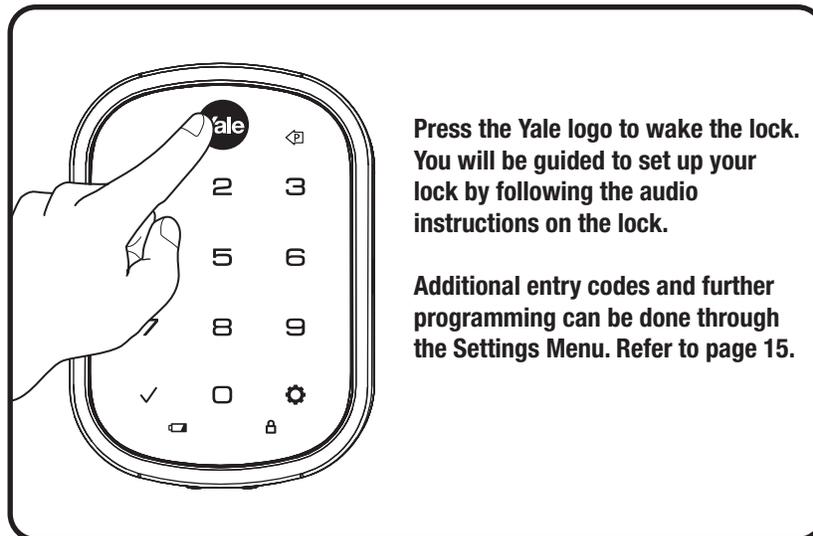
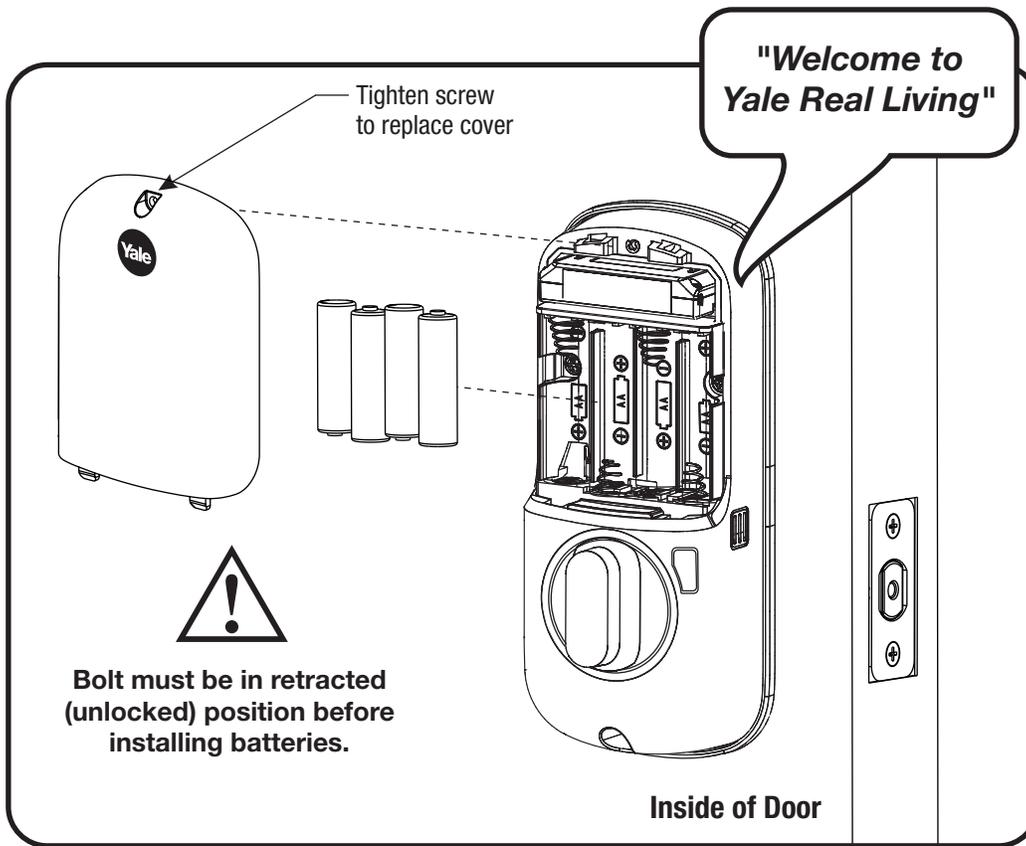
Installing Optional Yale Smart Module



For more information about Yale Smart modules and smart home features visit:
<https://www.yalehome.com/en/yale/yalehome/residential/yale-smart-home-guide/>

9

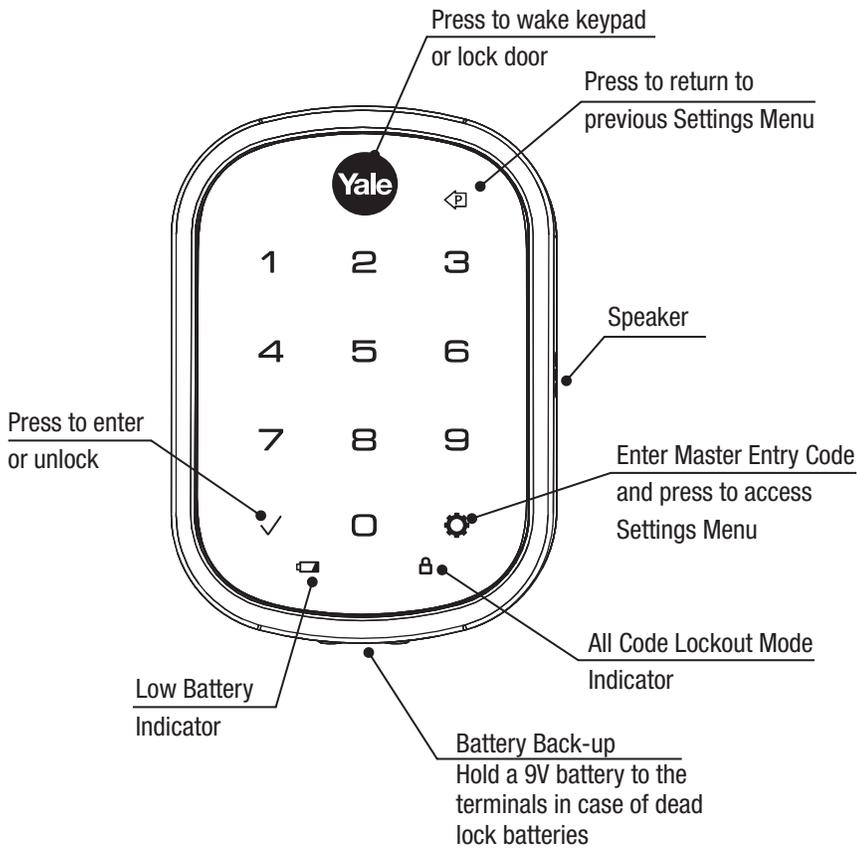
Installing Batteries and Cover



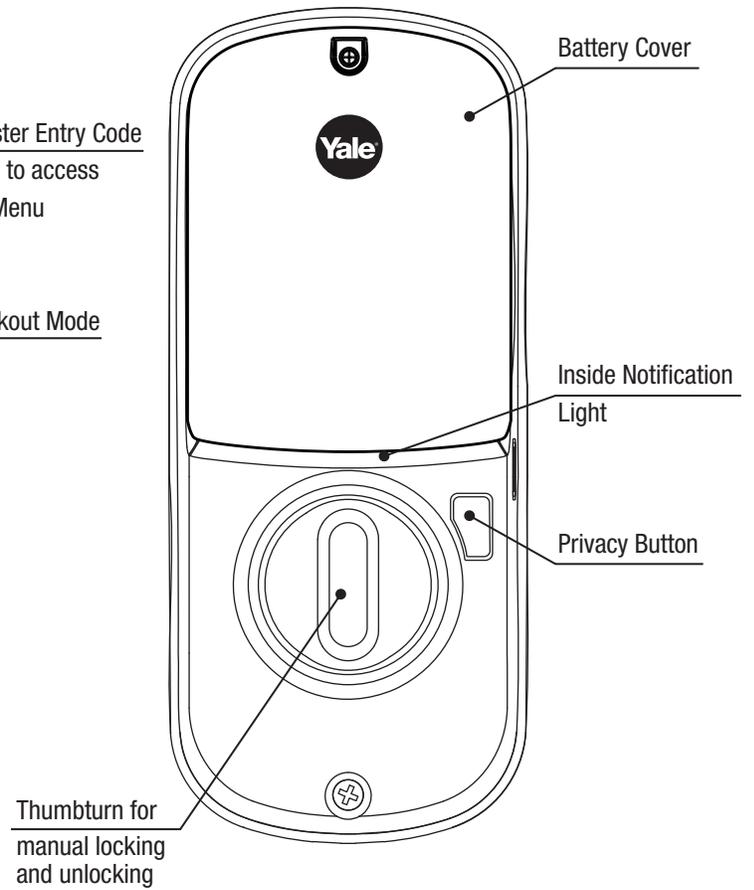
Congratulations, you've installed the Yale® Assure Lock® SL Key Free Touchscreen Deadbolt (YRD256)!

Using Your Lock

Touchscreen Keypad



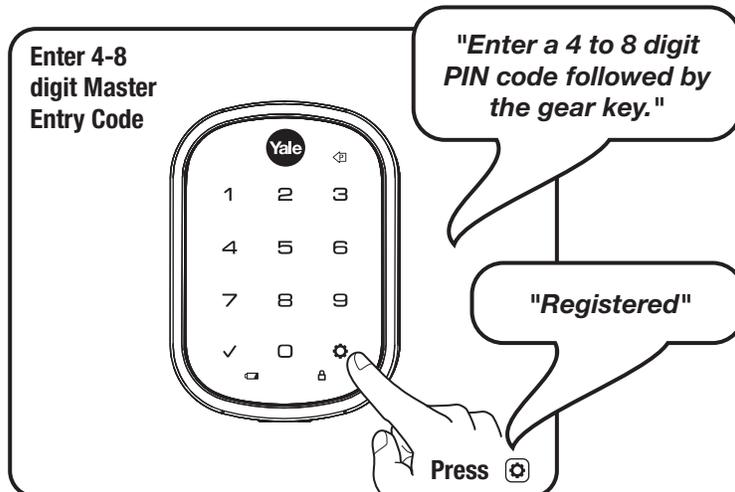
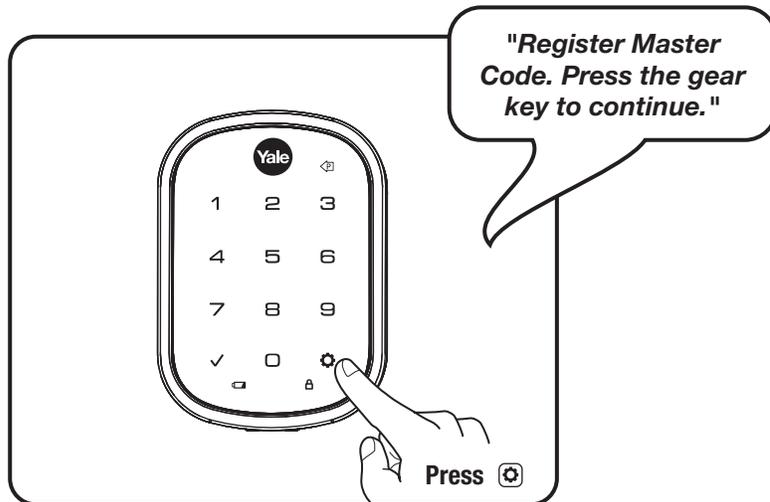
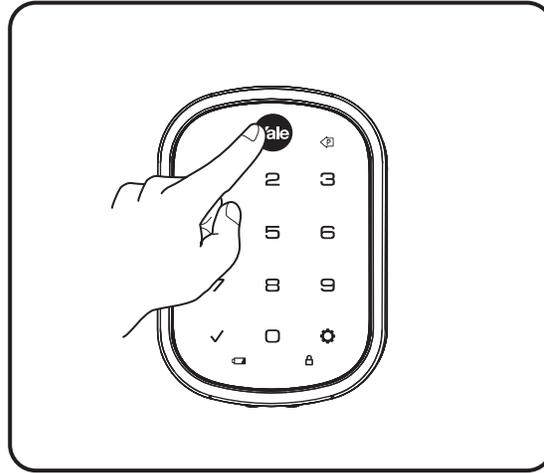
Inside Lock



1

Creating Master Entry Code

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

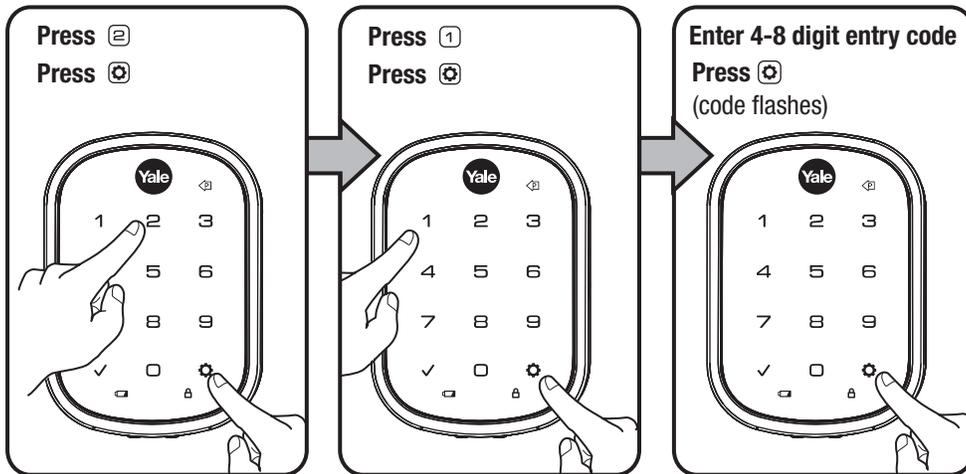
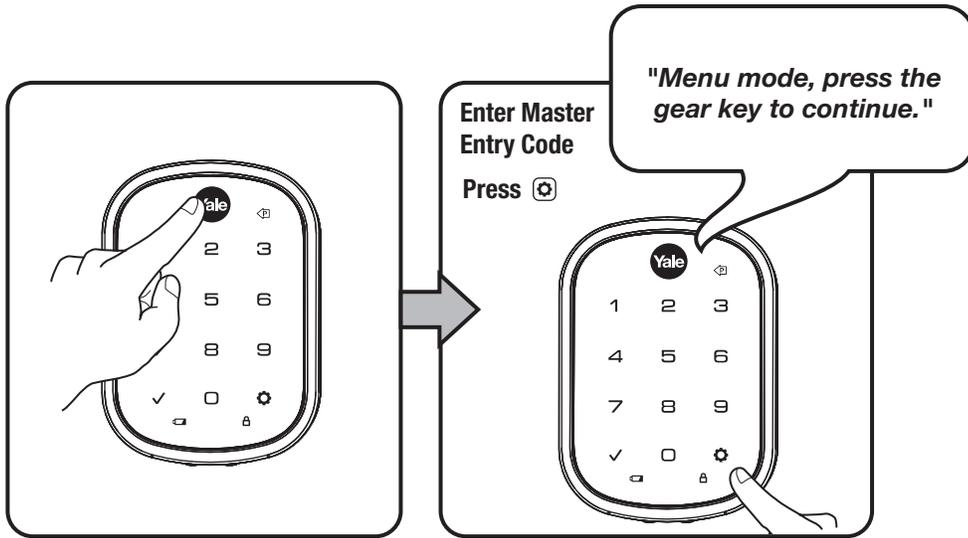


2

Creating Entry Codes

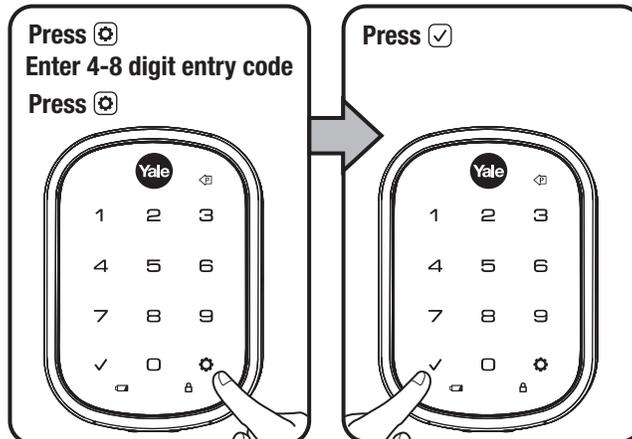
Master Entry Code must be created first.

*Max user codes = 250 with Smart Module; 25 without.



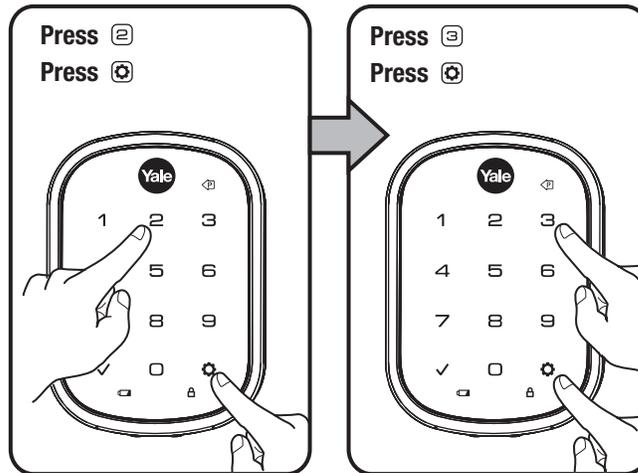
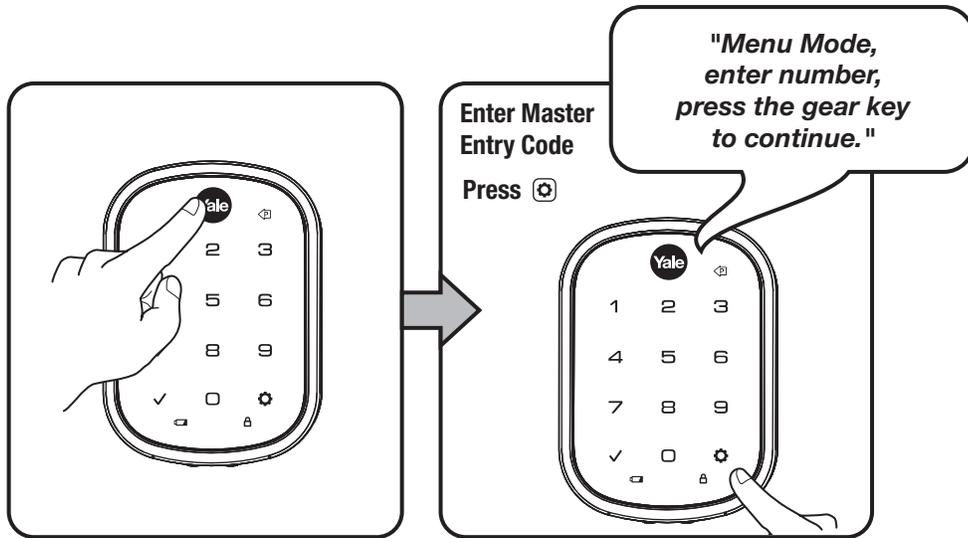
Adding more *User Codes:

To end programming:



3

Deleting Entry Codes

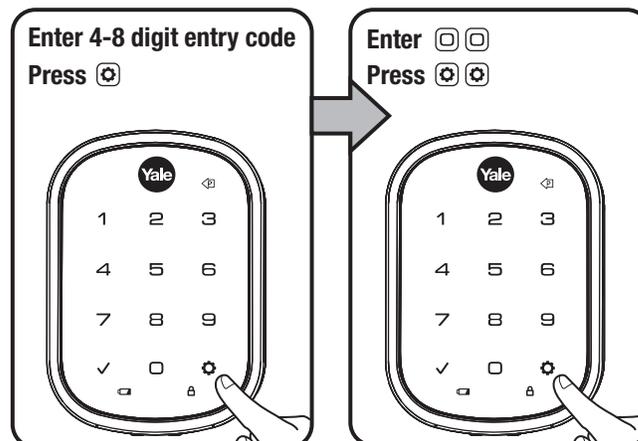


Deleting one entry code:

To delete one entry code, you must enter the entry code you wish to delete.

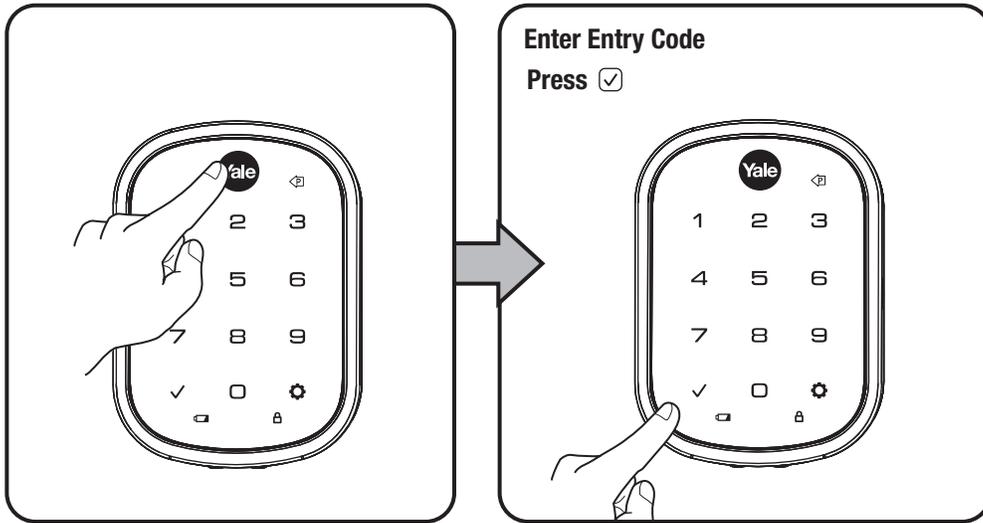
To delete all entry codes

(Does not delete Master Entry Code):



4

Unlocking Door with Entry Codes



Setting Definitions

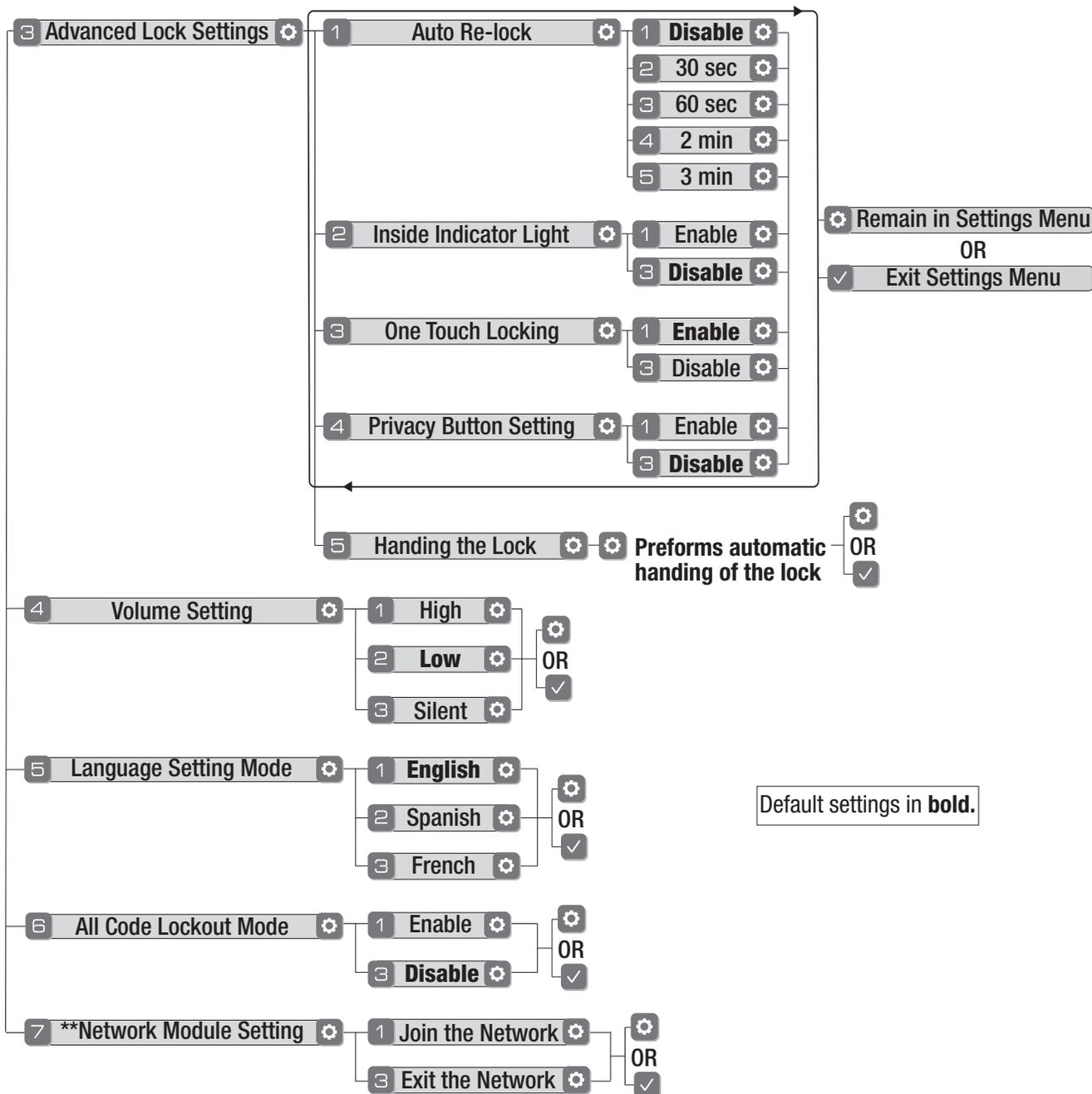
Settings	Default Setting	Definition
Master Entry Code	Creation required*	The Master Entry Code is used for programming and for feature settings. It must be created prior to programming the lock. The Master code will also operate (unlock/lock) the lock.
Auto Re-lock	Disabled	After a successful code entry 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. In the ON mode, the lock will automatically re-lock after thirty (30) seconds.
Inside Indicator Light	Disabled (Off)	Located on the inside lock. Shows active status (Locked) of lock and can be enabled or disabled in the Advanced Lock Settings (Main Menu selection #3).
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 PIN code will re-lock the lock.
Privacy Button	Disabled	Privacy mode is disabled by default. Enable Privacy mode by pressing the privacy button for 4 seconds to put the lock in do-not-disturb mode (all pin codes are disabled).
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.
Language	English	Choosing English (1), Spanish (2) or French (3) becomes the (default) setting for the lock's voice prompts.
All Code Lockout Mode	Disabled	This feature is enabled by the Master Entry Code. When enabled, it restricts all user (except Master) Entry Code access. When attempting to enter a code while the lock is in All Code Lockout mode, the RED locked padlock will appear on the screen.
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.
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.

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

Customizing Lock Through 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 , 

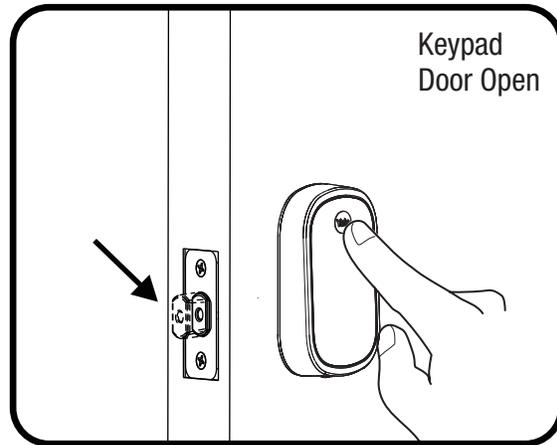
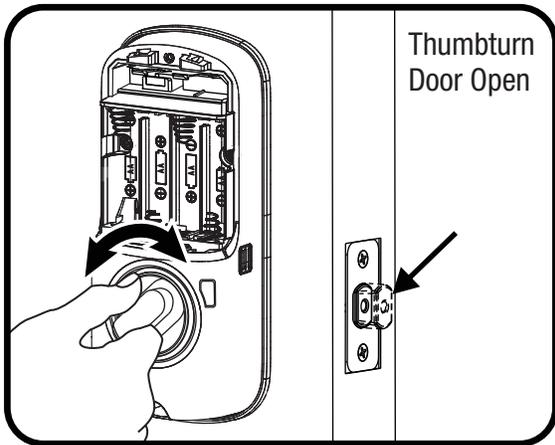
*The Master Entry Code must be created prior to any other programming of the lock.
 **Network Module Setting function appears only with Yale Smart module installed.

Troubleshooting

Symptom	Suggested Action
Lock does not respond – door is open and accessible.	<ul style="list-style-type: none"> Yale keypad becomes active when the Yale logo is pressed. Verify contact with the logo. If keypad numbers are visible, check to see if they respond when pressed. Check batteries are installed and oriented correctly (polarity) in battery case. Check batteries are in good condition; replace batteries* if batteries are dead. Check to see if keypad cable is fully connected and is not pinched.
Lock does not respond – door is locked and inaccessible.	<ul style="list-style-type: none"> 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.	<ul style="list-style-type: none"> Batteries do not have enough power. Replace batteries*.
Lock chimes to indicate code acceptance, but door will not open.	<ul style="list-style-type: none"> Check the door gaps for any foreign objects between door and frame. Check that the cable is firmly connected to the inside lock.
Lock operates to allow access, but will not automatically re-lock.	<ul style="list-style-type: none"> Check to see if Auto Re-lock is enabled. Disable Auto Re-lock to lock the door (manually). If low battery indicator is lit, change batteries*.
Entry codes will not register.	<ul style="list-style-type: none"> Entry codes must consist of 4 to 8 digits. The same entry code cannot be used for multiple users. Management of entry codes is set by the authority of the Master 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 used as 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.	<ul style="list-style-type: none"> Verify entered code is a valid, previously programmed, 4 to 8 digit code. All Code Lockout Mode is enabled. Only the Master Entry Code can enable/disable All Code Lockout Mode. Contact the Master user.
Upon entering an entry code and pressing the  key, red padlock icon appears and there are different tones.	<ul style="list-style-type: none"> Check to see if the lock is set to All Code Lockout Mode. Setting/managing All Code Lockout Mode is done through Master Entry Code only. Contact Master user.
Lock operates, but makes no sound.	<ul style="list-style-type: none"> Check to see if Volume is set to Silent (see Feature #4).
Lock responds "Low Battery"	<ul style="list-style-type: none"> 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".	<ul style="list-style-type: none"> The digits entered were incorrect or incomplete. Re-enter the correct code followed by the check  key.
Lock shows an X on keypad after entering a code.	<ul style="list-style-type: none"> Bolt failed to fully retract. Refer to the "Hardware Troubleshooting" steps on page 21. Entry code has not been scheduled for use at time of day it is tried. Try entry code again during its scheduled time.
Deadbolt does not extend when locking the door with keypad.	<ul style="list-style-type: none"> 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 (UI); it is recommended to verify correct date and time particularly those locks operating under Daylight Saving Time (DST).

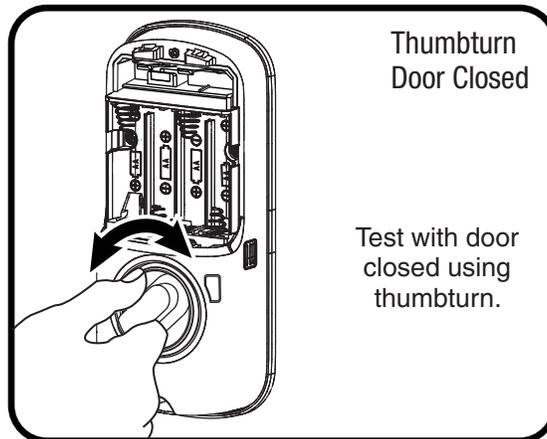
Hardware Troubleshooting



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

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/handle set strike using steps below. The knob/lever/handle set latch engagement into the strike is the main component used for door alignment.

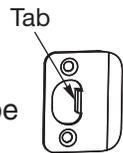
If deadbolt does not fully extend, consider increasing depth of deadbolt strike pocket in frame.

To adjust Knob/Lever/Handle set 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/handle set 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:

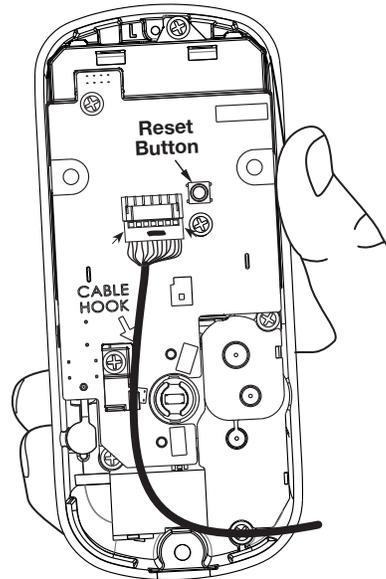
<https://www.yalehome.com/en/yale/yalehome/support/yrl-electronic-lock-faqs/electronic-lock-installation/>

Resetting Lock to Factory Default

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

1. Remove the battery cover and batteries.
2. Remove the interior side of the lock to access the reset button.
3. The reset button (see image at right) is located beside the cable adapter.
4. While pressing the reset button (minimum of 3 seconds) reinstall batteries. Release reset button.
5. 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.



Interior Lock

NOTE TO INSTALLER AND CONSUMER
While Yale® has included several features to prevent lockout (9-Volt battery jumper, low battery warnings), it is still possible for a lockout situation to occur. Because this product does not have a mechanical override (a key), Yale® recommends to use this product in an environment where there are additional entry points into the dwelling.

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 Residential Group** could void the user's authority to operate the equipment.

Industry Canada:

This Class A 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.

Yale Locks & Hardware

Product Support Tel 1-855-213-5841 • www.yalehome.com

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