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

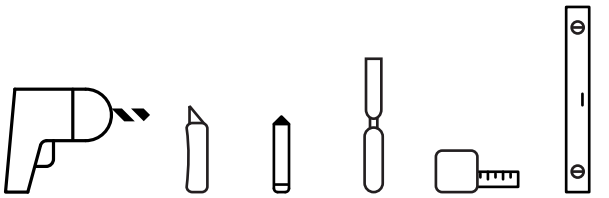
This manual will walk you through all the required steps to add your new Yale Assure Lock SL to your door.

- Remove existing deadbolt
- 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 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.

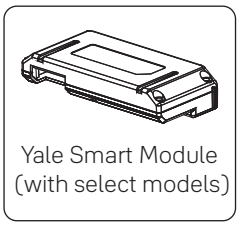
Download on the App Store | GET IT ON Google Play

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.

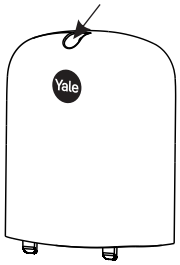
What's In The Box

Key Free Touchscreen Keypad



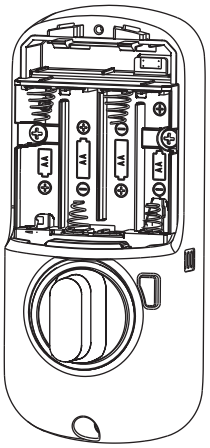
Yale Smart Module (with select models)

Installation Guide and Door Template

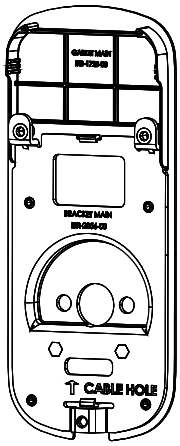


Loosen screw to remove cover

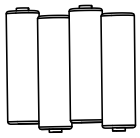
Battery Cover



Inside Lock

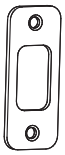


Mounting Plate

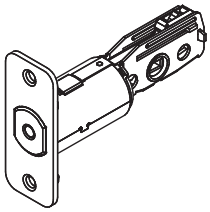


4 AA Batteries

Mounting Hardware



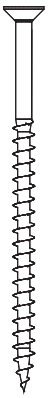
Strike Plate



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

x2 Inside Lock Screws

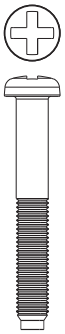
x4 Strike Plate and Deadbolt Screws



x2 Optional Security Strike Plate Screws

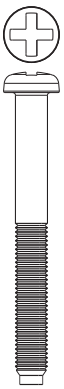
x2 Screw Set B Green for 1-3/8" Door Thickness

OR



x2 Screw Set C Black Standard for 1-3/4" Door Thickness

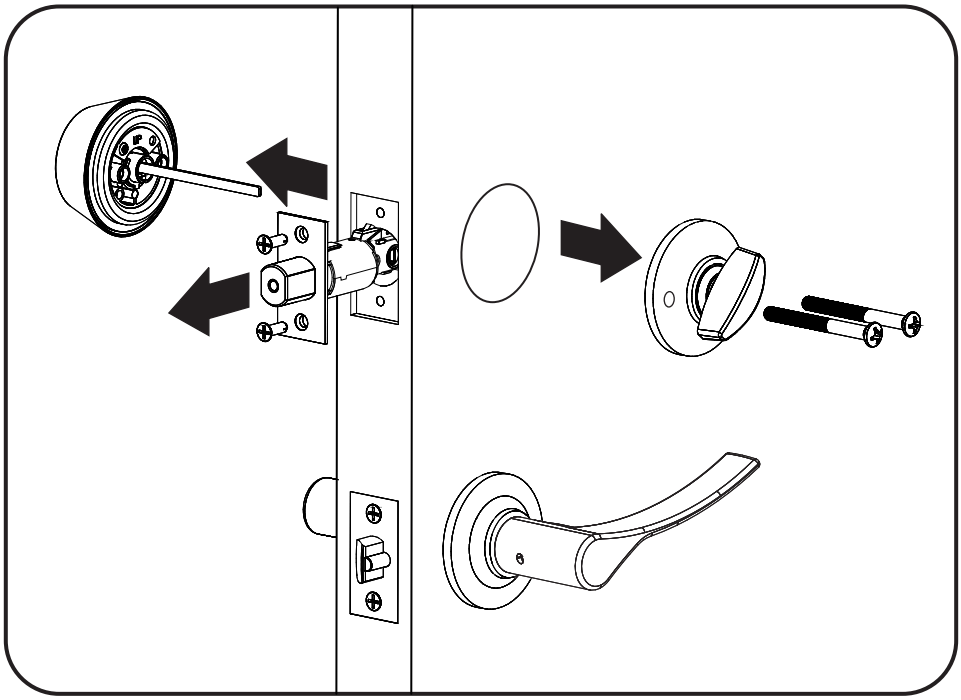
OR

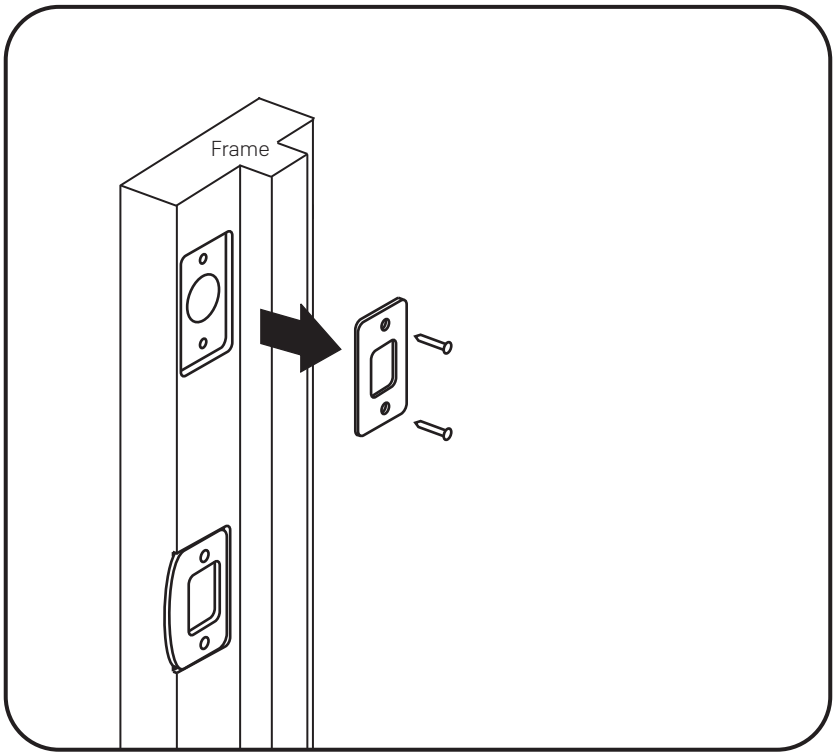


x2 Screw Set D Silver for 2 to 2-1/4" Door Thickness

1 Remove Existing Deadbolt

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

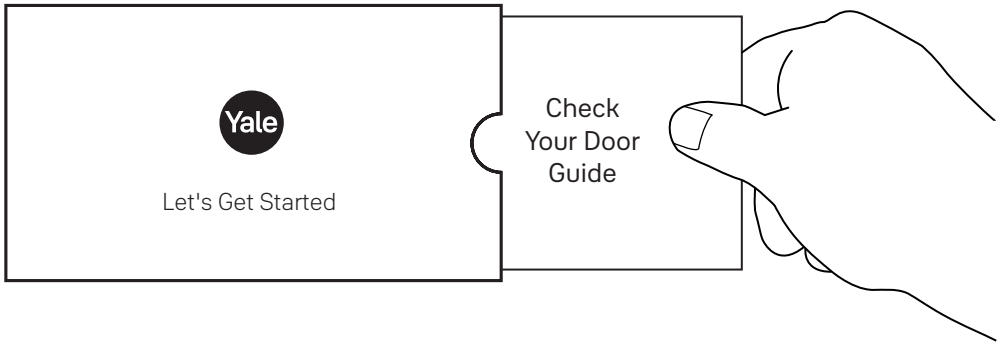




2 Check Door Measurements And Make Adjustments If Needed

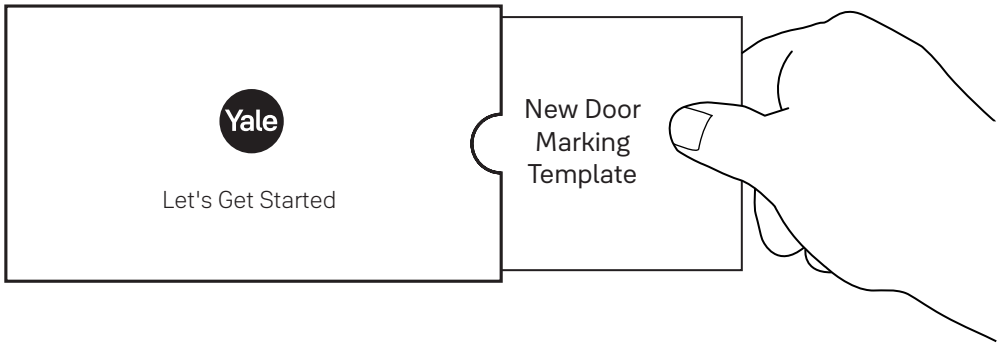
Door Checker

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



New Door Marking Template

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

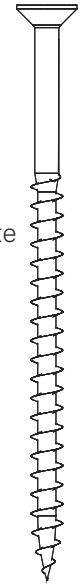


3 Install Deadbolt and Strike Plate

x2
For Deadbolt
Actual Size

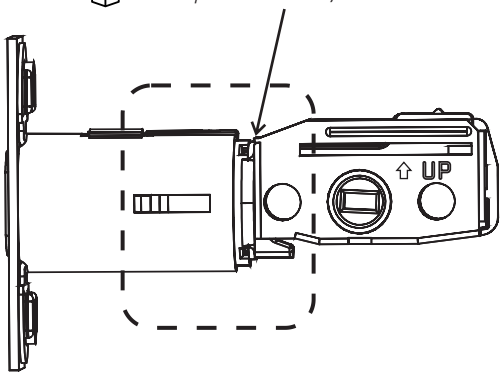
x2
For Strike Plate
Actual Size

Choose standard strike plate screws or security screws.



x2
For Strike Plate, optional
Actual Size

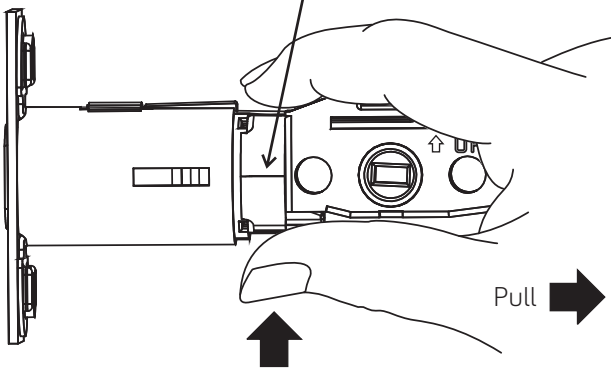
*2-3/8" Backset, default



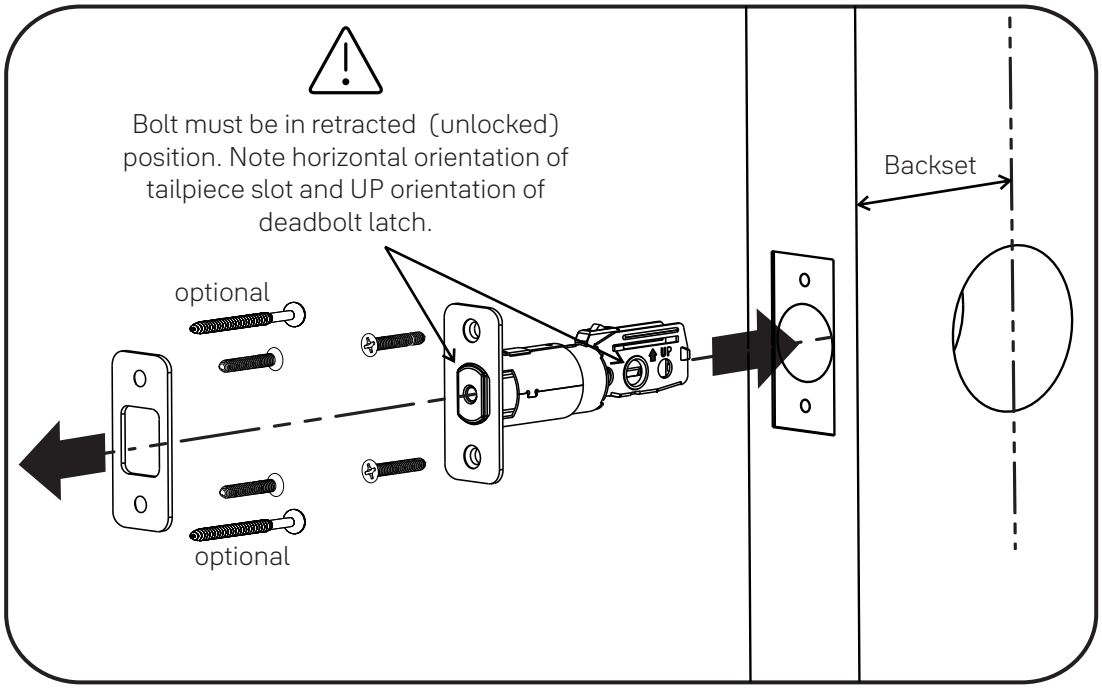
*Deadbolt position is based on backset. Choose position appropriate for your door. Reference Door Checker measurements E and F.

AYRDB-DRIVE
Adjustable Drive-In Deadbolt
available for purchase

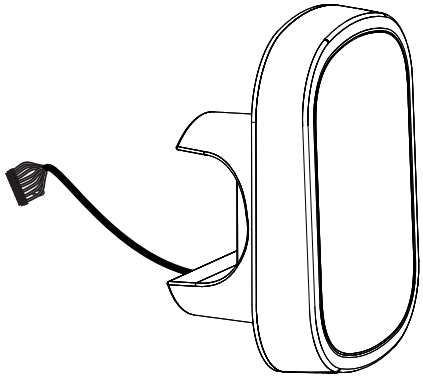
O *2-3/4" Backset, optional



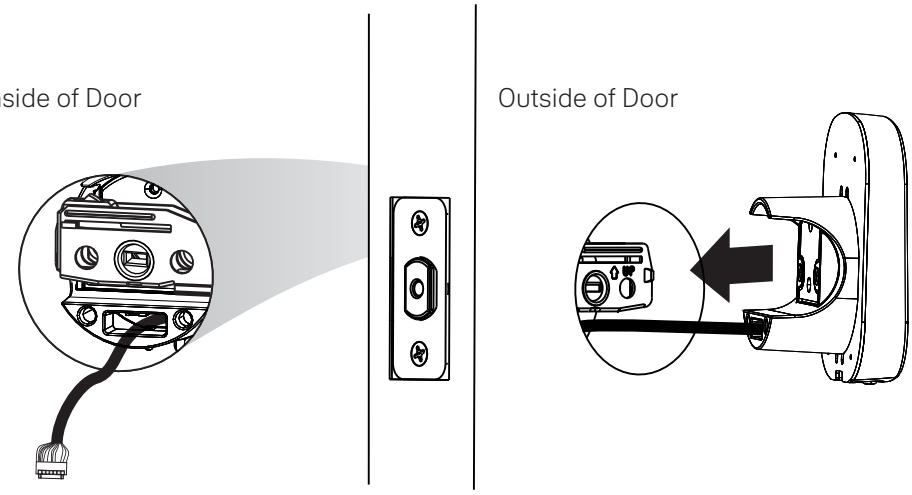
Bolt must be in retracted (unlocked) position.

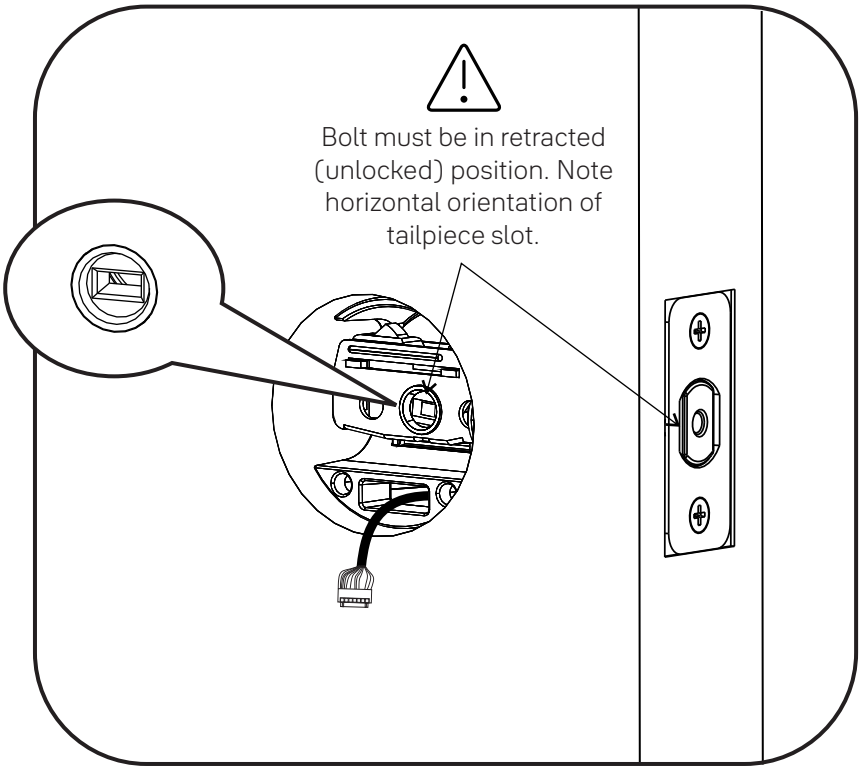


4 Install Touchscreen Keypad

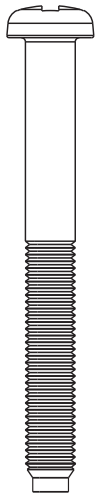


Door face hole must be at least 2-1/8".
If hole is too small, a door lock installation kit or jig should be used to increase hole size.





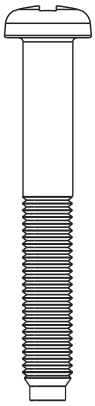
5 Install Inside Mounting Plate



x2

Actual Size

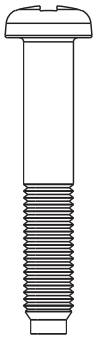
Screw Set D
Silver
for
2 to 2-1/4"
Door Thickness



x2

Actual Size

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

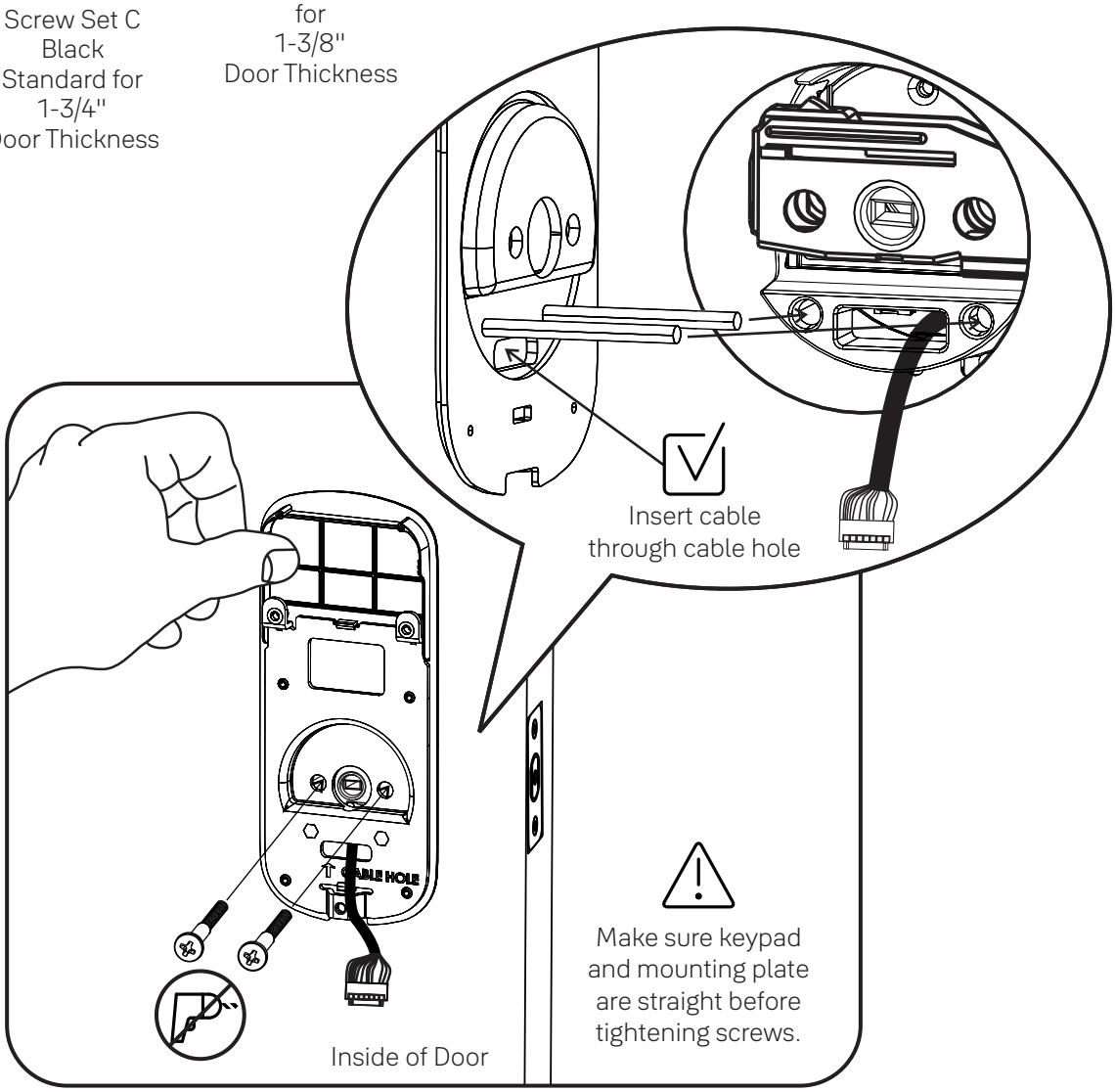


x2

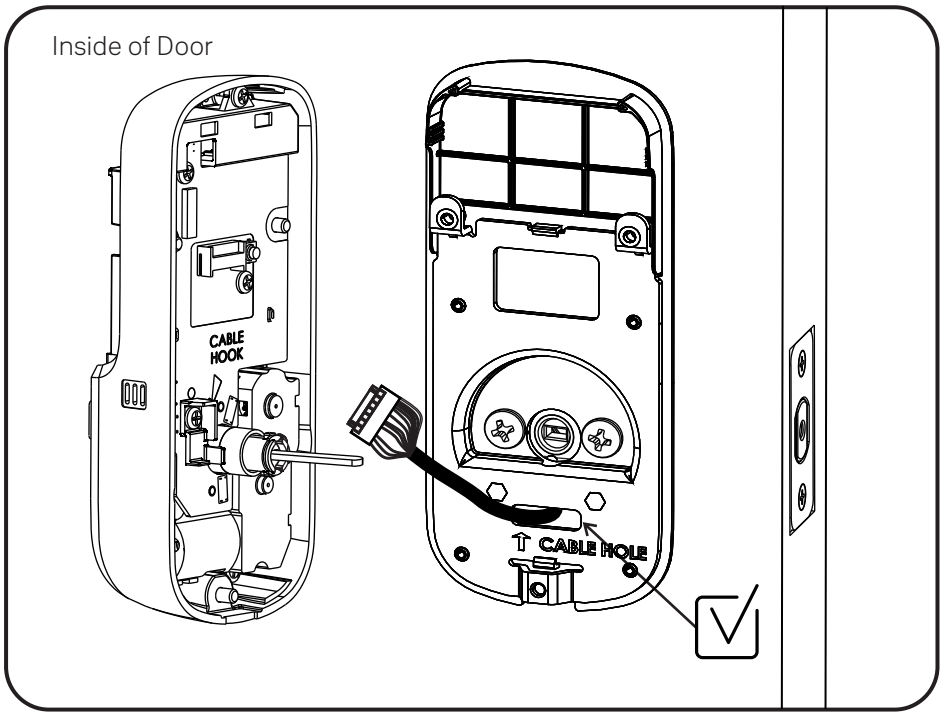
Actual Size

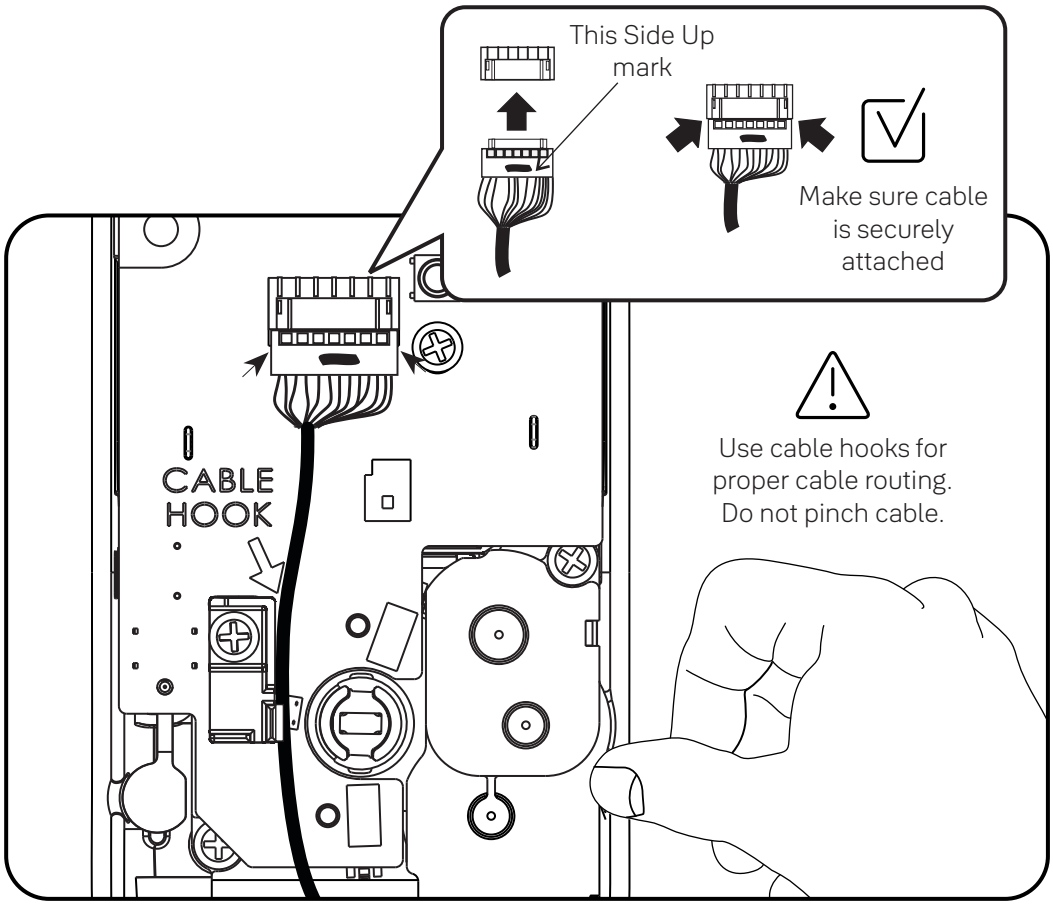
Screw Set B
Green
for
1-3/8"
Door Thickness

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



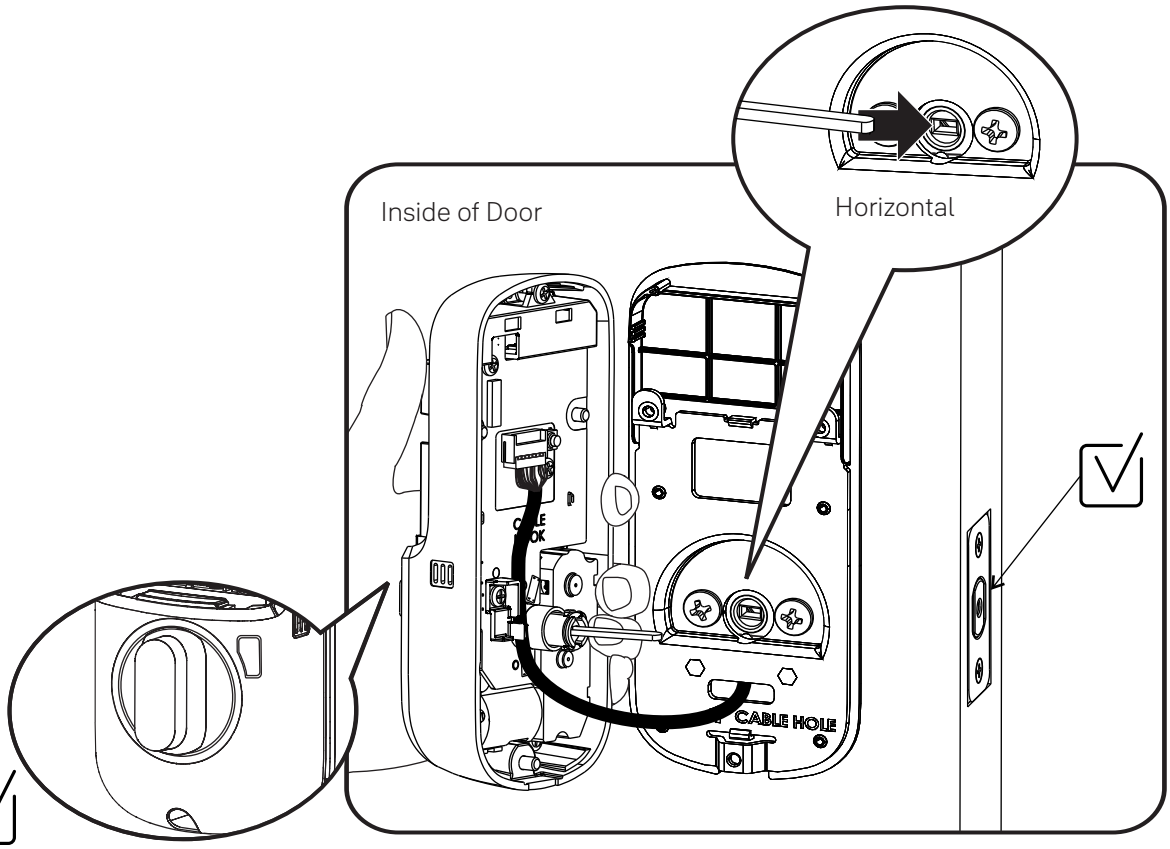
6 Attach Cable



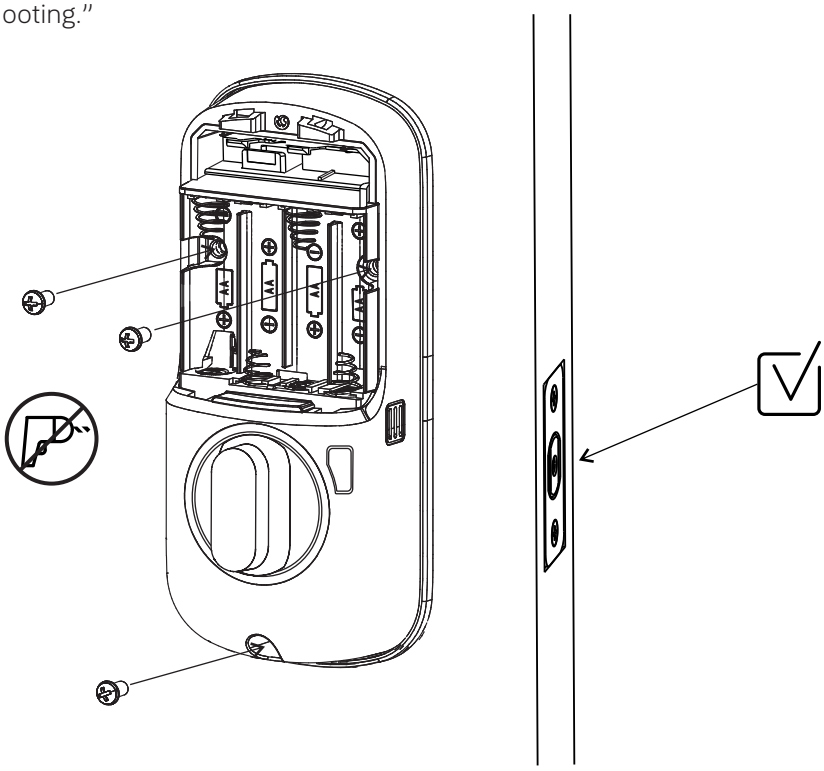


7 Install Inside Lock

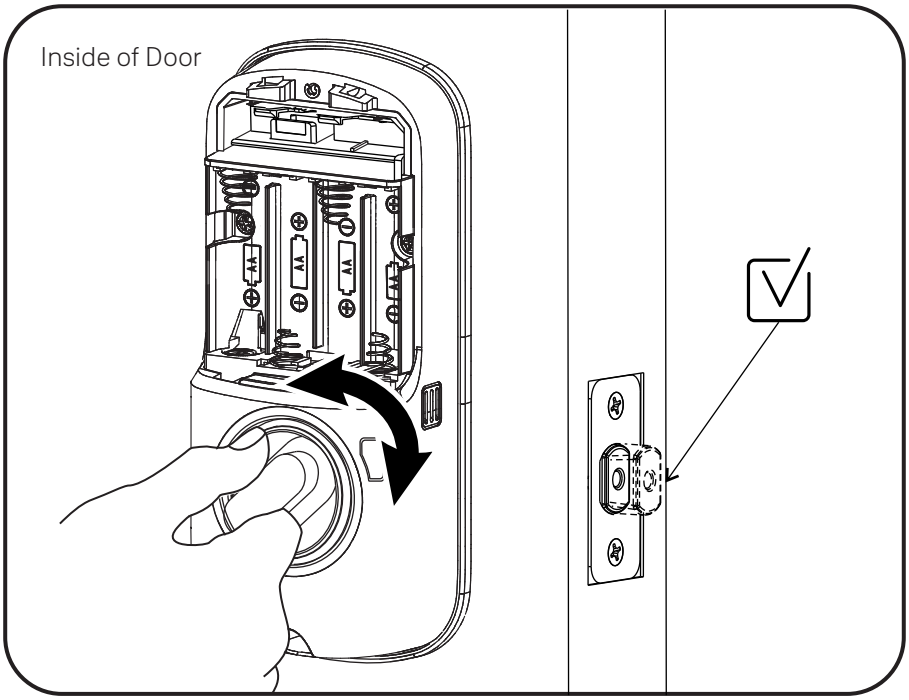
x3
Actual Size

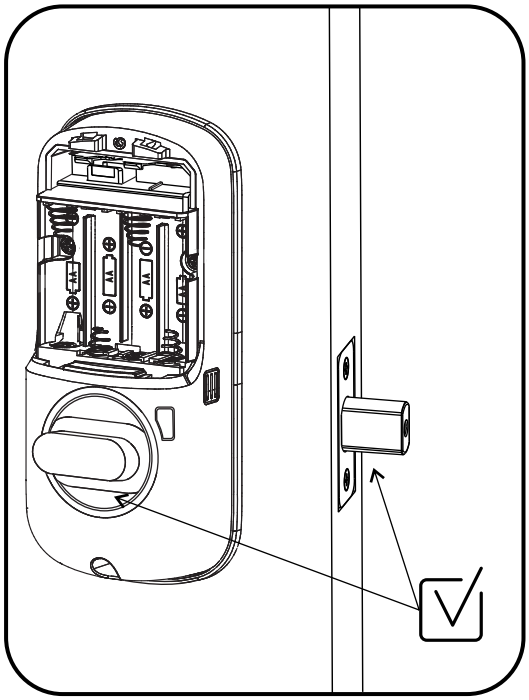


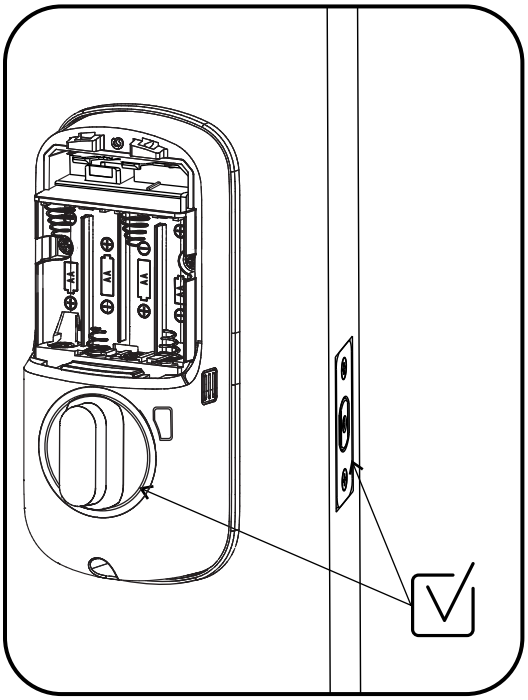
Make sure thumbturn is vertical. If the thumbturn does not move freely, refer to "Hardware Troubleshooting."



Test Mechanical Operation



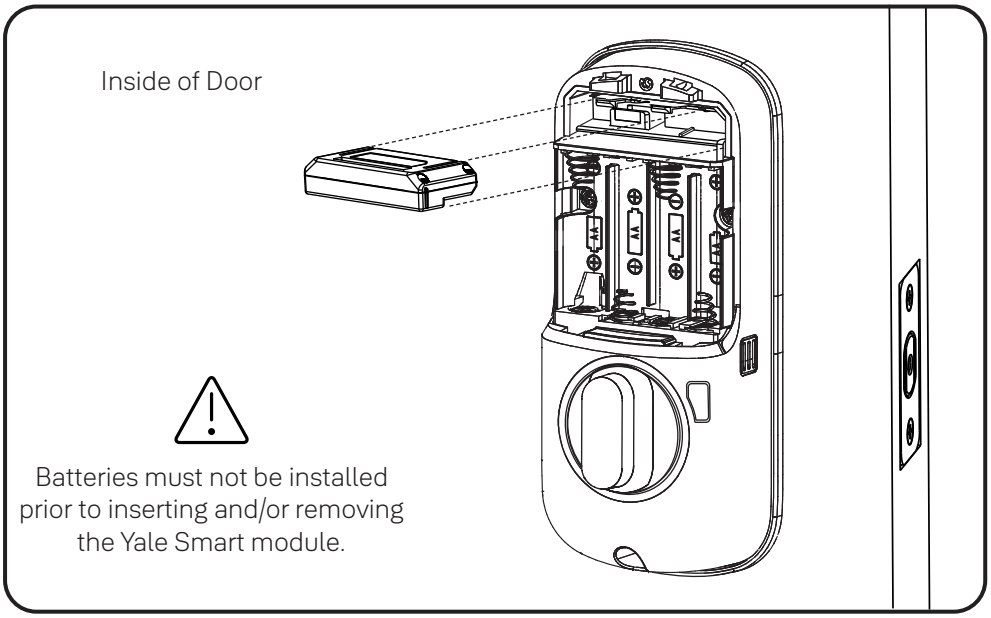




If thumbturn operation fails, check the installation beginning with Step 3.

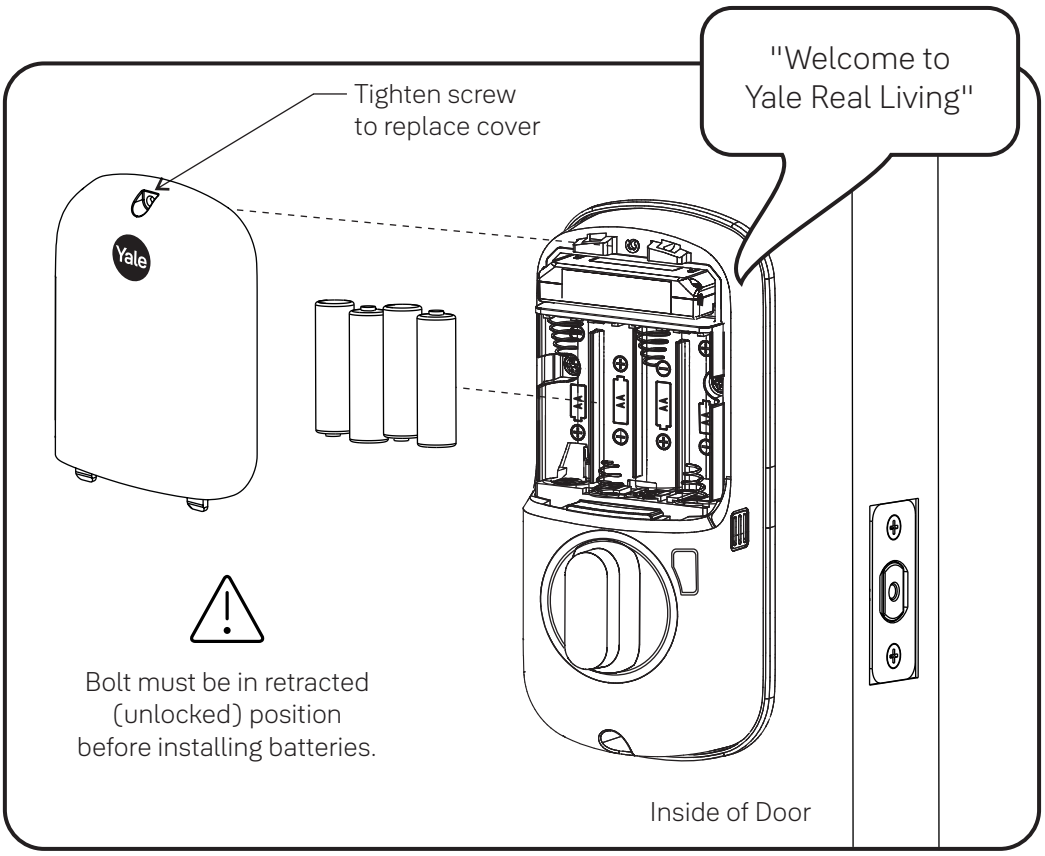
0 optional Install Yale Smart Module

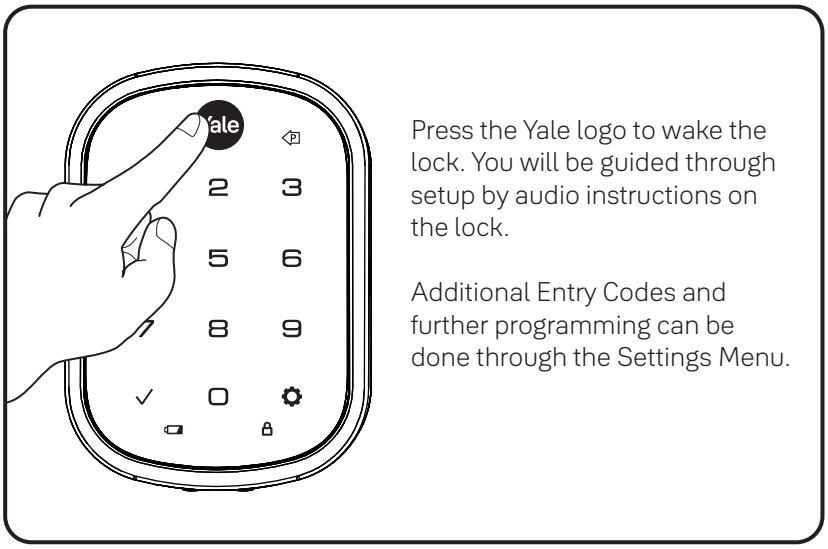
Included with select models



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

8 Install Batteries and Cover





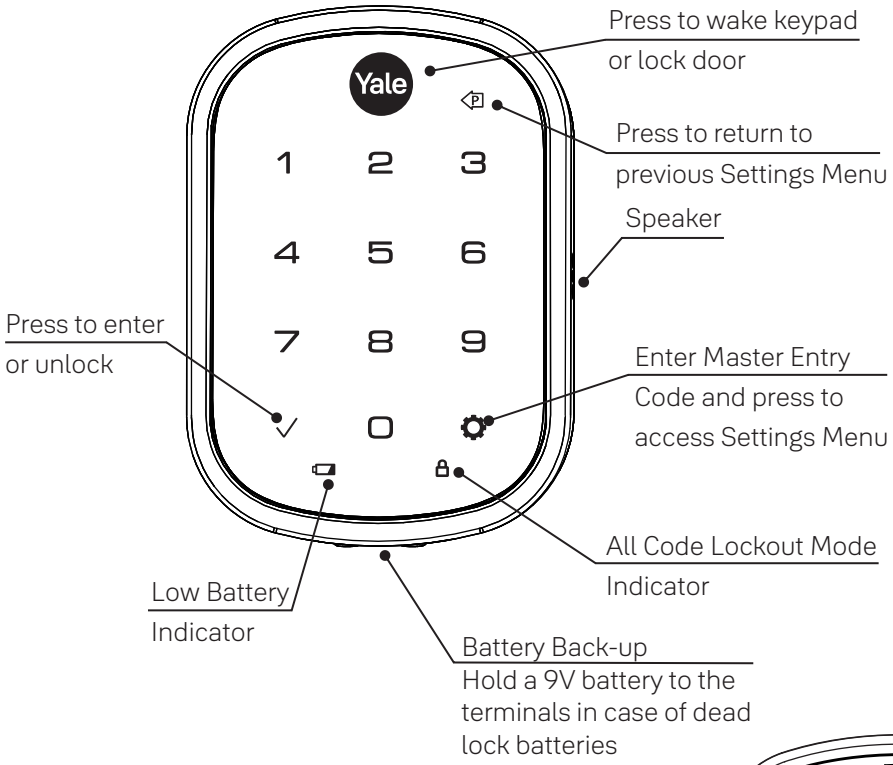
Press the Yale logo to wake the lock. You will be guided through setup by audio instructions on the lock.

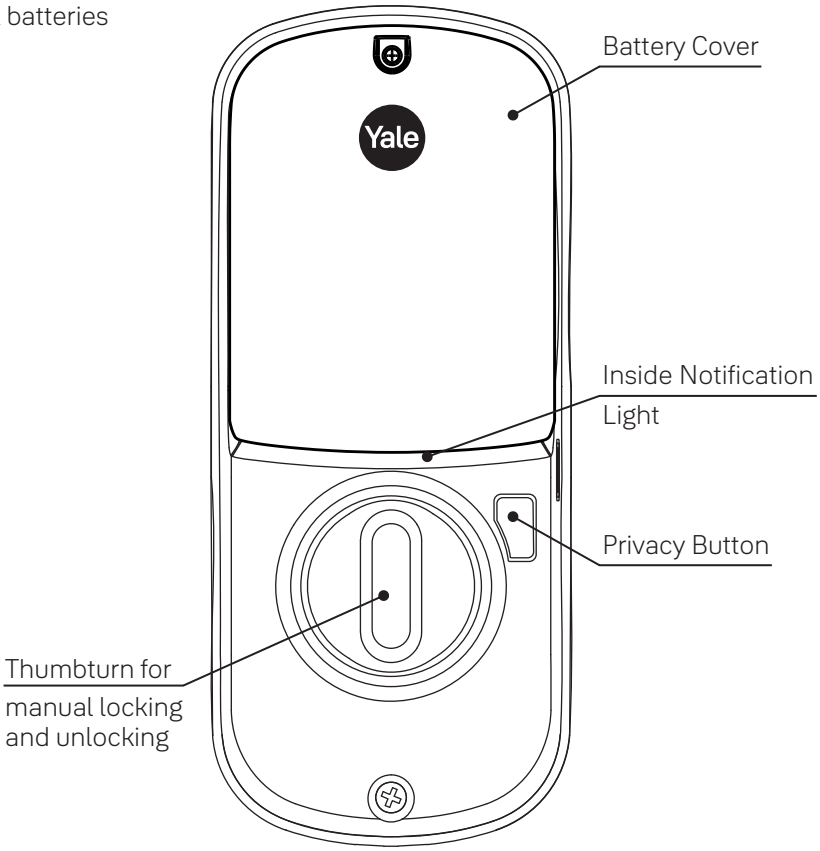
Additional Entry Codes and further programming can be done through the Settings Menu.

Congratulations, you've installed the Yale® Assure Lock® SL Key Free Touchscreen Deadbolt (YRD256)!
Using Your Lock instructions will help you customize your lock.

Using Your Lock

Touchscreen Keypad

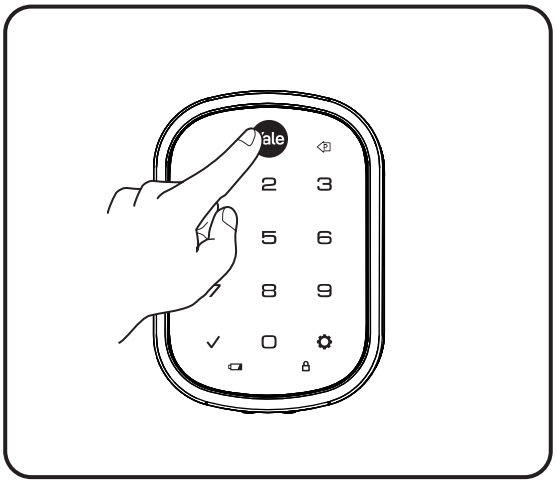


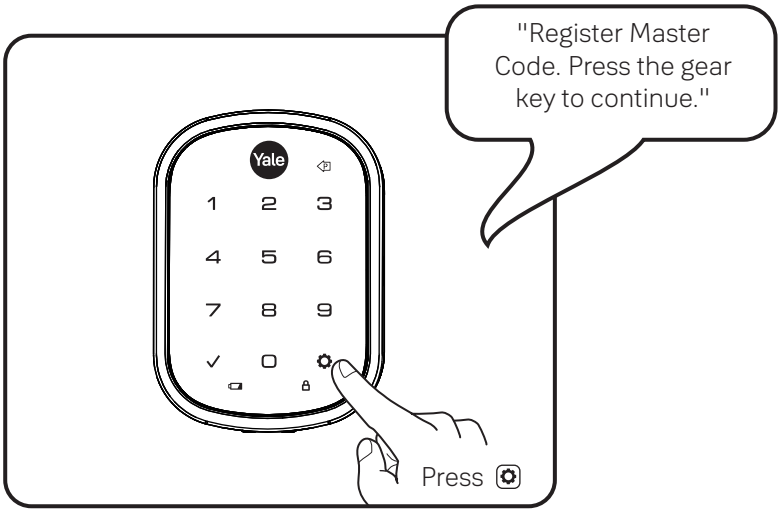


Inside Lock

Creating Master Entry Code

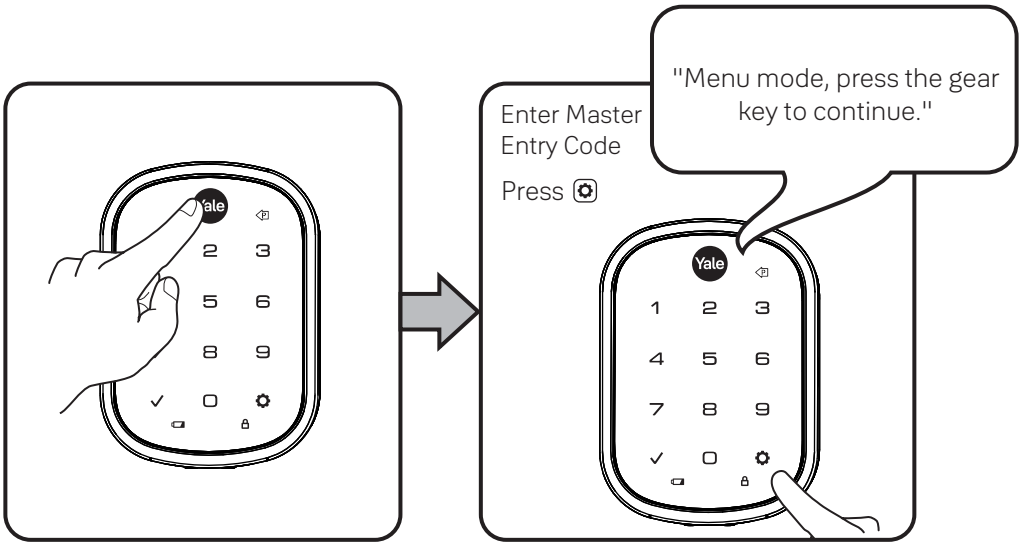
The Master Entry Code is used to change the lock settings.
A security best practice is to set your Master Entry Code with 6 or more digits and create a separate code that is used daily to lock and unlock the door.

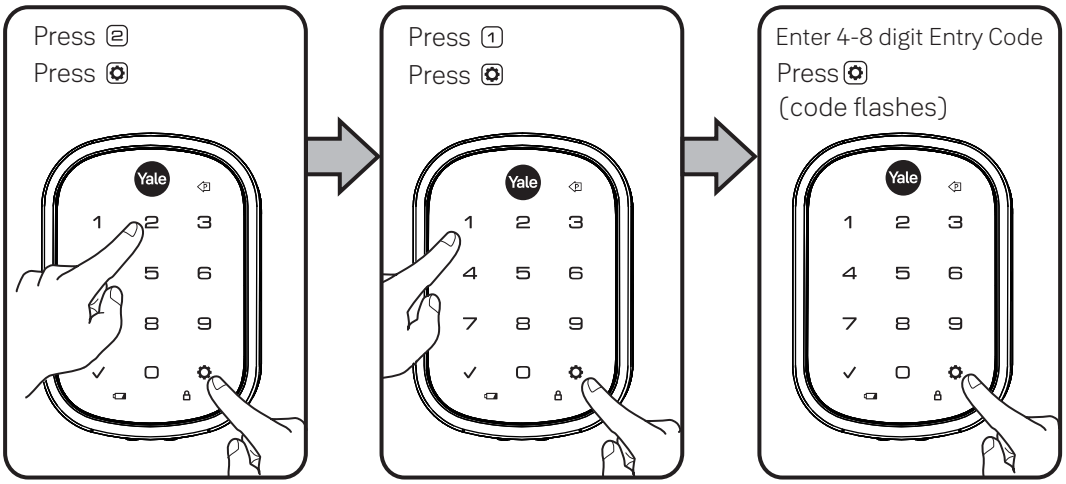




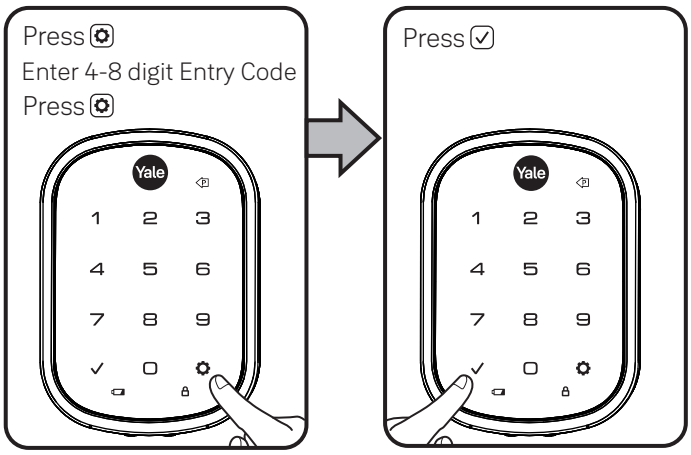
Creating Entry Codes

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



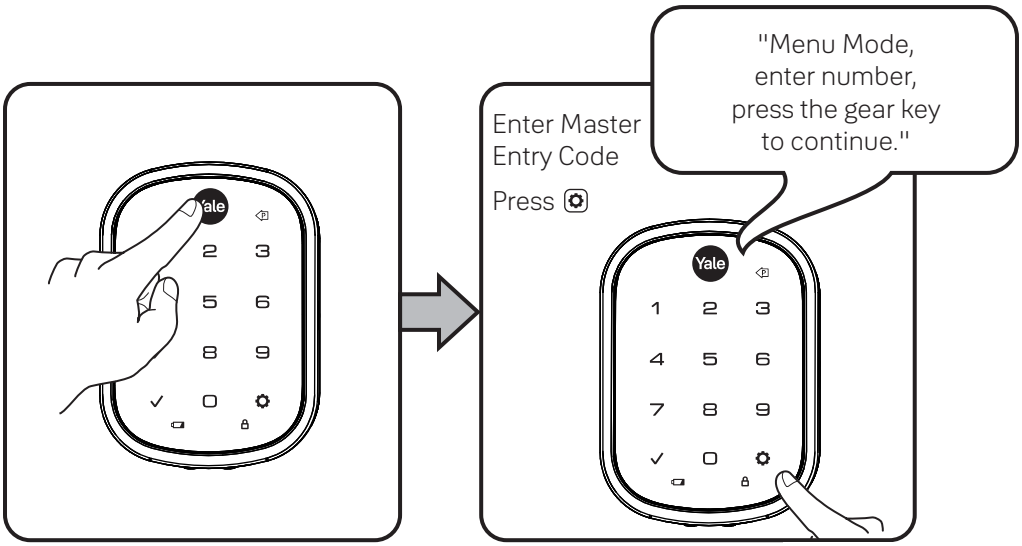


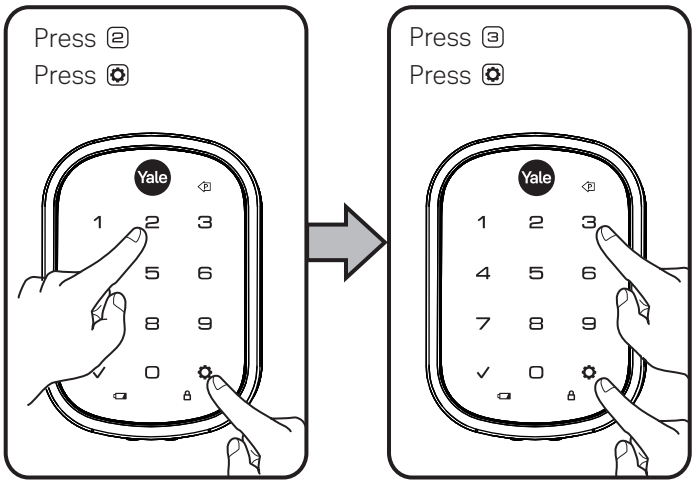
Adding more *Entry Codes:



To end programming:

Deleting Entry Codes

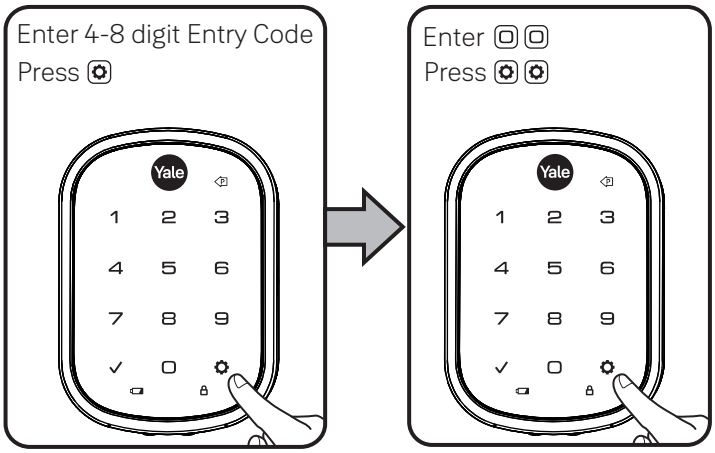




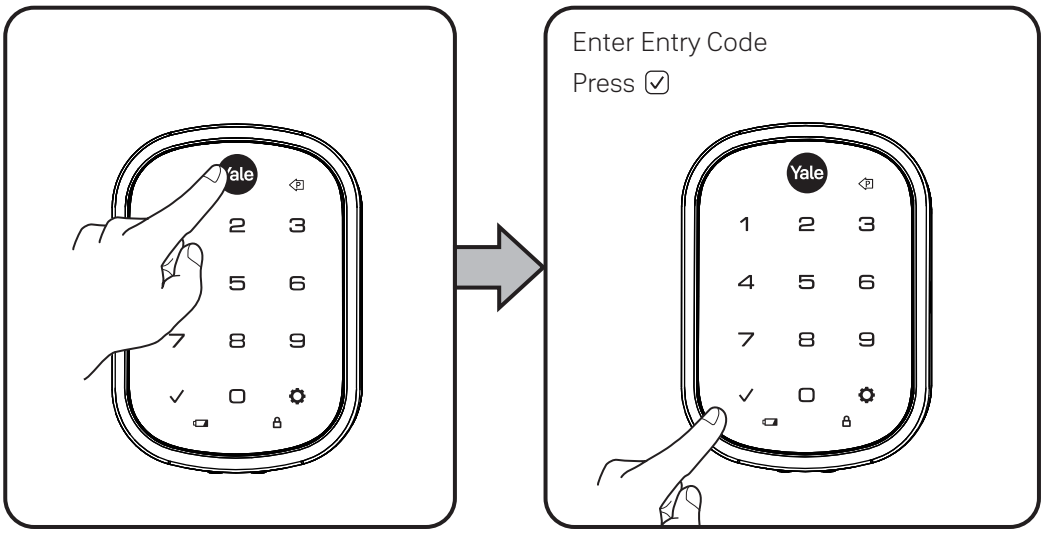
Deleting one Entry Code:

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



Setting Definitions

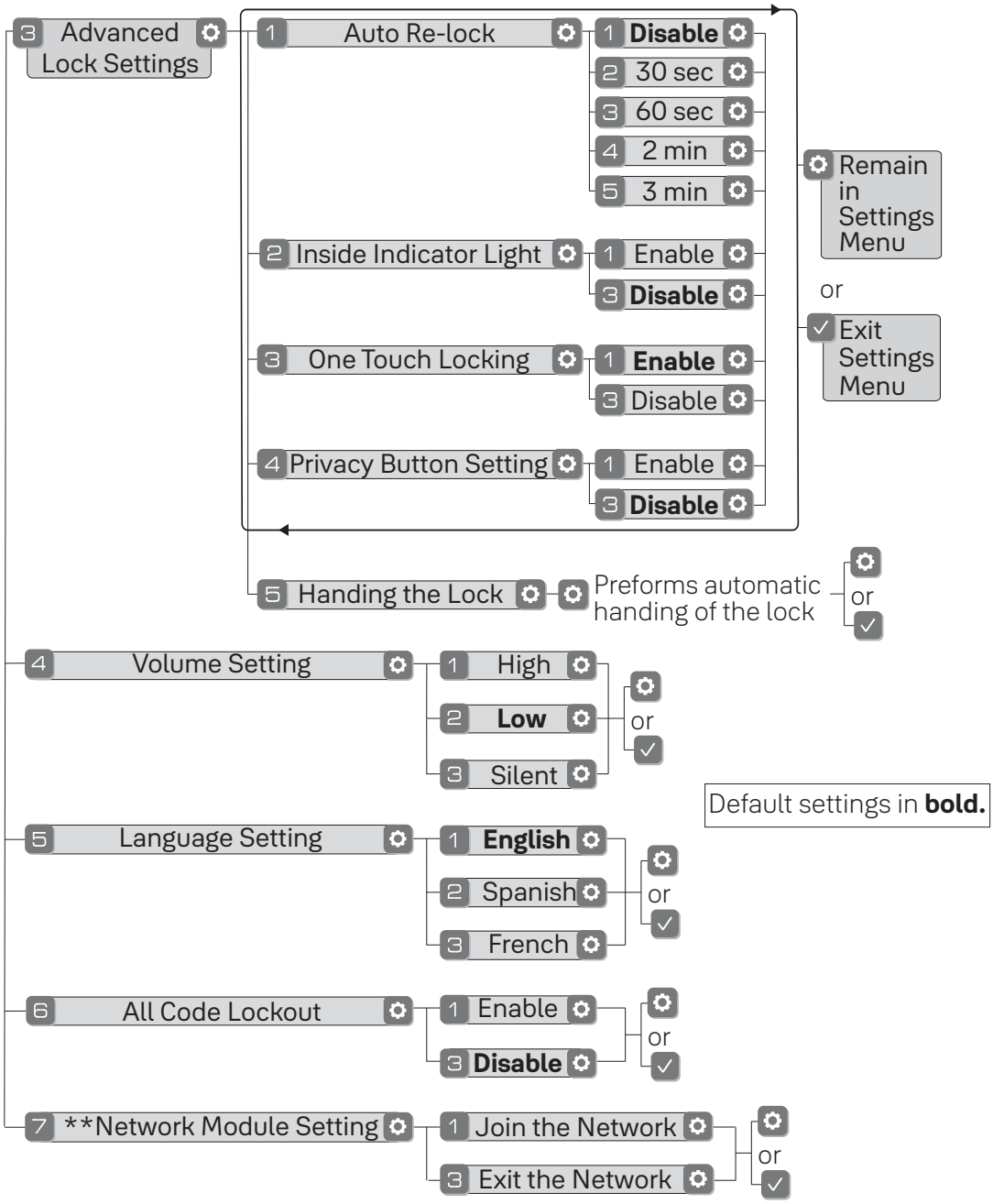
Settings	Default Setting	Definition
Master Entry Code	Creation required*	The Master Entry Code is used for programming and feature settings. It must be created prior to programming the lock. The Master Entry Code will also operate (unlock/lock) the lock.
All Code Lockout	Disabled	This feature is enabled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

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

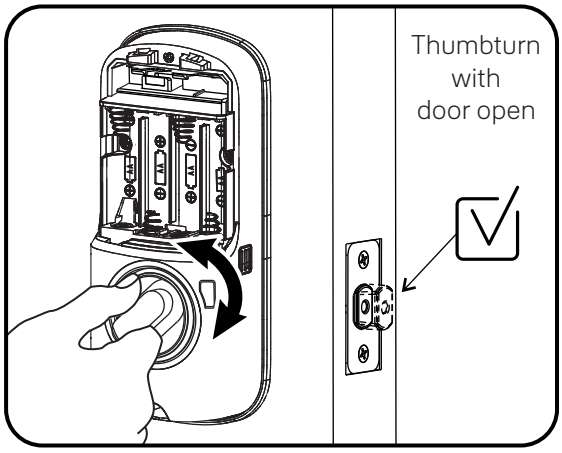
**Network Module Setting function appears only with Yale Smart module installed.

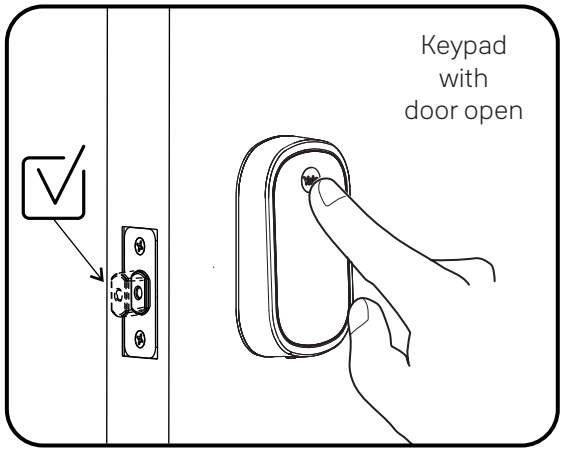
Troubleshooting

Symptom	Suggested Action
Lock does not respond – door is open and accessible.	• 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.

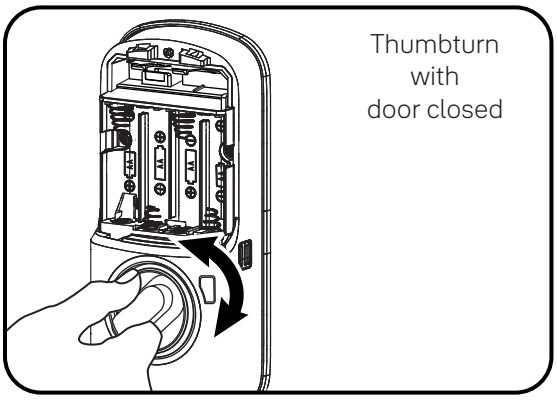
Hardware Troubleshooting





- 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.

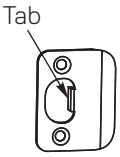


If you feel resistance, ensure deadbolt strike plate aligns with deadbolt. If deadbolt strike plate is out of alignment, please attempt to adjust knob/ lever/ handleset strike using steps below. The knob/ lever/ handleset latch engagement into the strike is the main component used for door alignment.

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.

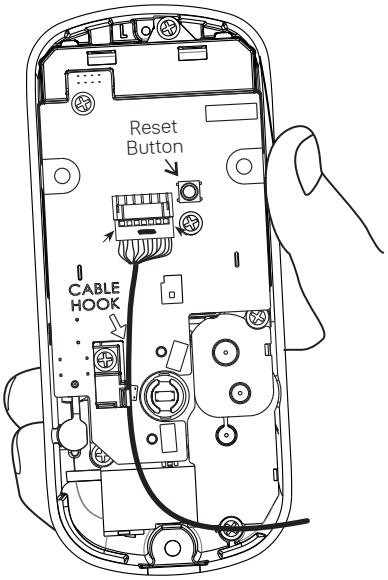
For help with misalignments, watch our door alignment video: US.YaleHome.com/en/support/yale-assure-lock-faqs/electronic-lock-installation/

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

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. Please use this procedure only when network primary controller is missing or otherwise inoperable.

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 **Yale Home** 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 appareillage numérique de la classe A répond à toutes les exigences de l'interférence canadienne causant des règlements d'équipement.

Yale Home

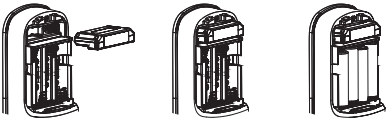
24/7 Product Support : 1-855-213-5841 • www.US.YaleHome.com

Yale® and Assure Lock® are registered trademarks of Yale Home. 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.

Yale® Z-Wave® Plus v2 Smart Module Installation Guide

Adding a Yale Z-Wave® Plus v2 Smart Module to your Assure Lock & Z-Wave System

1. Install Yale Smart Module into slot above battery compartment
   IMPORTANT: Batteries must be removed before inserting Yale Smart Module:
   - Remove battery cover
   - Remove batteries
   - Insert Yale Smart Module
   - Reinstall batteries
   - Reinstall battery cover



2. Open Z-Wave system's smart home or alarm app on your smartphone or tablet

3. If you have SmartStart* enabled with your Z-Wave System follow in-app prompts to add a new device
   If you don't have SmartStart or are not sure, follow steps 4 - 6

4. On your lock keypad, enter your master entry code followed by the ⚙ icon

5. Press the 7 key followed by the ⚙ icon

6. Press the 1 key followed by the ⚙ icon

If prompted, scan QR code

Removing a Yale Z-Wave® Plus v2 Smart Module from your Assure Lock & Z-Wave System

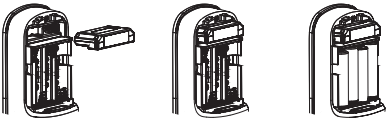
1. Open Z-Wave system's smart home or alarm app and follow instructions for removing a device

2. On your lock keypad, enter your master entry code followed by the ⚙ icon

3. Press the 7 key followed by the ⚙ icon

4. Press the 3 key followed by the ⚙ icon

5. Remove Yale Smart Module from slot above battery compartment
   IMPORTANT: Batteries must be removed before removing Yale Smart Module:
   - Remove battery cover
   - Remove batteries
   - Remove Yale Smart Module
   - Reinstall batteries
   - Reinstall battery cover



6. If you're adding a new Yale Smart Module, follow instructions included with it

*SmartStart enabled products can be added into a Z-Wave network by scanning the Z-Wave QR Code present on the product with a controller providing SmartStart inclusion. No further action is required and the SmartStart product will be added automatically within 10 minutes of being switched on in network vicinity.

P/N AYR-MOD-ZW3-MNL-0015 Rev A

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.

This device is a security enabled Z-Wave Plus v2 product that is able to use encrypted Z-Wave Plus v2 messages to communicate to other security enabled Z-Wave Plus v2 products. This device must be used in conjunction with a Security Enabled Z-Wave Controller in order to fully utilize all implemented functions. This product can be operated in any Z-Wave network with other Z-Wave certified devices from other manufacturers. All non-battery operated nodes within the network will act as repeaters regardless of vendor to increase reliability of the network.

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.

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Industry Canada:

Section 7.1.2 of RSS-GEN Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

En vertu des règlements d'Industrie Canada, cet émetteur radio ne peut fonctionner avec une antenne d'un type et un maximum (ou moins) approuvés pour gagner de l'émetteur par Industrie Canada. Pour réduire le risque d'interférence aux autres utilisateurs, le type d'antenne et son gain doivent être choisies de façon que la puissance isotrope rayonnée équivalente (PIRE) ne dépasse pas ce qui est nécessaire pour une communication réussie.

Section 7.1.3 of RSS-GEN This Device complies with Industry Canada License-exempt RSS standard(s). Operation is subject to the following two conditions: 1) this device may not cause interference, and 2) this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil est conforme avec Industrie Canada RSS standard exemptes de licence(s). Son fonctionnement est soumis aux deux conditions suivantes: 1) ce dispositif ne peut causer des interférences, et 2) cet appareil doit accepter toute interférence, y compris les interférences qui peuvent causer un mauvais fonctionnement du dispositif.

CAN ICES-3B/NMB-3B

Yale Locks & Hardware

24/7 Tech Support: 1-855-492-0505 • www.yalehome.com

Yale® is a registered trademark of ASSA ABLOY Residential Group. 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 ASSA ABLOY Residential Group is prohibited.

ASSA ABLOY

The global leader in door opening solutions

Yale Locks

Z-Wave Plus v2 System Integrators Guide for Marketing

Yale Assure Electronic Deadbolts

YRD216-ZW3, YRD226-ZW3, YRD256-ZW3
YRC216-ZW3, YRC226-ZW3, YRC256-ZW3

Document Revision: 1.4

October 20, 2020

Contents

Yale Z-Wave Plus Product Info 3
Supported Command Classes 3
Association Table:..... 4
Notifications Table 4
Configurable Parameters..... 9

Yale Z-Wave Plus Product Info

- Manufacturer ID: Assa Abloy (0x0129)
- Z-Wave Device Type: Door Lock Keypad
- Z-Wave Role Type: Listening Sleeping Slave (LSS)
- Product ID:
  - 0x46D1 for YRD216-ZW3 (Push Button Deadbolt)
  - 0x46D2 for YRD226-ZW3 (Keyed Touch Screen Deadbolt)
  - 0x46D5 for YRD256-ZW3 (Keyless Touch Screen Deadbolt)
  - 0x46C1 for YRC216-ZW3 (Interconnected Push Button Deadbolt)
  - 0x46C2 for YRC226-ZW3 (Interconnected Keyed Touch Screen Deadbolt)
  - 0x46C5 for YRC256-ZW3 (Interconnected Keyless Touch Screen Deadbolt)
- Product Type ID:
  - 0x8004 for YRD216-ZW3 & YRC216-ZW3 (Push Button Deadbolt)
  - 0x8002 for YRD226-ZW3, YRC226-ZW3, YRD256-ZW3, & YRC256-ZW3 (Touch Screen Deadbolt)

Supported Command Classes

- Command Class Z-Wave Plus Info
- Command Class Manufacturer Specific*
- Command Class Security
- Command Class Security 2
- Command Class Device Reset Locally*
- Command Class Power Level*
- Command Class Version*
- Command Class Battery*
- Command Class Door Lock*
- Command Class Door Lock Logging*
- Command Class Schedule Entry Lock*
- Command Class User Code*
- Command Class Time Parameters*
- Command Class Time*
- Command Class Firmware Update Meta Data*
- Command Class Association*
- Command Class Multi Channel Association*
- Command Class Association Group Info*
- Command Class Notification*
- Command Class Configuration*
- Command Class Application Status
- Command Class Transport Service

- Command Class Supervision
- Command Class Indicator*
- Command Class Basic*

* Command Class Requires Security

Association Table:

Table 1 - Association Table

Group ID	Maximum Nodes	Description	Commands

1	1	Lifeline	• Command_Class_Battery, V1
			  ○ Battery_Report
			• Command_Class_Configuration, V4
			  ○ Configuration_Report
			• Command_Class_Notification, V8
			  ○ Notification_Report
			• Command_Class_Door_Lock, V4
			  ○ Door_Lock_Operation_Report
			  ○ Door_Lock_Configuration_Report
			• Command_Class_Device_Reset_Locally, V1
			  ○ Device_Reset_Locally_Notification
			• Command_Class_Indicator, V3
			  ○ Indicator_Report
			• Command_Class_User_Code, V2
			  ○ User Code Report
			• Command_Class_Clock, V1
			  ○ Clock_Report

Notifications Table

Table 2 - Notifications Table

Alarm Reports	Alarm type	Alarm Level	Description	Notification Type	Event
Deadbolt Jammed	0x09	0x01	Deadbolt jammed while locking	0x06	0x0B
		0x02	Deadbolt jammed while unlocking	0x06	0x0B

Keypad Lock	0x12	0x (01 – max users)	Where Alarm level represents user slot number	0x06	0x05
Keypad Unlock	0x13	0x(01-max users)	Where Alarm level represents user slot number (0x00 = Master Code)	0x06	0X06
Manual Lock	0x15	0x01	by key cylinder or inside thumb-turn	0x06	0x01
		0x02	by touch function (lock and leave)	0x06	0x01
		0x03	By inside button	0x06	0x01
Manual Unlock	0x16	0x01	By key cylinder or inside thumb turn	0x06	0x02
RF Operate Lock	0x18	0x01	by RF module	0x06	0x03
RF Operate Unlock	0x19	0x01	by RF module	0x06	0X04
Auto Lock Operate Locked	0x1B	0x01	Auto re-lock cycle complete, locked.	0x06	0x09
User deleted	0x21	0x(01-max users)	User was deleted. Alarm level = user slot number	0x06	0X0D (single) 0X0C (all)
Door State	0x23	0x00	Door is open	0x06	0x16
		0x01	Door is closed	0x06	0x17
Non Access	0x26	0x(01-max users)	A Non Access Code was entered at the lock. Where alarm level represents	0x06	0xFE

			user slot number		
Daily Repeating Schedule Set/Erased	0x60	0x(01-max users)	Schedule(s) has been set/erased for specified user ID	0x06	0xFE
Year Day Schedule Set/Erased	0x62	0x(01-max users)	Schedule(s) has been set/erased for specified user ID	0x06	0xFE
All Schedule Types Enabled/Disabled	0x65	0x(01-max users)	Schedule(s) has been enable/disabled for specified user ID	0x06	0xFE
Master Code changed	0x70	0x00	Master code was changed at keypad	0x06	0x12
		0xFB	Master code was changed over RF	0x06	0x0E
User added		0x(01-max users)	User added. Alarm level = user slot number	0x06	0X0E
Duplicate Pin-code error	0x71	0x (01-max users)	Where Alarm level represents user slot number Alarm generated in response to add user RF cmd. This alarm is not generated when attempting to add duplicate pin at the keypad. The lock simply denies it and plays the " Denied". Trying to duplicate the master code will result in a 0x71	0x06	0x0F

			0x00 alarm report.		
Disabled user entered at keypad	0x83	0x(01-max users)	A disabled user pin code was entered at the keypad	0x06	0xFE
Valid user but outside of schedule	0x84	0x(01-max users)	A valid user can be both a normal user and a Non-Access user. If a non-access user is out of schedule this alarm will be sent instead of the non-access alarm.	0x06	0xFE
Tamper Alarm	0xA1	0x01	keypad attempts exceed code entry limit	0x06	0X10
		0x02	front escutcheon removed from main	0x06	0xFE
Battery is fully charged	0x80	0x05	After a low battery alert was observed, the lock was powered down and powered back up with full battery.	0x08	0x0D
Door Lock needs Time set	0x82	0x00	Power to the lock was restored and the locks RTC was cleared. The controller should set the time to ensure proper logging.	0x08	0x01
Low Battery Alarms***	0xA7	0x(Current %)	Low Battery (Starting at 4.0V)	0x08	0x0A
	0xA8	0x(Current %)	Critical Battery Level (Starting at 3.9V)	0x08	0x0B

** The Yale lock also supports a 3rd low battery alarm: too low to operate. This alarm is sent out as a Battery Report (with value = 0xFF) through the Battery Command Class. This is the last low battery alarm level before the product stops functioning.

Configurable Parameters

Table 3 - Configurable Parameters

Param. Num.	Name	Length	Configuration Properties			Info	Info String
			Min	Max	Default		
1	Volume	1 byte	0x01 (High Volume)	0x03 (Silent)	0x02 (Low Volume)	Set Volume Level to high (1), low (2), or silent (3).	53
2	Auto Relock	1 byte	0x00 (Disable)	0xFF (Enable)	0x00 (Disable)	Set Auto Relock feature to enable or disable.	45
3	Relock time	1 byte	0x0A (10 seconds)	0xB4 (180 seconds)	0x1E (30 seconds)	Adjust the time your lock will auto relock.	43
4	Wrong Code Entry Limit	1 byte	0x03	0x0A	0x05	Adjust the limit for wrong code entries allowed by your lock.	61
5	Language	1 byte	0x01 (English)	0x03 (French)	0x01 (English)	Set the language to English (1), Spanish (2), or French (3).	60
7	Shut down time	1 byte	0x0A (10 seconds)	0x84 (132 seconds)	0x3C (60 seconds)	Adjust the time your lock is shutdown after reaching its wrong code entry limit.	80

8	Operating mode	1 byte	0x00 (Normal Mode)	0x02 (Privacy Mode)	0x00 (Normal Mode)	Set the Operating Mode to normal mode(0), vacation mode(1) or privacy mode(2).	75
11	One Touch Locking	1 byte	0x00 (Disable)	0xFF (Enable)	0xFF (Enable)	Set One Touch Locking feature to enable or disable.	51
12	Privacy Button	1 byte	0x00 (Disable)	0xFF (Enable)	0x00 (Disable)	Set Privacy Button feature to enable or disable.	48
13	Lock Status LED	1 byte	0x00 (Disable)	0xFF (Enable)	0x00 (Disable)	Set Lock Status LED feature to enable or disable.	57
15	Reset To Factory Defaults	1 byte	0x01	0x01	N/A	Lock will reset to factory defaults when set this parameter to 0x01.	57