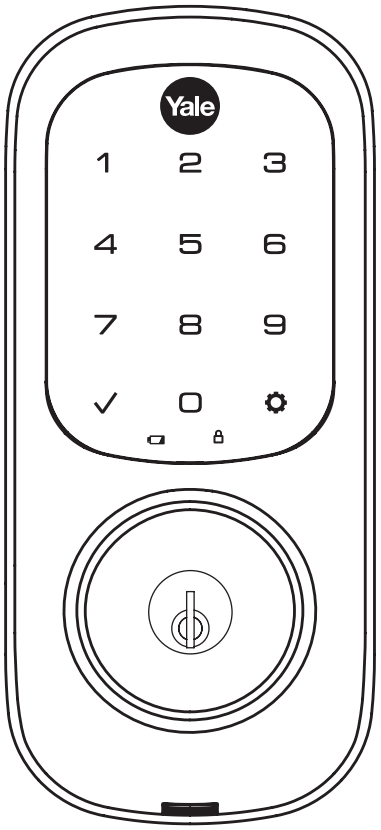
Yale® Assure Lock®
Touchscreen Deadbolt
Installation and Programming Instructions
(YRD226/YRD426)



Before you begin

DOWNLOAD THE BILT APP

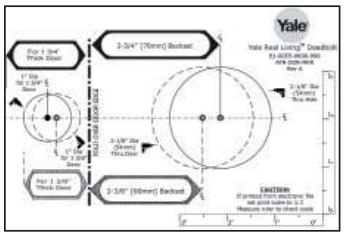
for step-by-step installation instructions & to register your product

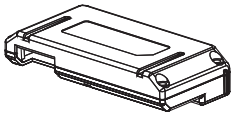


BILT.

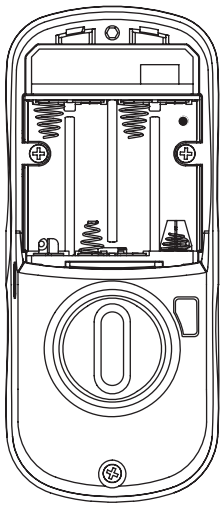
Download on the App Store

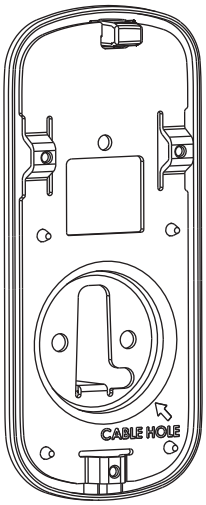
GET IT ON Google Play

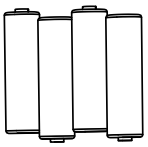




Optional Network Module

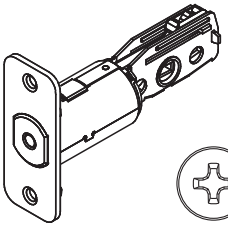


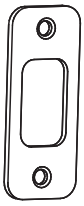














x3
#8-32 x 5/16"
Machine screws



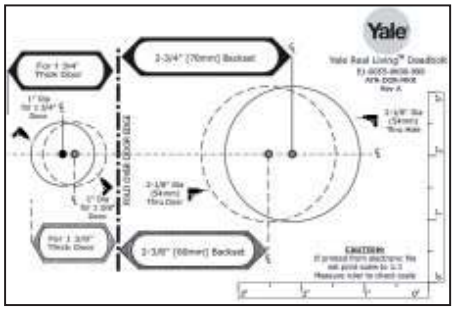
x4
#7 wood & #8-32
machine x 20mm
Combination screws

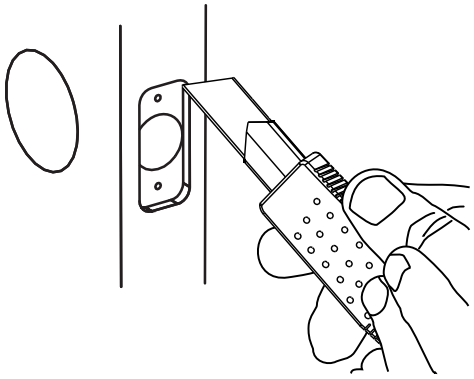


x2
M6x59.5mm
Long through bolt

FAILURE TO FOLLOW THESE INSTRUCTIONS COULD RESULT IN DAMAGE TO THE PRODUCT AND VOID THE FACTORY WARRANTY

Preparing Door

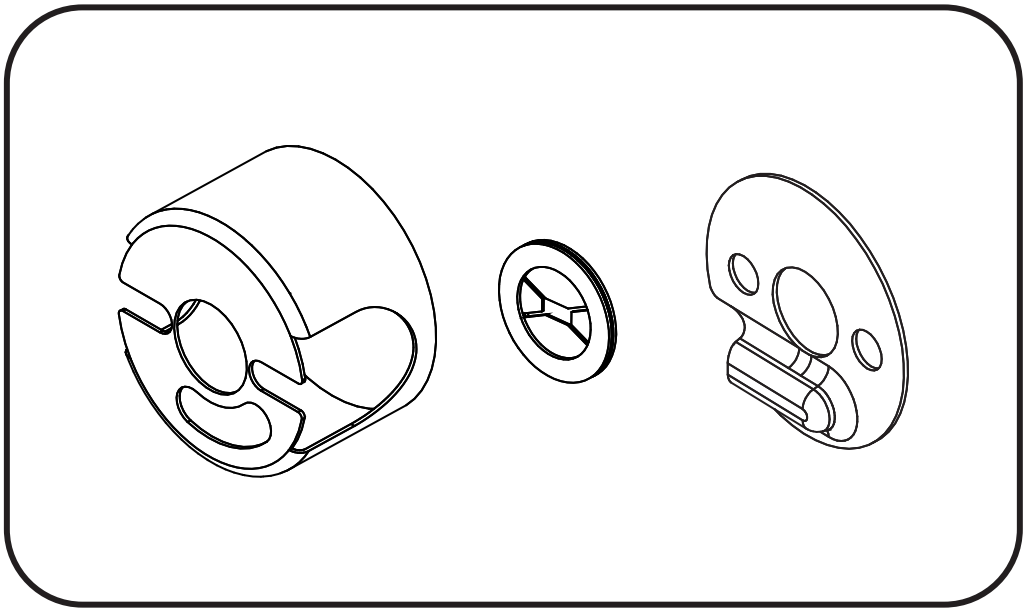




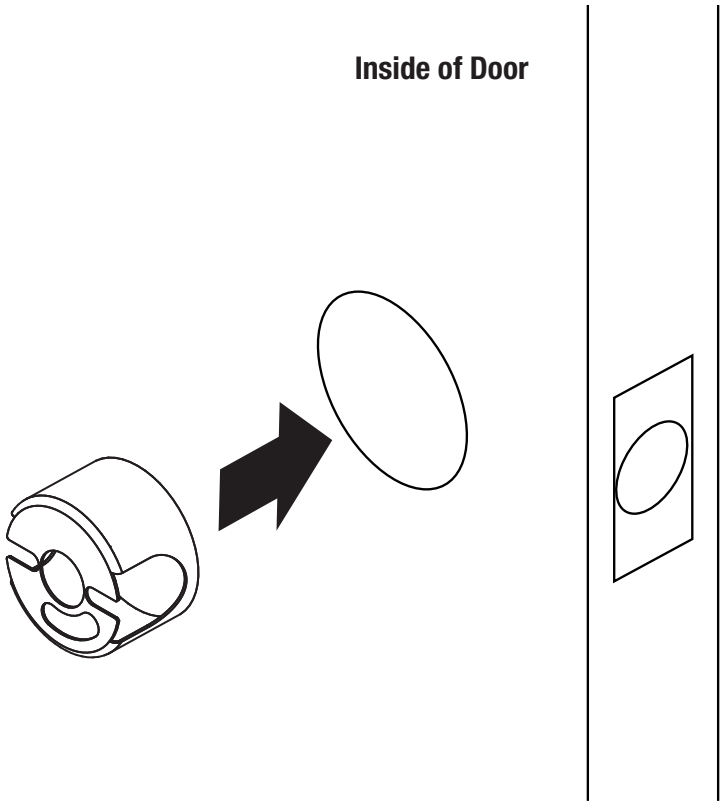


Optional Fire Kit Parts

For Model YRD620 ONLY



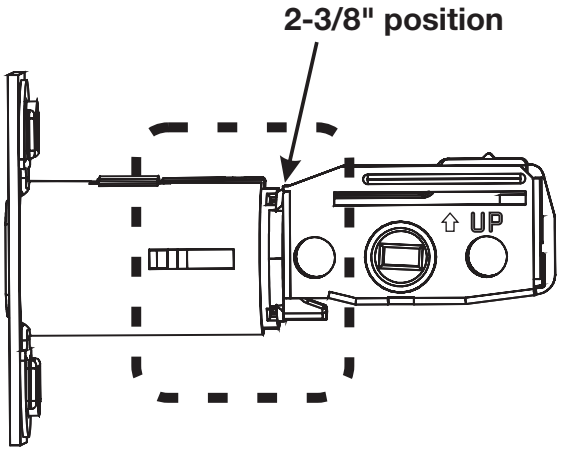
Installing Optional Fire Cup



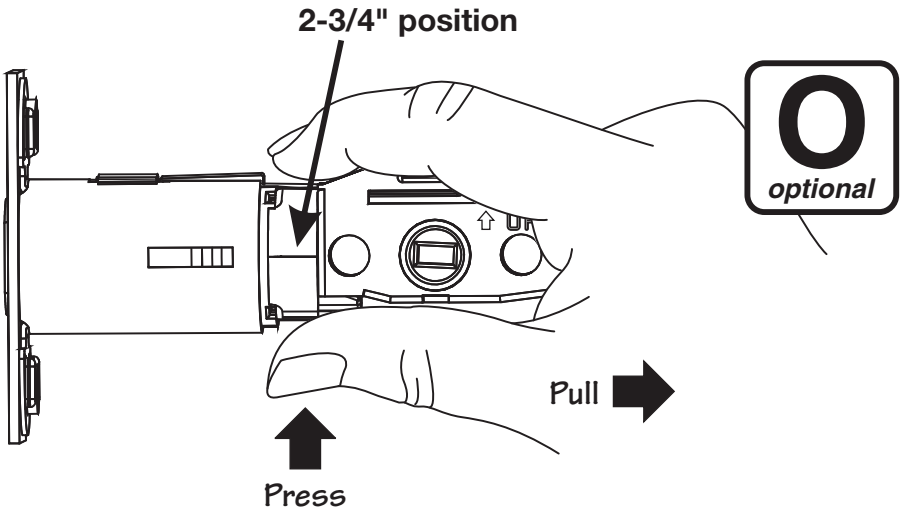
1 Installing Latch & Strike Plate

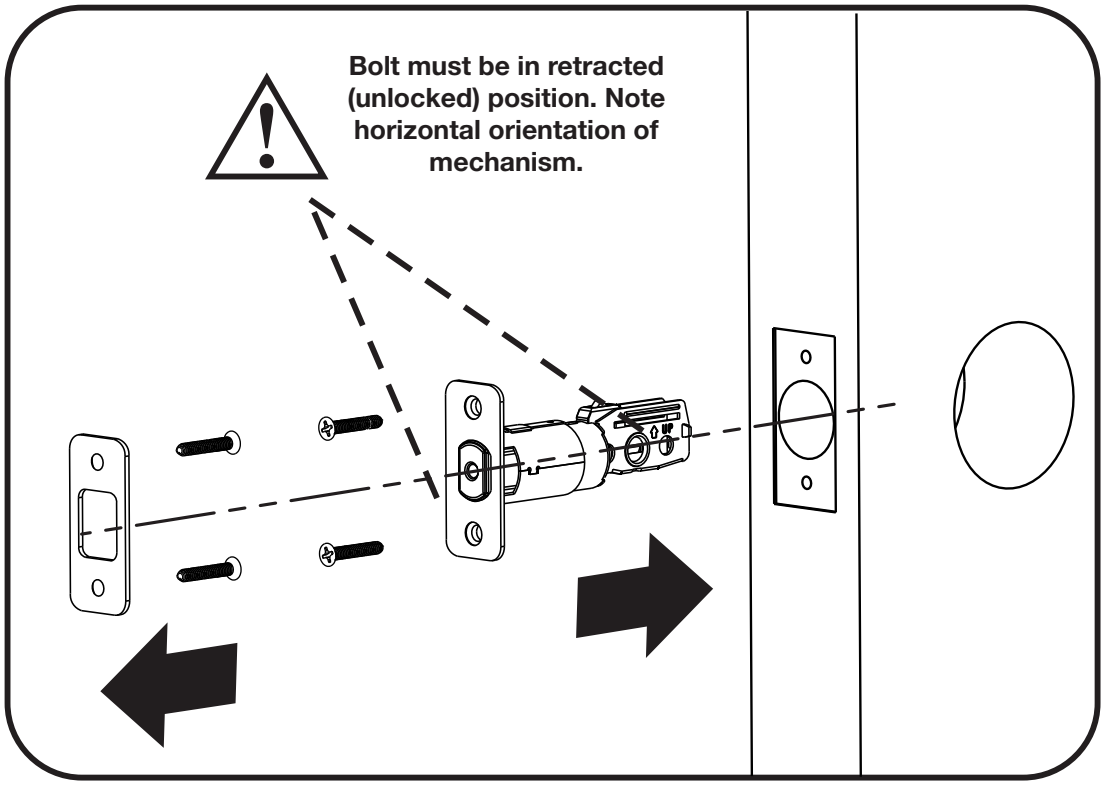


x4

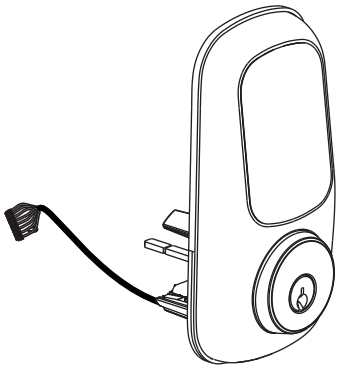


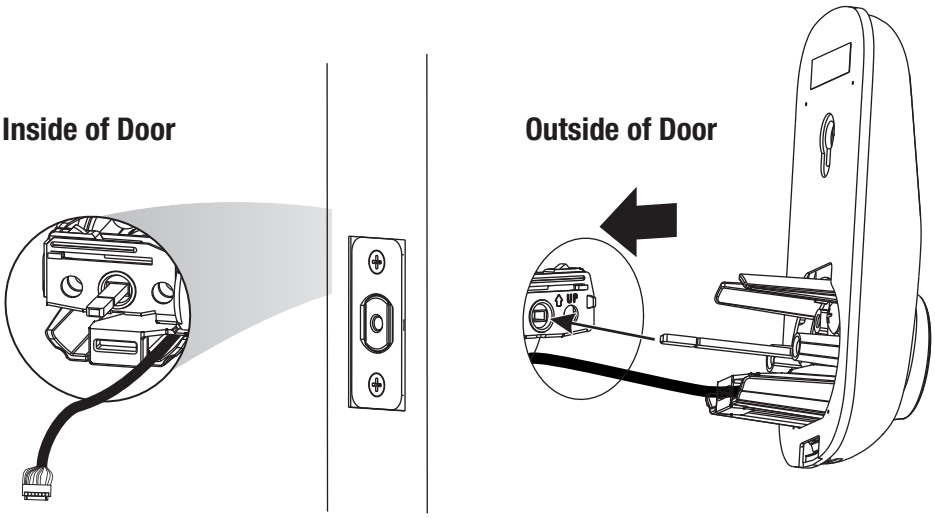


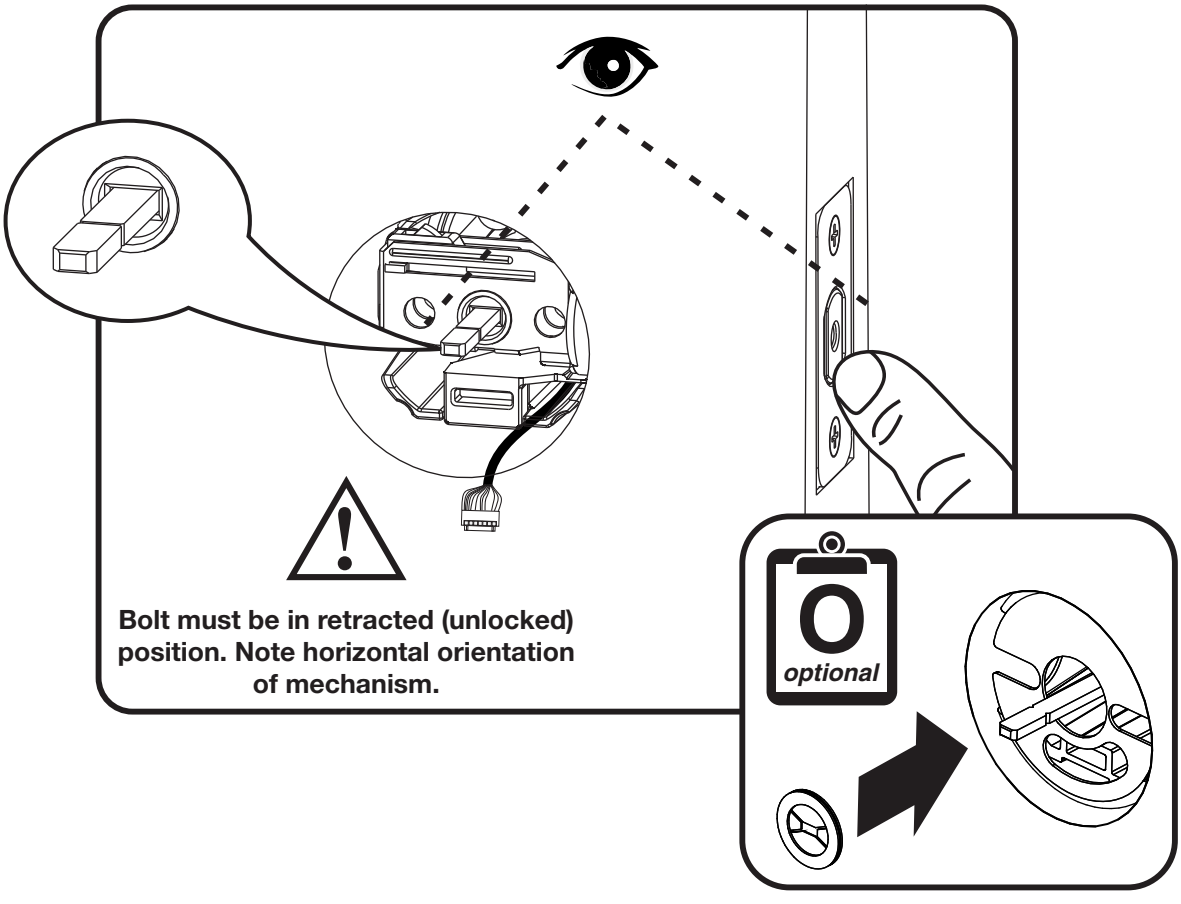




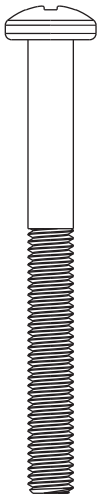
2 Installing Touchscreen Escutcheon





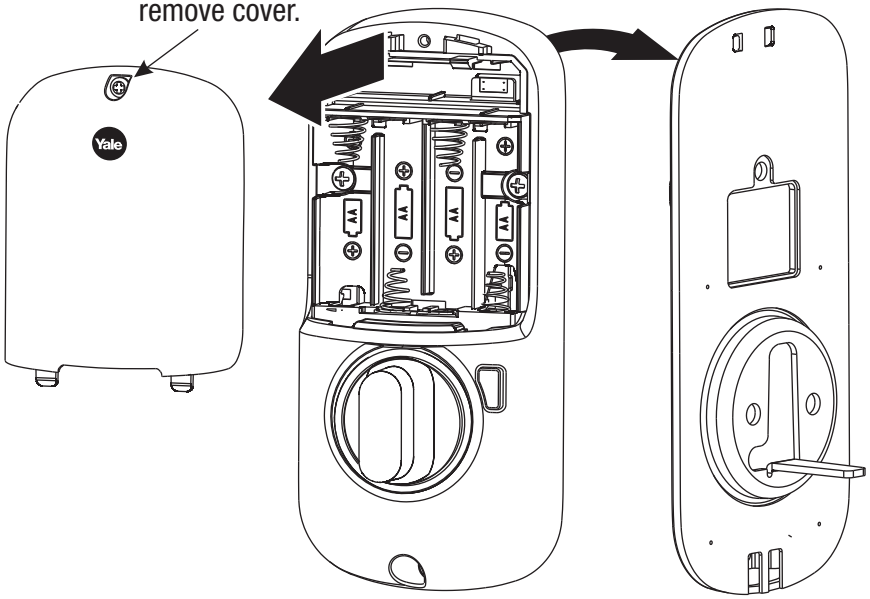


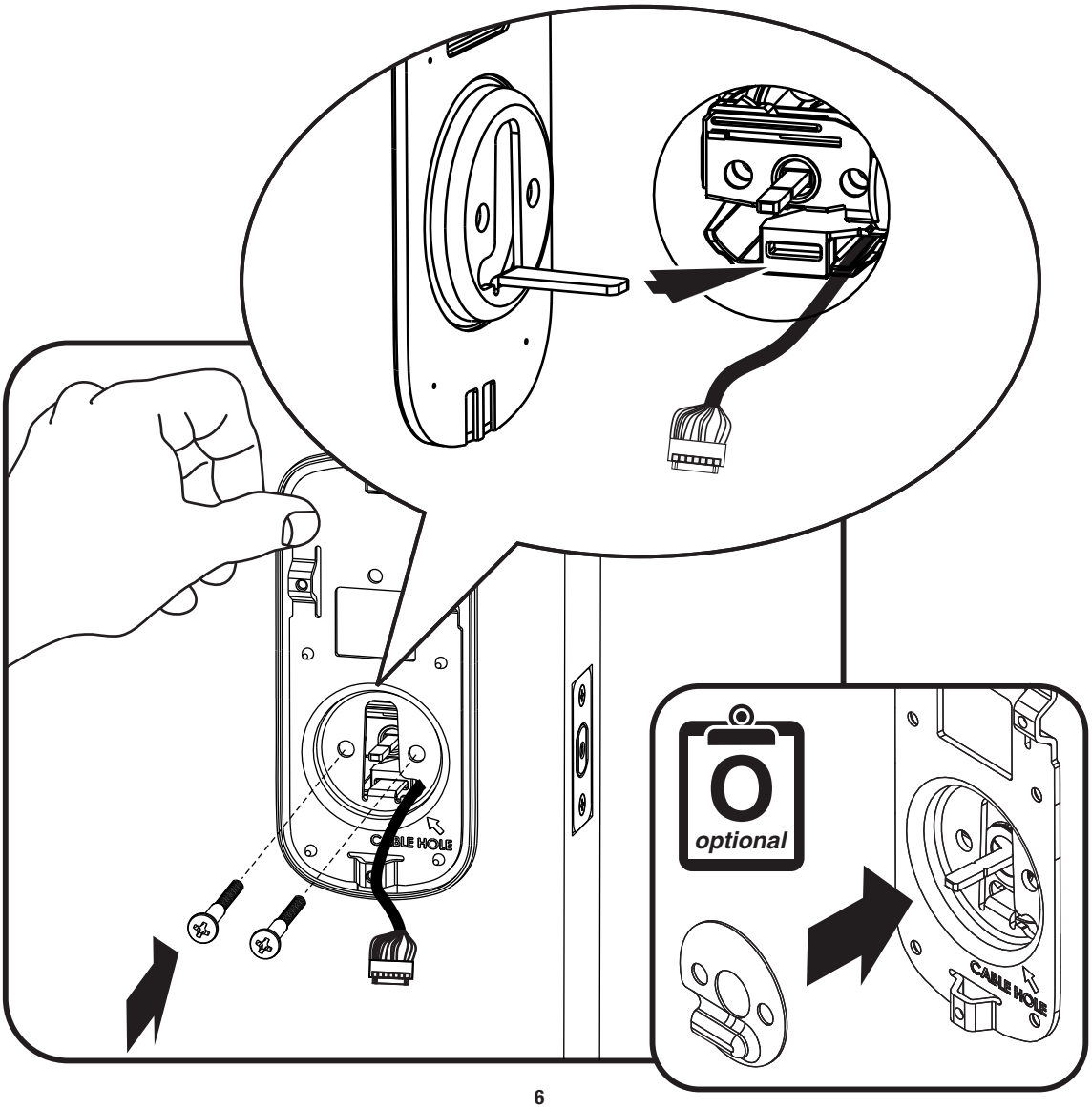
3 Installing Interior Mounting Plate



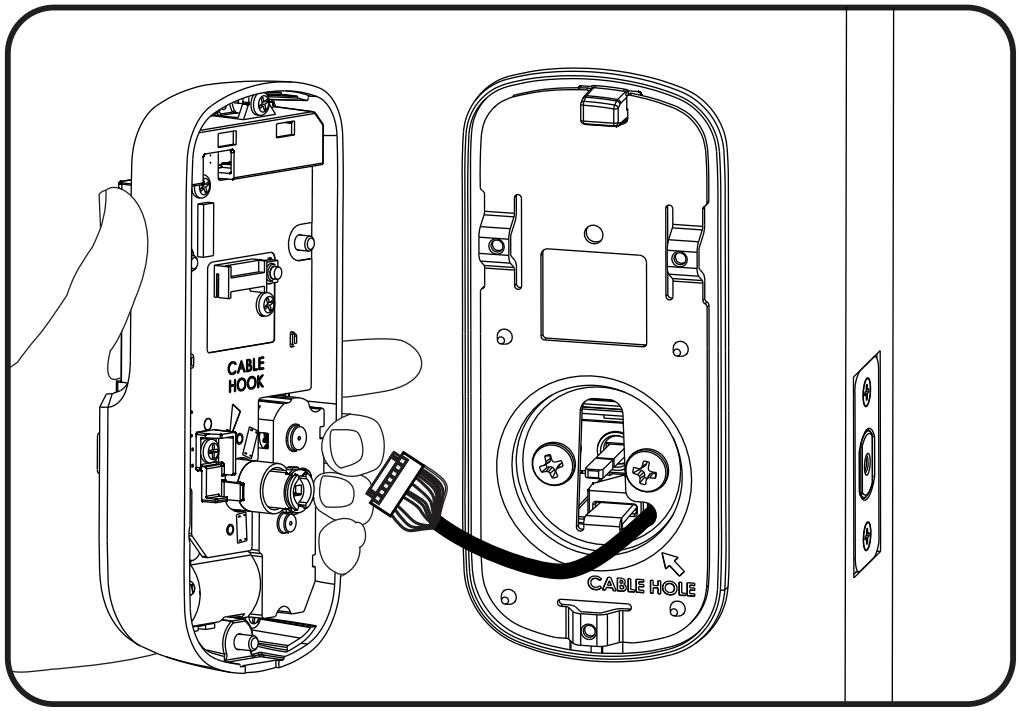
x2

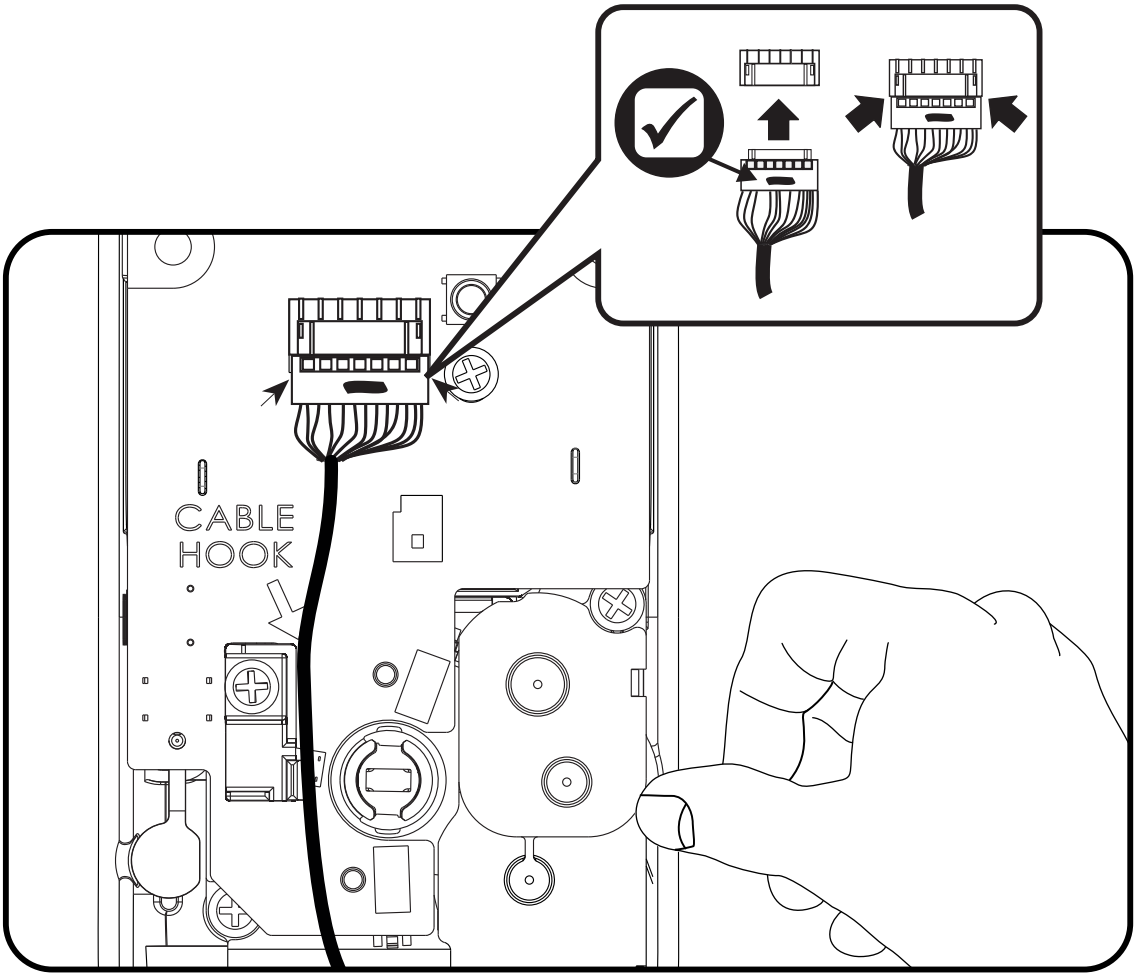
Loosen screw to remove cover.





4 Attaching the Cable Assembly

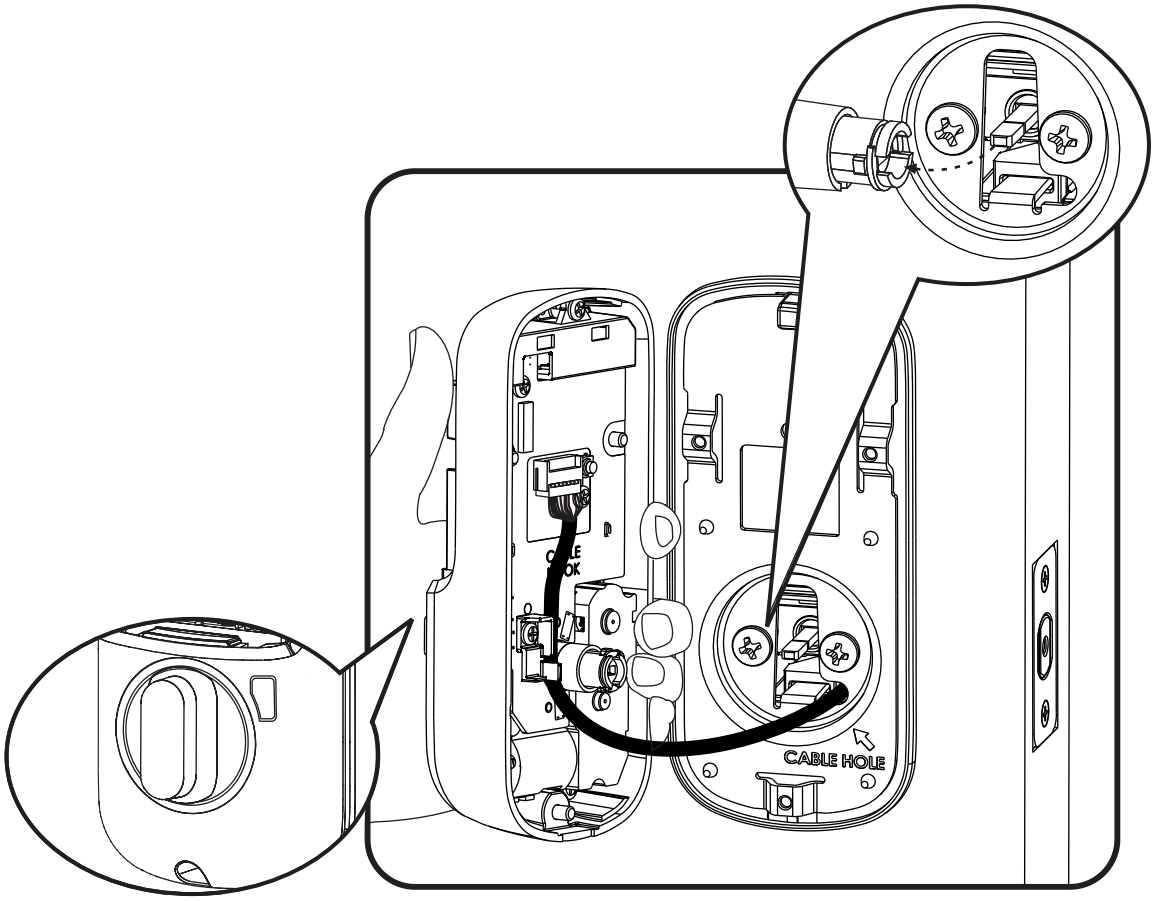


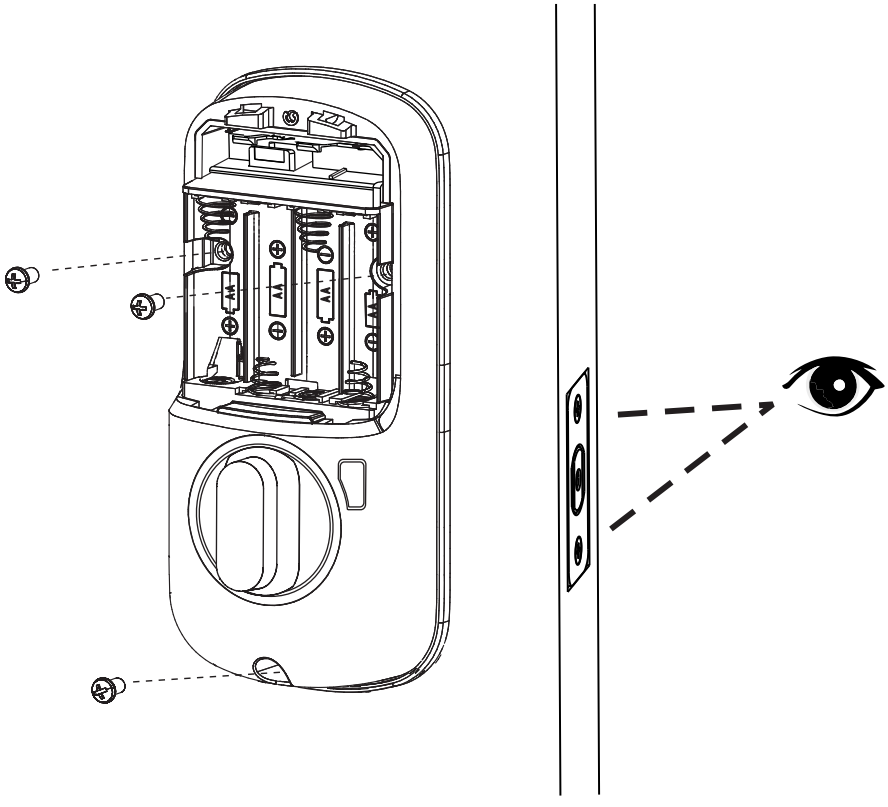


5 Installing Interior Escutcheon

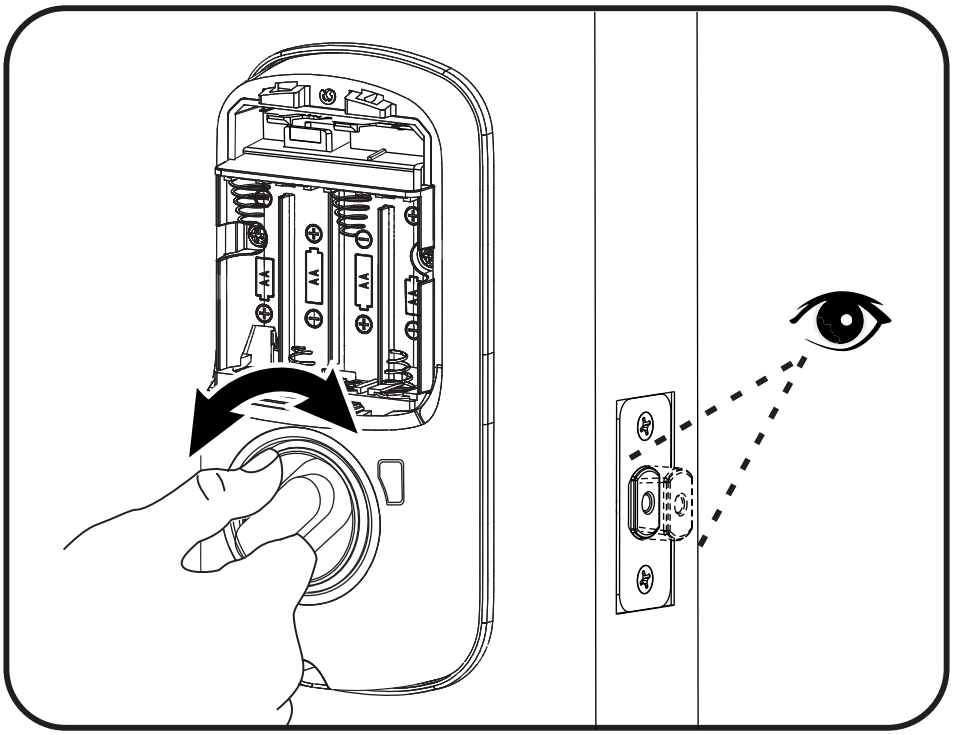


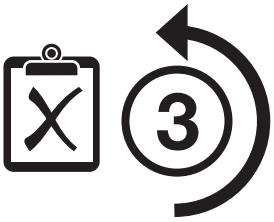
x3



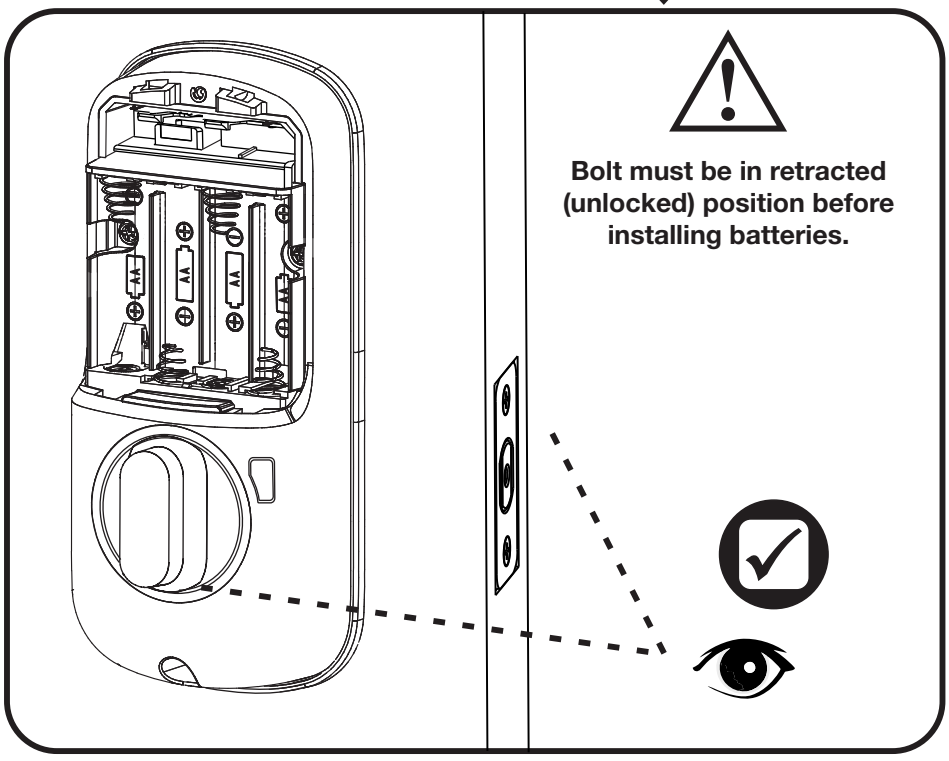


Testing Operation

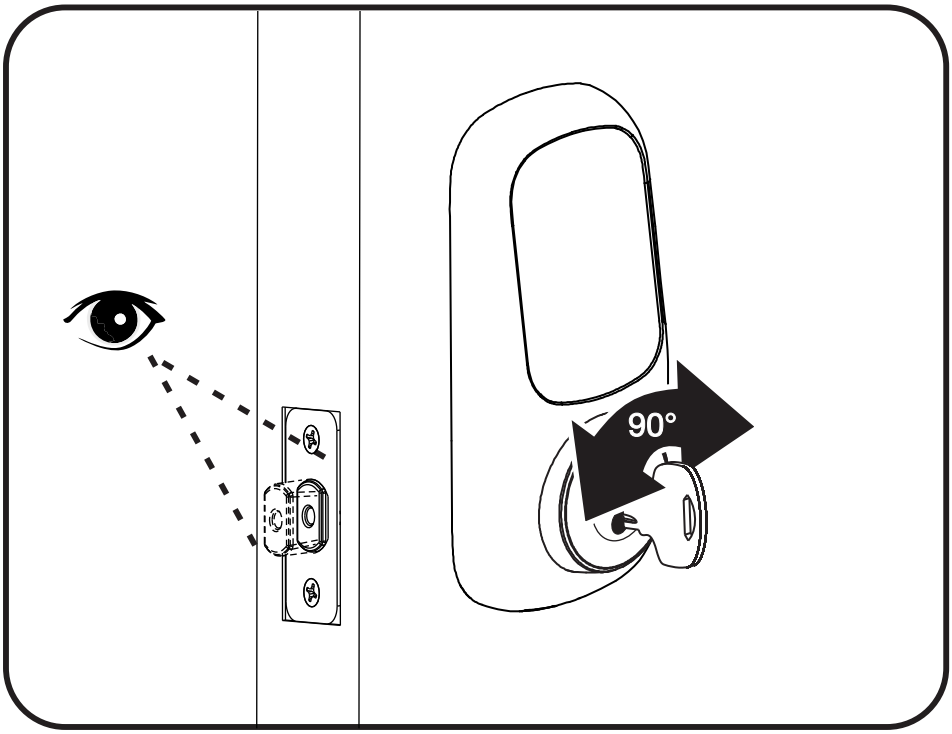






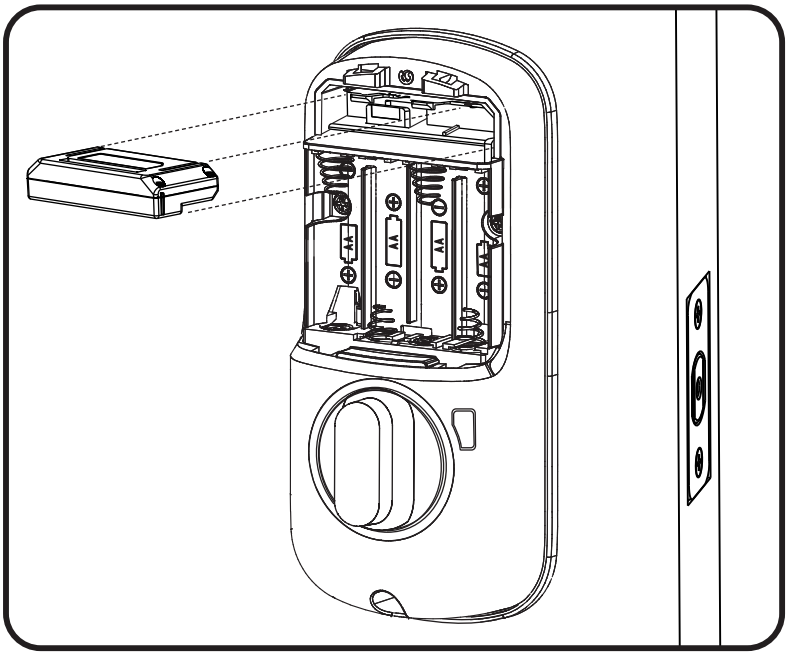


Testing Operation

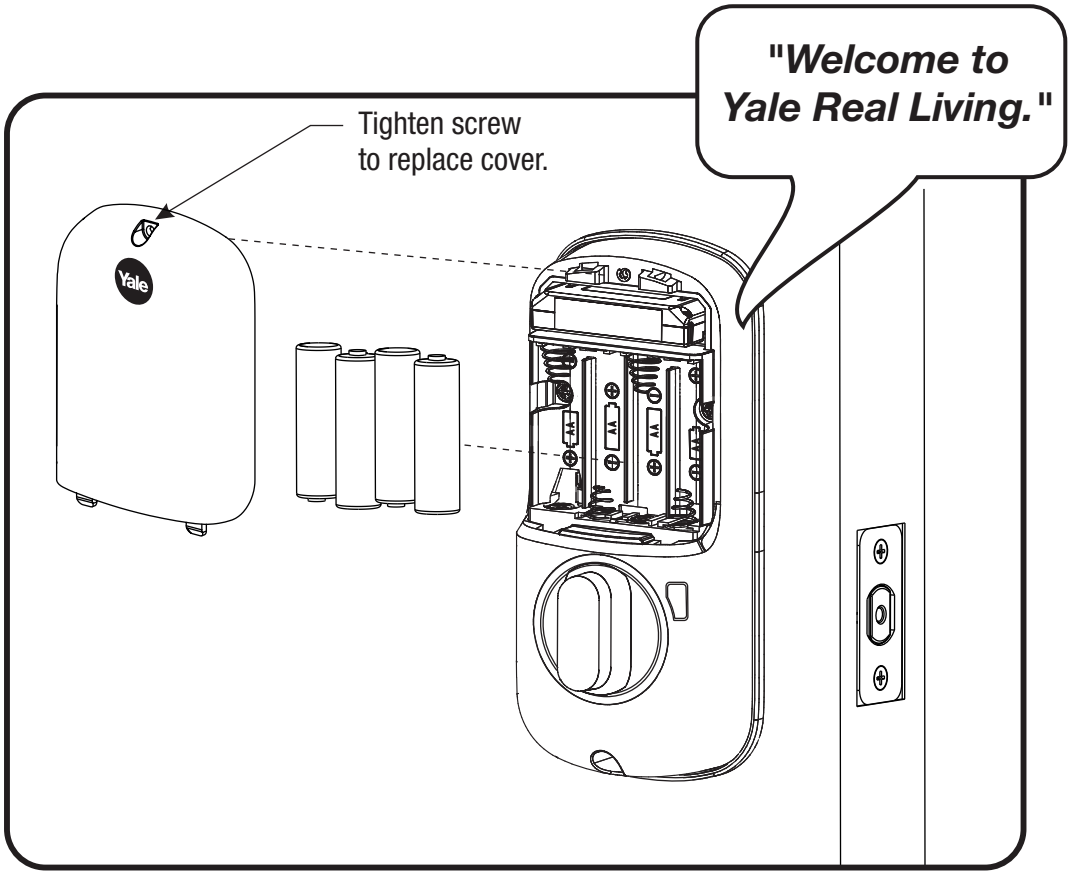




6 Installing Optional Network Module



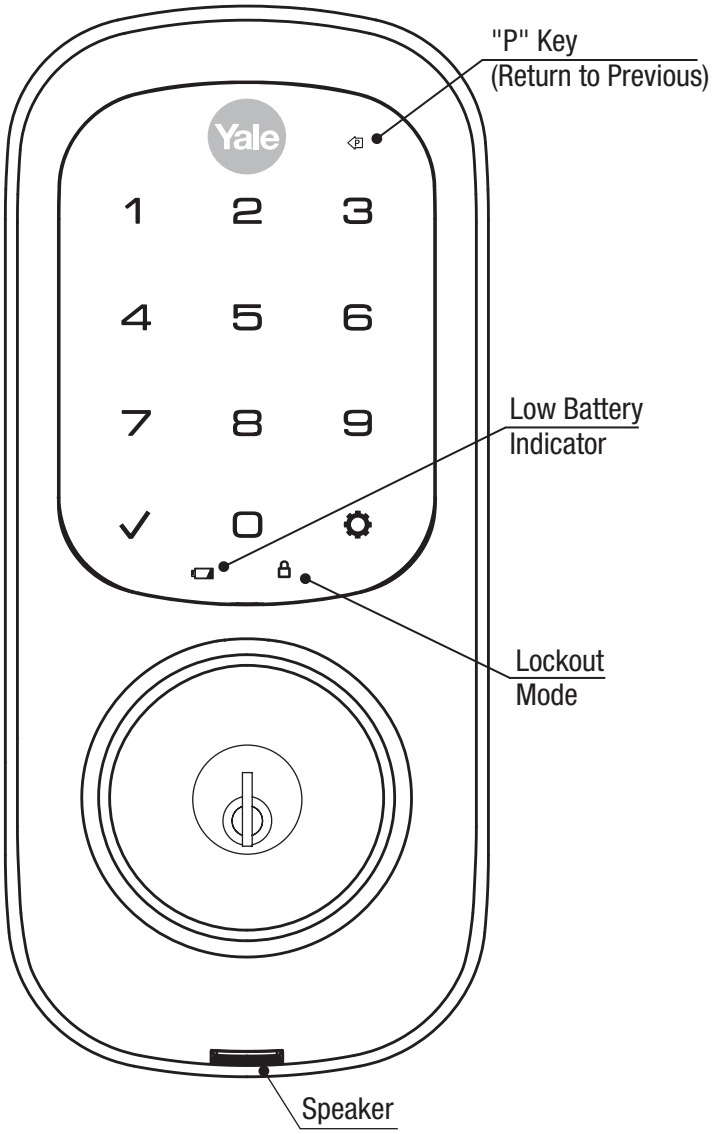
7 Installing Batteries & Cover



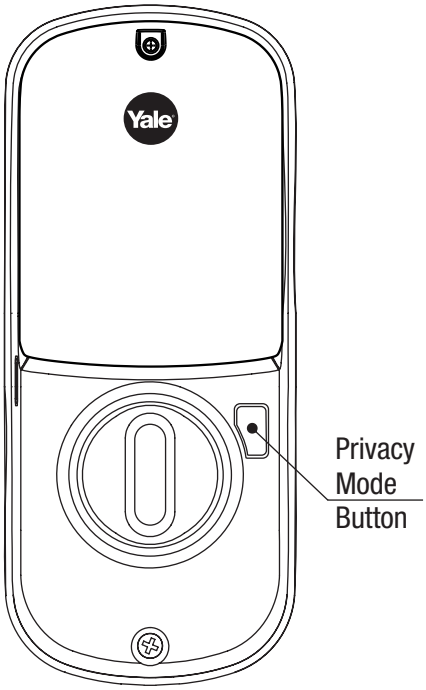
Congratulations, you've installed the Yale® Assure Lock®
Touchscreen Deadbolt (YRD226/YRD426)!
Continue with Programming Instructions to customize your product.

Programming Instructions

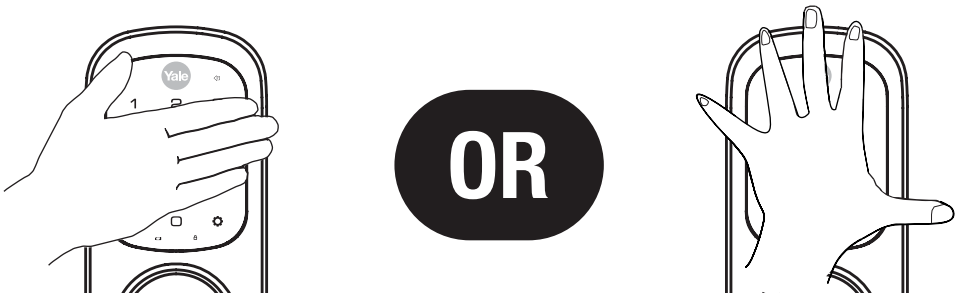
Exterior Escutcheon



Interior Escutcheon



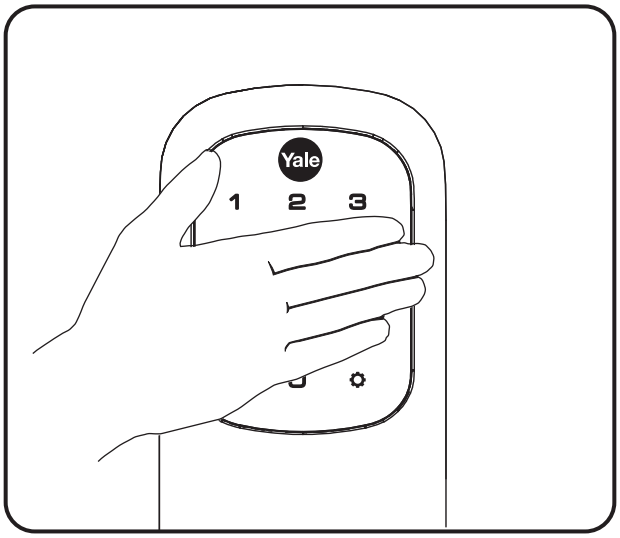
Lock Activation

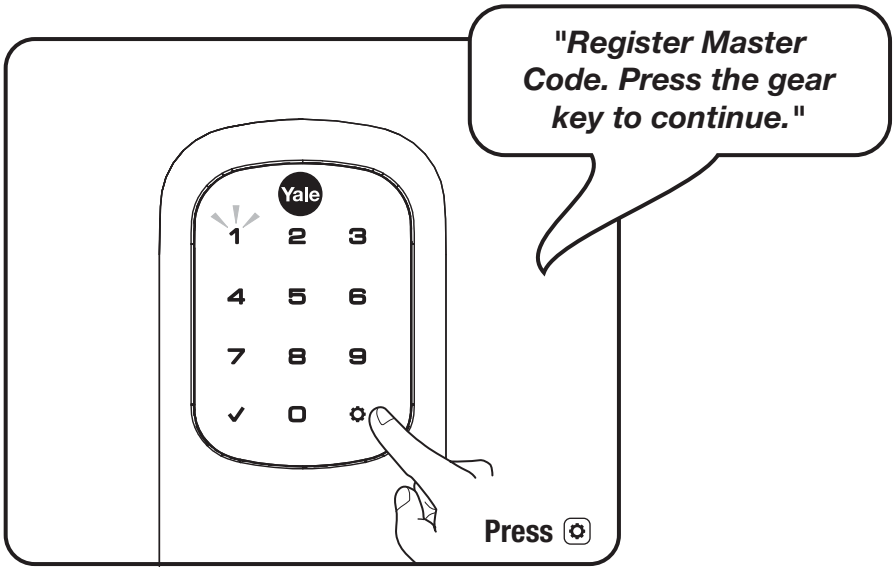


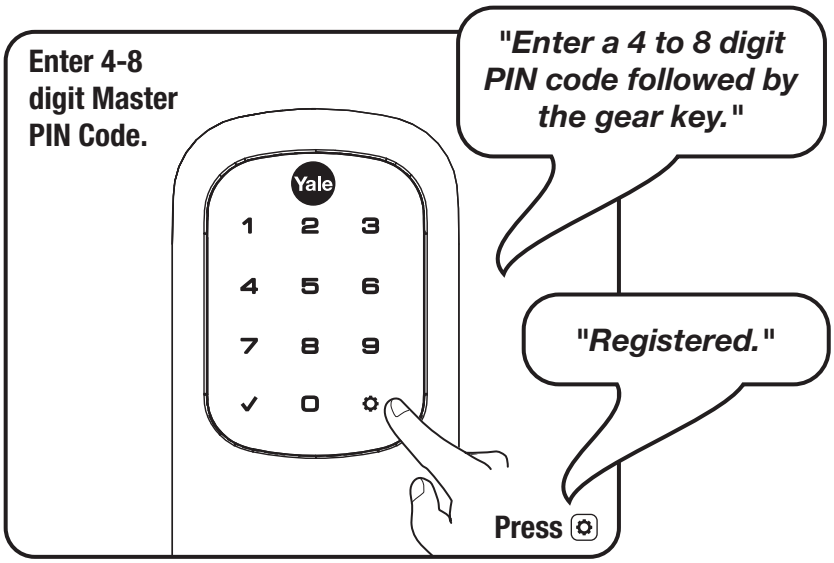
Master PIN Code must be created before any further programming.
Max User Codes = 250 with Z-Wave Plus or ZigBee network module
Max User Codes = 25 without network module or with iM1 network module
Nax User Codes = 12 with Bluetooth

1 Creating Master PIN Code

Creating a Master PIN Code must be performed upon installation or after resetting the lock to factory default. Programming and use of lock is not possible until this step has been successfully completed.



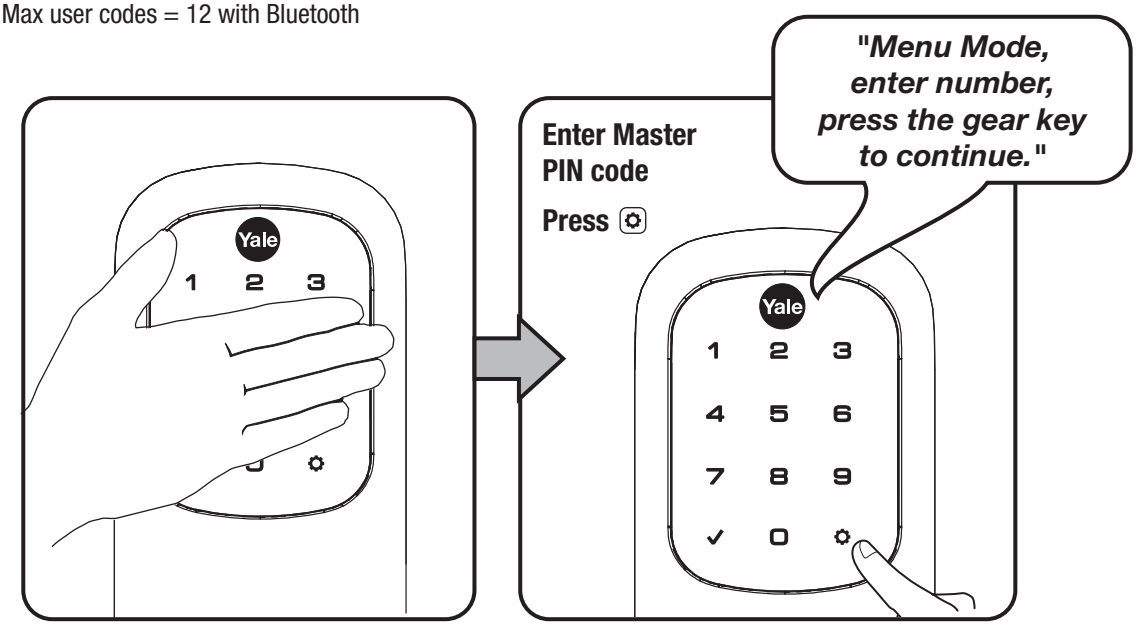


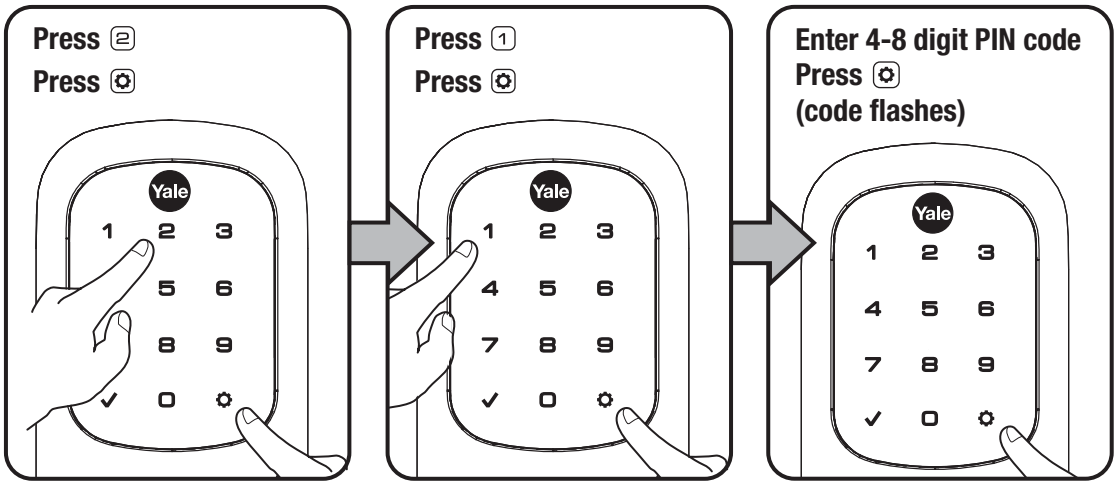


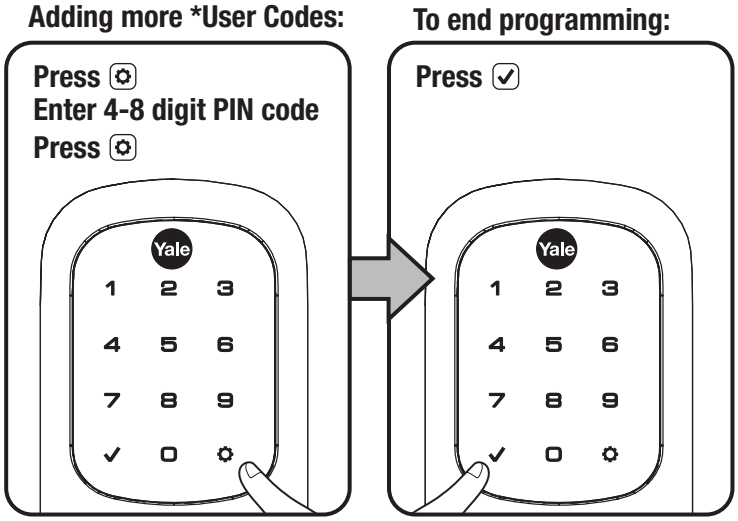
2 Creating User PIN Codes

Master PIN code must be created first.

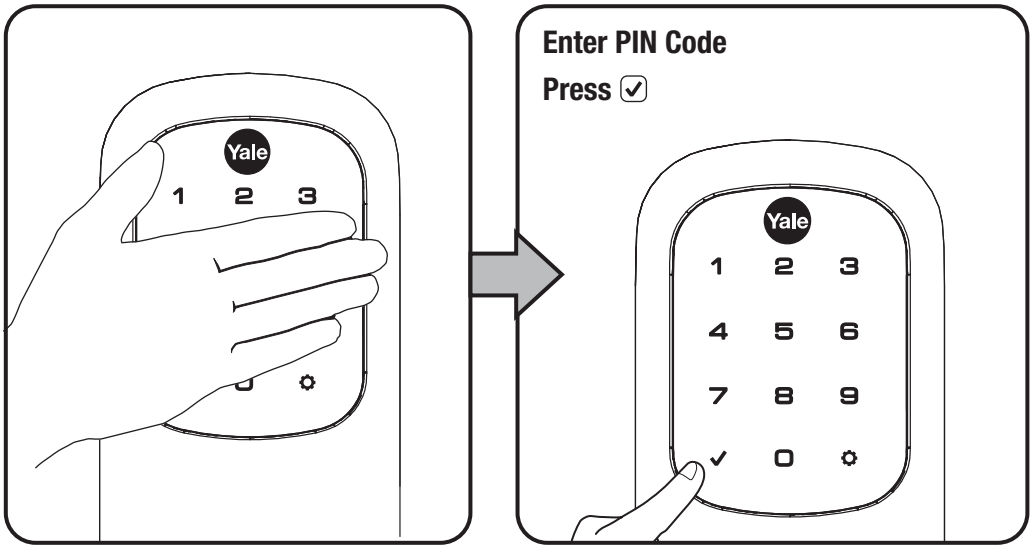
*Max user codes = 250 with Z-Wave Plus or ZigBee network module
Max user codes = 25 without network module or with iM1 network module
Max user codes = 12 with Bluetooth







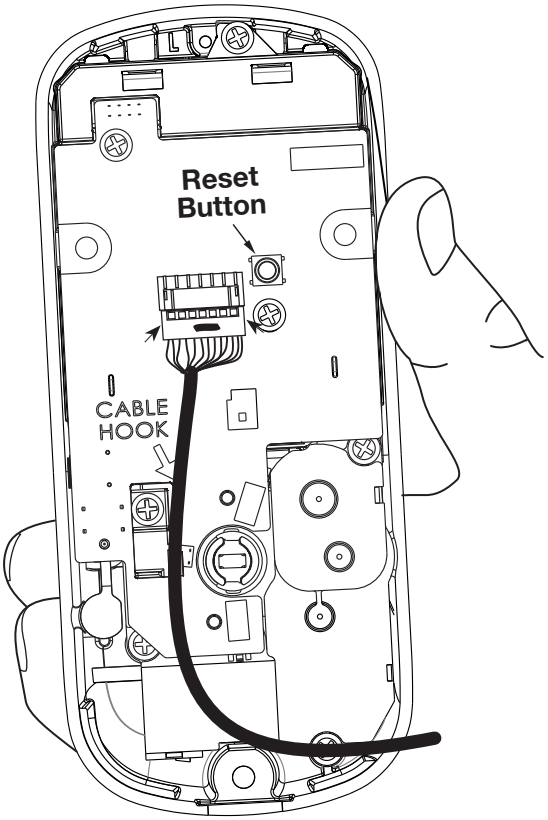
3 Unlocking Door with PIN Code



Code Chart Duplicate if necessary

PIN Code Management (With Network Module - Up to 250 Users)			
User Type	User Name	User #	PIN Code
Master			
User ___			
User ___			
User ___			
User ___			
User ___			
User ___			
User ___			
User ___			
User ___			
User ___			
User ___			
User ___			
User ___			
User ___			
User ___			
User ___			
User ___			

Resetting Lock to Factory Default



Interior Escutcheon

When lock is reset to factory defaults all user codes (including the Master PIN 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 escutcheon to access the reset button.
3. The reset button (see image at right) is located beside the PCB cable connector.
4. While pressing the reset button (minimum of 3 seconds) reinstall batteries. Release reset button.
5. Replace battery cover.

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

Factory Settings

Settings	Factory Setting
Master PIN Code	Registration ***required****
Automatic Re-lock	Disabled
Automatic Re-lock Time	30 Seconds
Escape Return Mode (Model YRD620 only)	Disabled
Inside Indicator Light	Disabled (Off)
Language Setting	English
Lockout Mode	Disabled
One Touch Locking	Enabled
Privacy Setting	Disabled
Shutdown Time	60 Seconds
Volume Setting	Enabled (Low)
Wrong Code Entry Limit	5 Times

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

Definitions

All Code Lockout Mode: This feature is enabled by the Master code. When enabled, it restricts all user (except Master) PIN code access. When attempting to enter a code while the unit is in Lockout, the RED locked padlock will appear on the screen.

Automatic Re-lock Time: 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: Located on the interior escutcheon. Shows active status (Locked) of lock and can be enabled or disabled in the **Advanced Lock Settings** (Main Menu selection #3).

Language Setting Mode: Choosing English (1), Spanish (2) or French (3) becomes the (default) setting for the lock's voice prompts.

Low Battery: When battery power is low, the Low Battery Warning indicator flashes RED. If battery power is completely lost, use the cylinder key override.

Master PIN Code: The Master PIN 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.

Network Module Setting: With the optional Network Module installed, this setting becomes available thru the Main Menu (7) and allows the lock to connect with a network controller.

One Touch Locking: When the latch is retracted, activating the keypad will extend the latch (during Automatic Re-lock duration or when Automatic Re-lock is disabled). When One-Touch Re-lock is **not** in use **(disabled),** any valid PIN code will re-lock the lock.

Previous: While in Menu Mode, pressing this icon cancels the current operation and returns the user to the previous step.

Privacy Mode: 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).

Shutdown Time: The unit will shutdown (flashing RED) for sixty (60) seconds and not allow operation after the wrong code entry limit (5 attempts) has been met.

Tamper Alert: Audible alarm sounds if attempting to forcibly remove outside lock from door.

User PIN Code: The user code operates the lock. The maximum number of user codes with Z-Wave Plus or ZigBee network module is 250; without network module or with iM1 network module, maximum is 25; with Bluetooth, maximum is 12. Note: When deleting user pin code(s), screen will display user pin code being deleted.

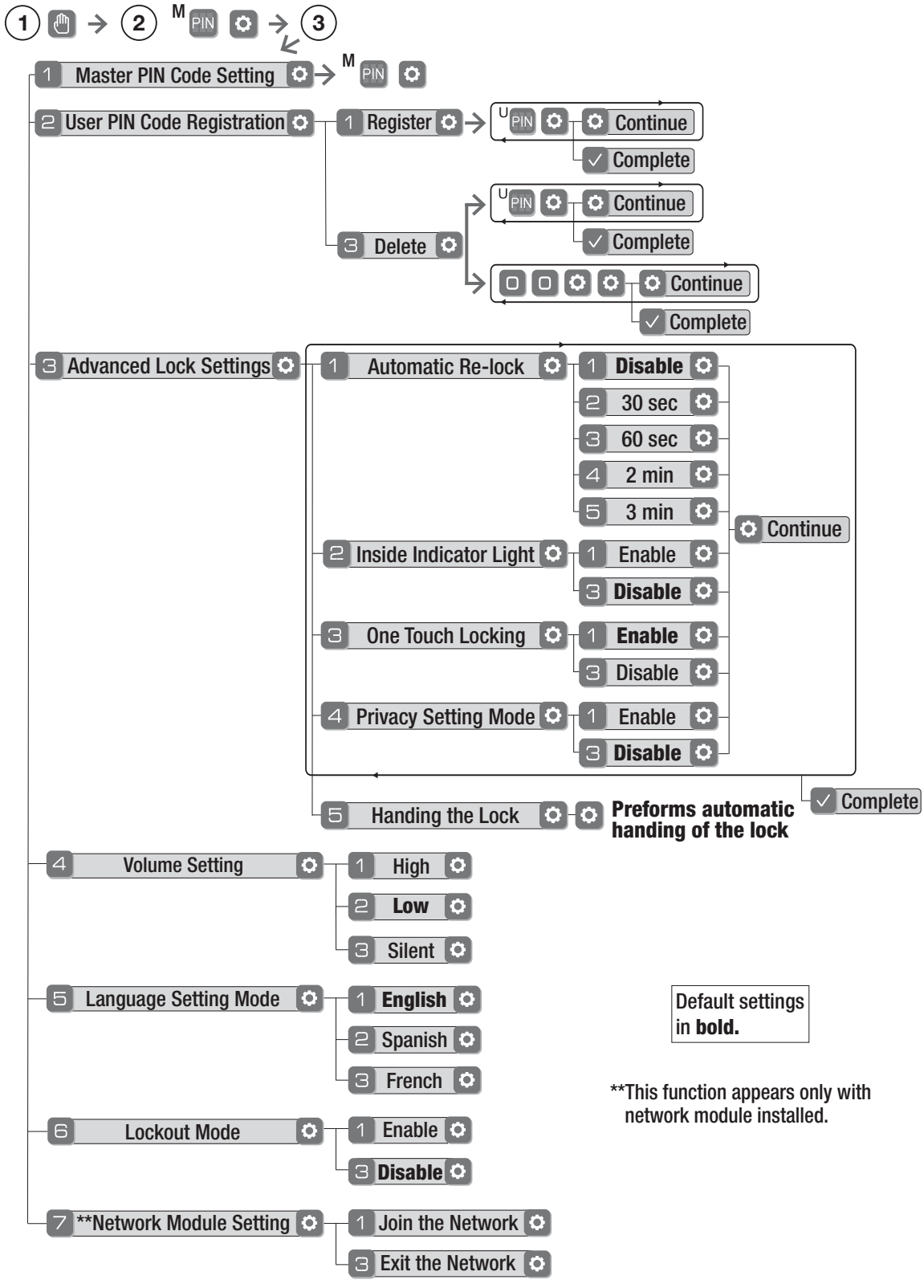
Volume Setting Mode: The volume setting for PIN code verification is set to **Low (2)** by default; otherwise it can be set to **High (1)** or **Silent (3)** for quiet areas.

Wrong Code Entry Limit: After five (5) unsuccessful attempts at entering a valid PIN code, the unit will shut down and not allow operation for sixty (60) seconds.

Model YRD226 Feature Programming Through Menu Mode Using Master PIN code*

1. Touch screen with back of hand or palm to activate.
2. Enter 4-8 digit master PIN code* followed by ⚙ key.
   Lock Response: "Menu mode, enter number, press ⚙ key to continue."
3. Enter digit corresponding to the function to be performed followed by the ⚙ key.
   Follow the voice commands.

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



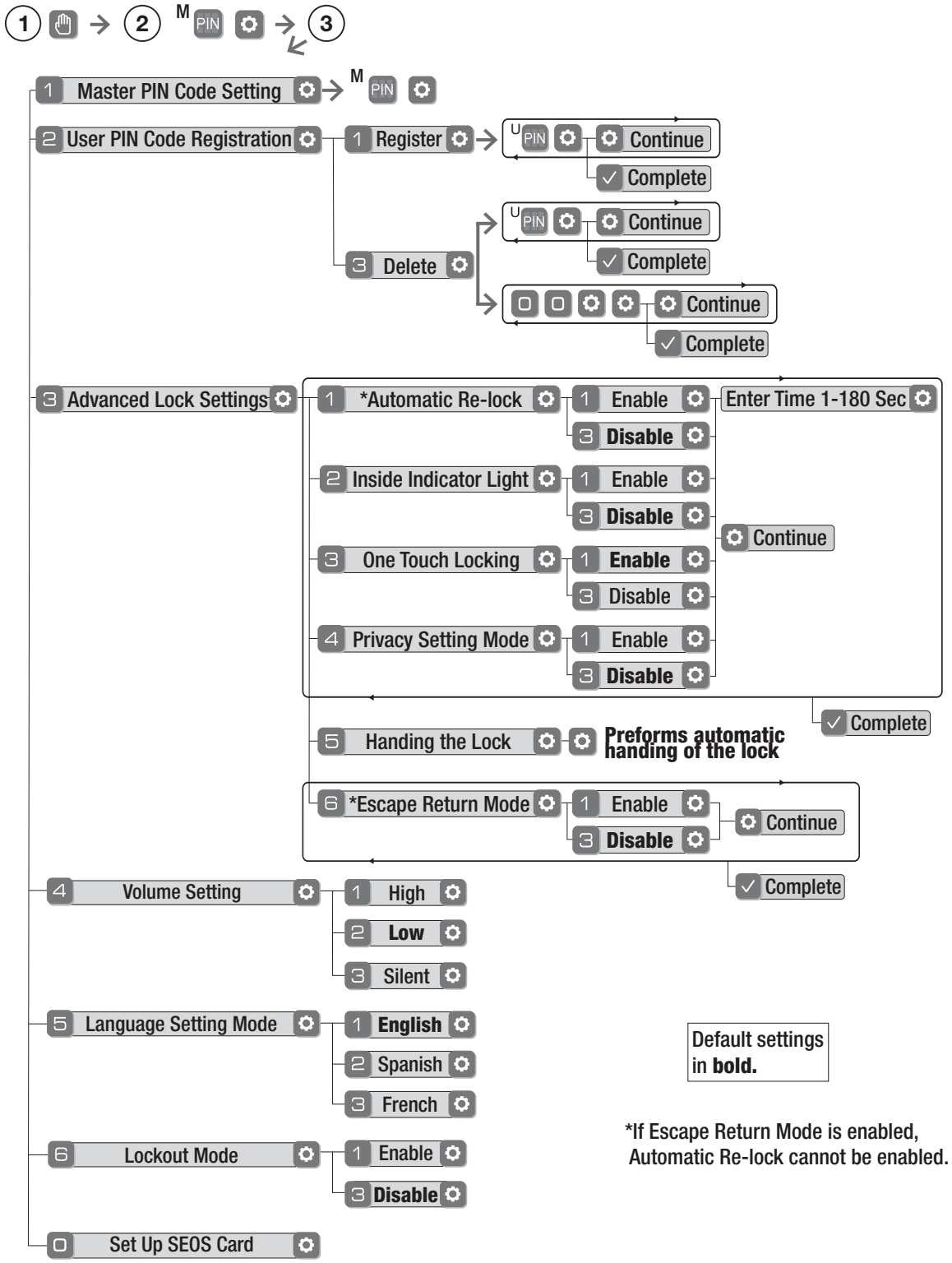
Default settings in **bold.**

**This function appears only with network module installed.

Model YRD620 Feature Programming Through Menu Mode Using Master PIN code*

1. Touch screen with back of hand or palm to activate.
2. Enter 4-8 digit master PIN code* followed by key.
   Lock Response: "Menu mode, enter number, press key to continue."
3. Enter digit corresponding to the function to be performed followed by the key.
   Follow the voice commands.

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



Default settings in **bold.**

*If Escape Return Mode is enabled, Automatic Re-lock cannot be enabled.

Programming Troubleshooting

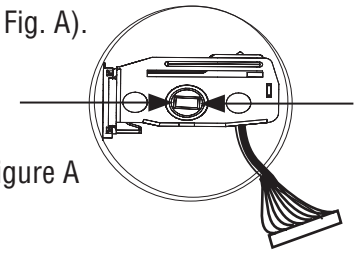
Symptom	Suggested Action
Lock does not respond – door is open and accessible.	• Touchscreen becomes active when pressed w/whole hand. Use a larger area of the hand or fingers and verify contact with at least 3 areas. • If touchscreen numbers are visible, check to see if they respond when pressed. • Check batteries are installed and oriented correctly (polarity) in the battery case. • Check batteries are in good condition; replace batteries* if discharged. • Check to see if touchscreen harness is fully connected and not pinched.
Lock does not respond – door is locked and inaccessible.	• Batteries may be completely discharged. • Use mechanical key to gain entry and replace batteries*.
Unit is on for a while then shows no reaction. Lights dim.	• Batteries do not have enough power. Replace batteries*.
Unit chimes to indicate code acceptance, but the door will not open.	• Check the door gaps for any foreign objects between door and frame. • Check that the wire harness is firmly connected to the PCB.
Unit operates to allow access, but will not automatically re-lock.	• Check to see if Auto Re-lock Mode is enabled. • Disable Auto Re-lock Mode to lock the door (automatically). • If low battery indicator is lit (see below), change batteries*.
PIN codes will not register.	• PIN codes must consist of 4 to 8 digits to register. • The same PIN code cannot be used for multiple users. • Registration/management of PIN codes is set by the authority of the Master Code, which is set first. • Contact the Master user. • User codes must be entered within 5 seconds (while touchscreen is active) or process will have to be restarted. • Check ✓ or gear ⚙ cannot be used as part of the PIN code.
Upon entering a PIN code and pressing ✓ key, the unit displays "invalid code" error or lock times out without responding.	• Lockout Mode is enabled. • Only the Master can enable/disable Lockout Mode. • Contact the Master user.
Upon entering a PIN code and pressing the ✓ key, the red padlock icon appears and there are different tones.	• Check to see if the lock is set to Lockout Mode. • Setting/managing Lockout Mode is done through Master Code only. Contact the Master user.
The unit operates, but it makes no sound.	• Check to see if Silent Mode is enabled (see Feature #4).
The unit responds "Low Battery"	• This is the alert to replace the batteries. Replace all four (4) batteries* with new AA Alkaline batteries.
Upon entering a PIN code and pressing the ✓ key, the unit responds "Wrong number of digits".	• The digits entered were incorrect or incomplete. Re-enter the correct code followed by the check ✓ key.

* When batteries are replaced, Network 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).

** Network Module locks only

Hardware Troubleshooting

Cycle lock in both the locked and unlocked positions. If problems are found:

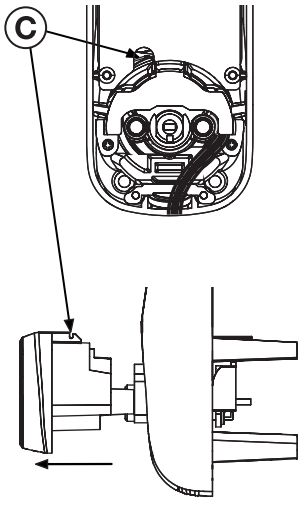
Door is binding a. Check that door and frame are properly aligned and door is free swinging. b. Check hinges: They should not be loose or have excessive wear on knuckles.
Bolt will not deadlock a. Check for sufficient clearance of the bolt within the strike-side jamb. Correct this by increasing the depth of the pocket for the bolt. b. Check for misalignment of bolt and/or strike which may be preventing bolt from properly entering the strike. With the door open, extend and retract the bolt; if it is smooth, check the strike alignment.
Bolt does not extend or retract smoothly a. Bolt and strike are misaligned, see above. b. Check the backset of door relative to adjustments already made to bolt. c. Verify proper door preparation and re-bore holes that are too small or misaligned. d. Verify keypad wire harness is routed under the bolt (see Fig. A). e. Verify bolt is installed with correct side up (Fig. A). Figure A 
Keypad numerics are scrolling Remove interior escutcheon and check to ensure that the wire harness lies flat against the back recessed area and is properly routed along the side of the escutcheon and tucked under the plastic cable guide.

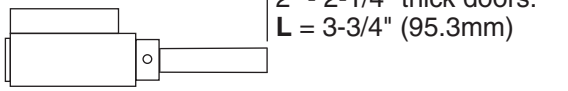
Changing Lock: Replacing Cylinder

1. To Remove cylinder:
   A. Remove outside escutcheon 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 towards outside of door.

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

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

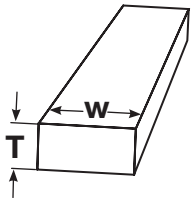




1-3/8"* - 2" thick doors:
L = 3-1/2" (88.8mm)

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

**Requires addition of Thin Door Kit.*



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

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 Security Inc.** 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 Locks & Hardware

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