

Yale Locks

YRC226/246/256 Z-Wave+ System Integrators Guide

Yale Assure Deadbolt Lock

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Contents

Yale Z-Wave+ Product Info 3

Supported Command Classes 3

Association Table 3

Notifications Table 4

Configurable Parameters 6

Yale Z-Wave+ Product Info

Manufacturer ID: Assa Abloy (0x0129)

Z-Wave Device Type: Door Lock Keypad

Z-Wave Role Type: Listening Sleeping Slave (LSS)

Product ID: 0x0600

Product Type ID:

0x8002 – YRC226-ZW2/YRC246-ZW2/YRC256-ZW2 (Touch Screen Deadbolt)

Supported Command Classes

Command Class Z-Wave+ Info

Command Class Manufacturer Specific

Command Class Security

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 Association*

Command Class Association Group Info*

Command Class Notification*

Command Class Configuration*

Command Class Firmware Update Md*

* Command Class Requires Security

Association Table

Group ID	Maximum Nodes	Description	Commands
1	1	Lifeline	Command_Class_Battery, Battery_Report ; Command_Class_Notification, Notification_Report; Command_Class_Configuration, Configuration_Report; Command_Class_Device_reset_locally, Device_Reset_locally_notification

Notifications Table

<u>Alarm Reports</u>	<u>Alarm type</u>	<u>Alarm Level</u>	<u>Description</u>
Master Code changed.	0x70	0x00	Master code was changed at keypad
		0xFB	Master code was changed over RF
User added		0x(01-max users)	User added. Alarm level = user slot number
User deleted	0x21	0x(01-max users)	User was deleted. Alarm level = user slot number
Tamper Alarm	0xA1	0x01	keypad attempts exceed code entry limit
		0x02	front escutcheon removed from main
RF Operate Unlock	0x19	0x01	by RF module
Manual Unlock	0x16	0x01	By key cylinder or inside thumb turn
Keypad Unlock	0x13	0x(01-max users)	Where Alarm level represents user slot number (0xFB = Master Code)
Manual Lock	0x15	0x01	by key cylinder or inside thumb-turn
		0x02	by touch function (lock and leave)
		0x03	By inside button
RF Operate Lock	0x18	0x01	by RF module
Keypad Lock	0x12	0x (01 - max users)	Where Alarm level represents user slot number
Non Access	0x26	0x(01-max users)	A Non Access Code was entered at the lock. Where alarm level represents user slot number
Deadbolt Jammed	0x09	0x01	Deadbolt jammed while locking
		0x02	Deadbolt jammed while unlocking
Low Battery Alarms**	0xA9	0x (Current %)	Too Low to operate (Starting at 3.8V)
	0xA8	0x (Current %)	Critical Battery Level (Starting at 3.9V)
	0xA7	0x (Current %)	Low Battery (Starting at 4.2V)
Auto Lock Operate Locked	0x1B	0x01	Auto re-lock cycle complete, locked.
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 0x00 alarm report.

RF Module Power Cycled	0x82	0x00	Power to RFM was restored, sent by RF module. The lock doesn't send any alarm to the RF module when power is cycled.
Disabled user entered at keypad	0x83	0x(01-max users)	A disabled user pin code was entered at the keypad
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.
Daily Repeating Schedule Set/Erased	0x60	0x(01-max users)	Schedule(s) has been set/erased for specified user ID
Daily Repeating Schedule Enabled/Disabled	0x61	0x(01-max users)	Schedule(s) has been enabled/disabled for specified user ID
Year Day Schedule Set/Erased	0x62	0x(01-max users)	Schedule(s) has been set/erased for specified user ID
Year Day Schedule Enabled/Disabled	0x63	0x(01-max users)	Schedule(s) has been enabled/disabled for specified user ID
All Schedule Types Erased	0x64	0x(01-max users)	Schedule(s) has been set/erased for specified user ID
All Schedule Types Enabled/Disabled	0x65	0x(01-max users)	Schedule(s) has been enable/disabled for specified user ID

** - The Yale Assure Deadbolt locks 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.

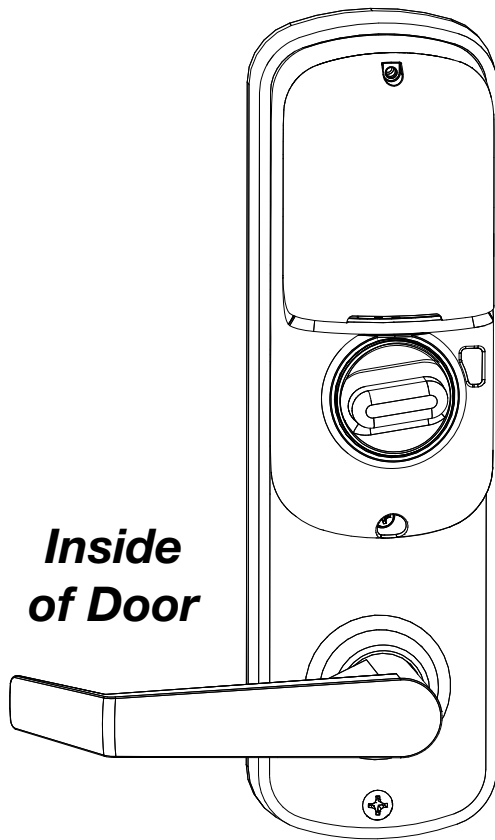
Configurable Parameters

<u>Configuration Parameters</u>	<u>Parameter Number</u>	<u>Size</u>	<u>Description</u>
Silent mode on/off	1	1 byte	Level control, 1 = High Volume, 2 = Low Volume, 3 = Silent. Default is 2 or Low Volume
Auto Relock on/off	2	1 byte	0x00 = OFF, 0xFF = ON default is 0x00 or OFF
Auto Relock time	3	1 byte	10 to 180 seconds default is 30 seconds
Wrong Code Entry Limit	4	1 byte	3 to 10 default is 5 times
Language	5	1 byte	1=English, 2=Spanish, 3=French default is 1= English
Shut down time (after wrong code entries)	7	1 byte	10 to 180 seconds default is 60 seconds
operating mode	8	1 byte	00 = normal mode (this is the default mode) 01 = vacation mode, keypad lockout 02= privacy mode, no keypad. RF Unlock will work
One Touch Locking	11	1 byte	0x00 = OFF, 0xFF = ON default is 0xFF or ON.
Privacy Button	12	1 byte	0x00 = OFF, 0xFF = ON default is 0x00 or OFF
Lock Status LED	13	1 byte	0x00 = OFF, 0xFF = ON default is 0x00 or OFF.
Reset To Factory Defaults	15	1 byte	01 = Lock will execute Reset To Factory. No default value

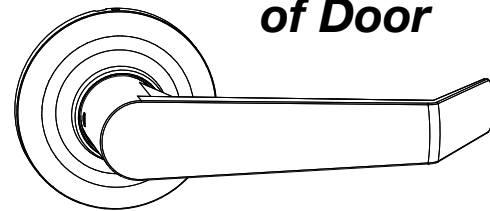
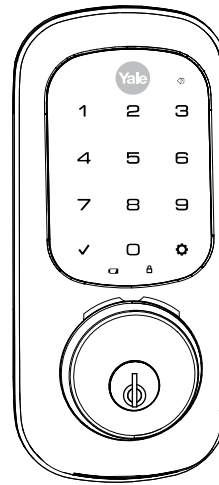


Yale
real Living

Yale® Assure Lock®
Electronic Interconnected Touchscreen
Installation and Programming Instructions
(YRC226/YRC426/YRC620)



**Inside
of Door**



**Outside
of Door**

4" Touchscreen Shown - 5.5" Available

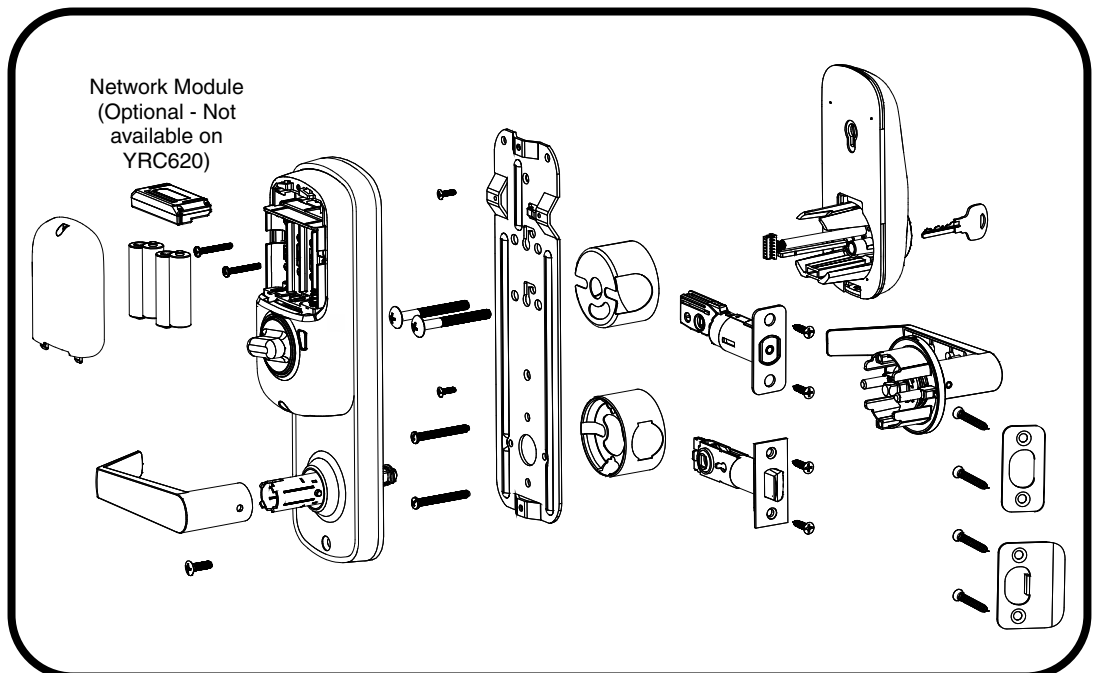
Before you begin >>>

**DOWNLOAD
THE BILT APP**

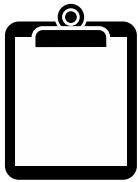
for step-by-step installation
instructions & to register
your product

BILT.

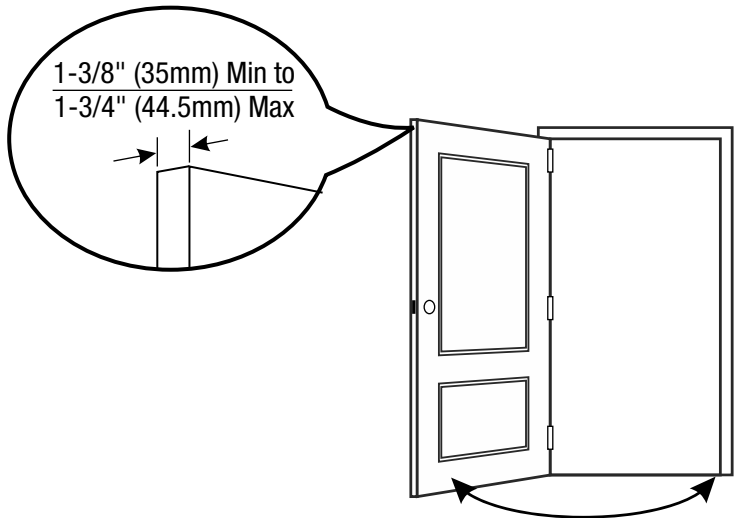
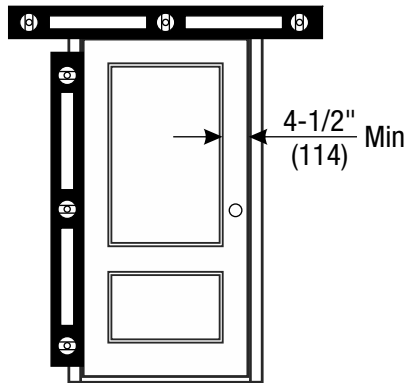
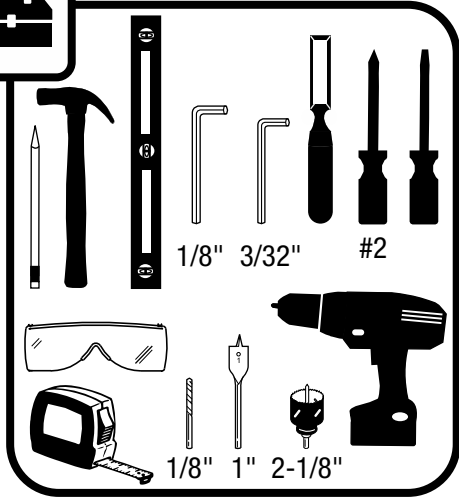
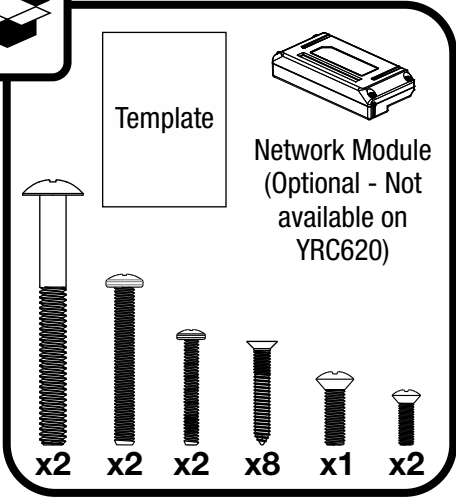
Download on the App Store | GET IT ON Google Play

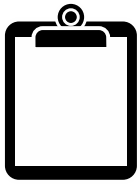


Retrofitting or modifying this product may impact fire rating, safety features and warranty.
Consult with code specifications to ensure compliance with all codes and ratings.



Before You Begin

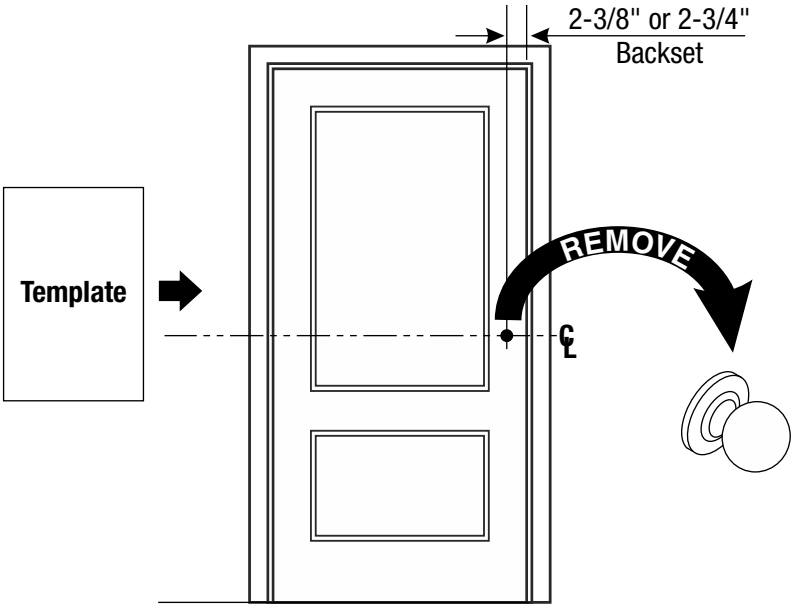




Mark Door Reference Lines

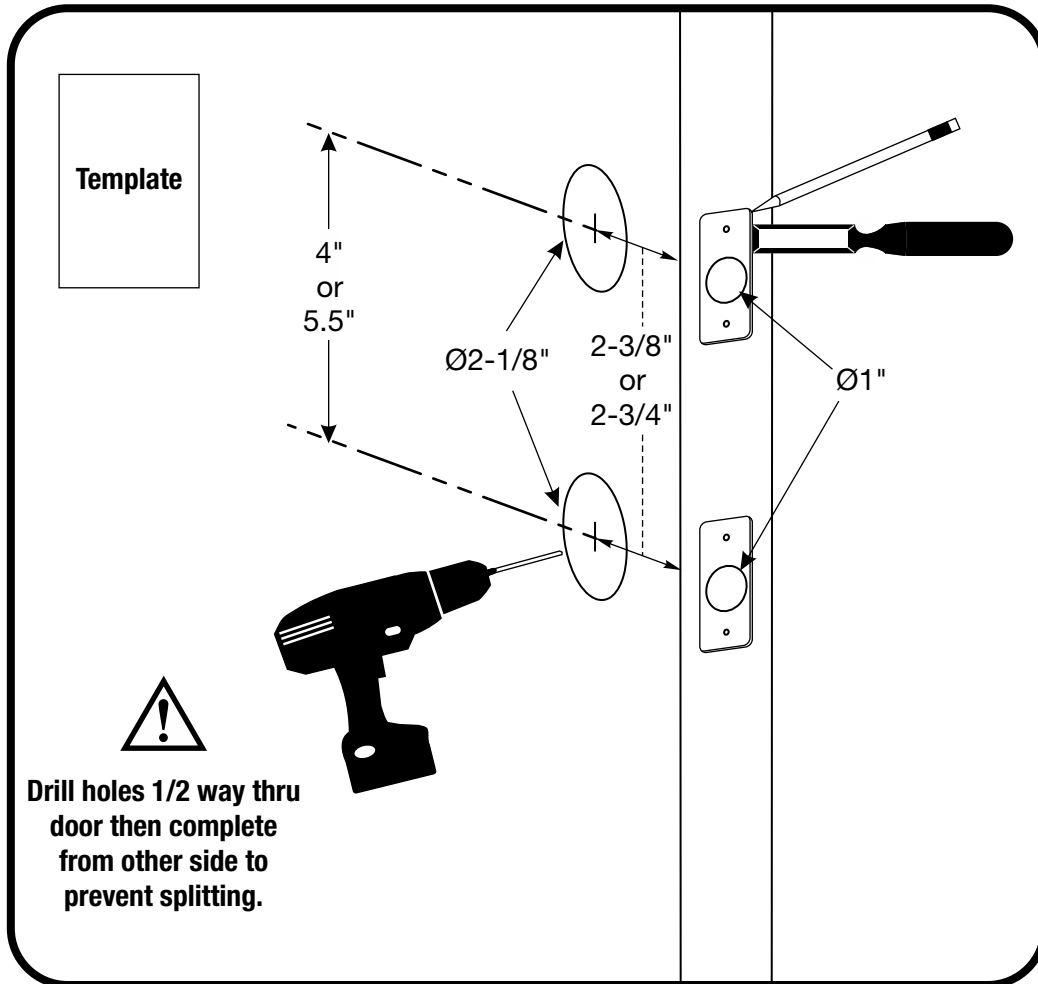


EXISTING



1

Preparing Door *(if necessary)*



2

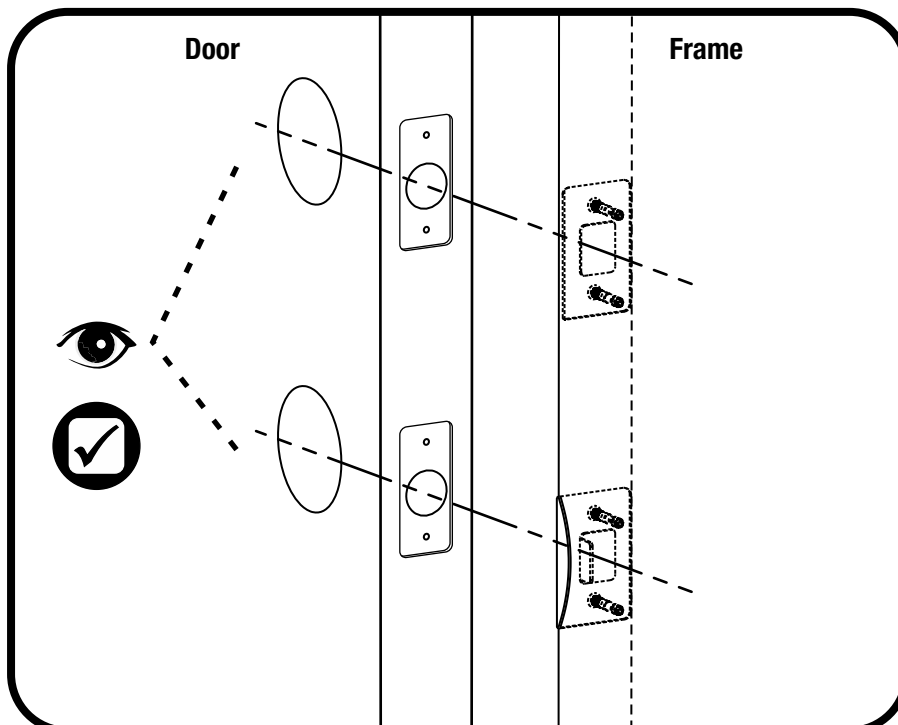
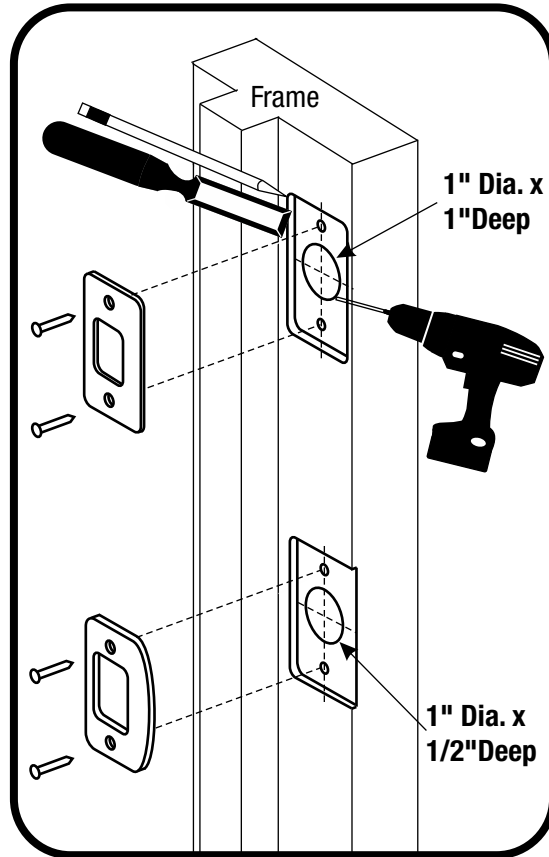
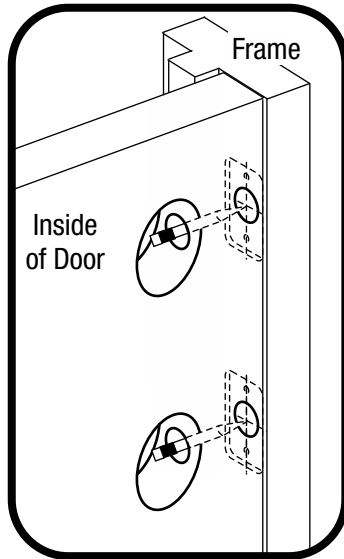
Installing Strike Plates

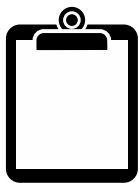


7-16 / 8-32 x 1" UNCWS



x4

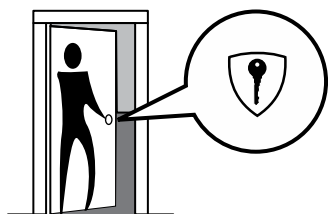




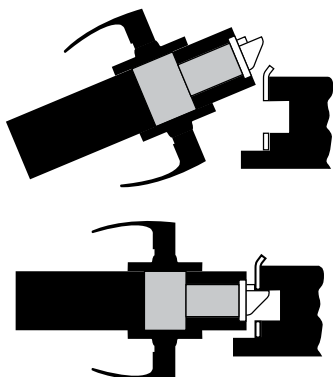
Determining Handing



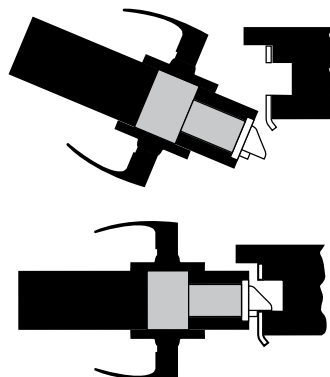
The hand of a door is determined from the secure side of the door. The term "secure" means the side from which you initially unlock and enter.



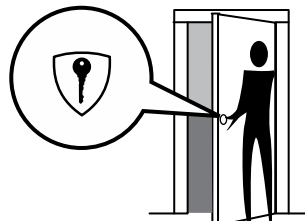
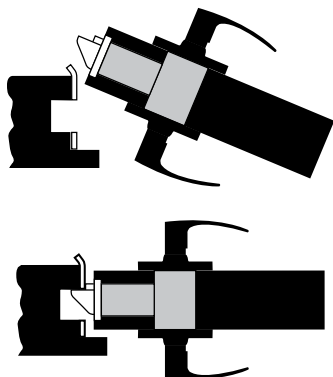
Left Hand "LH", Hinges Left.
Open Inward.



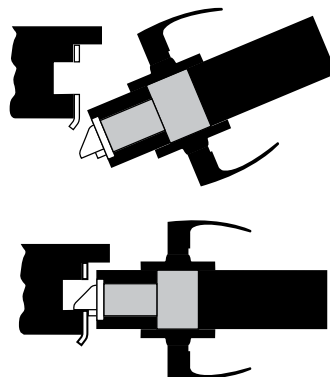
Left Hand Reverse "LHR", Hinges Left.
Open Outward.



Right Hand "RH", Hinges Right.
Open Inward.



Right Hand Reverse "RHR", Hinges Right.
Open Outward.



3

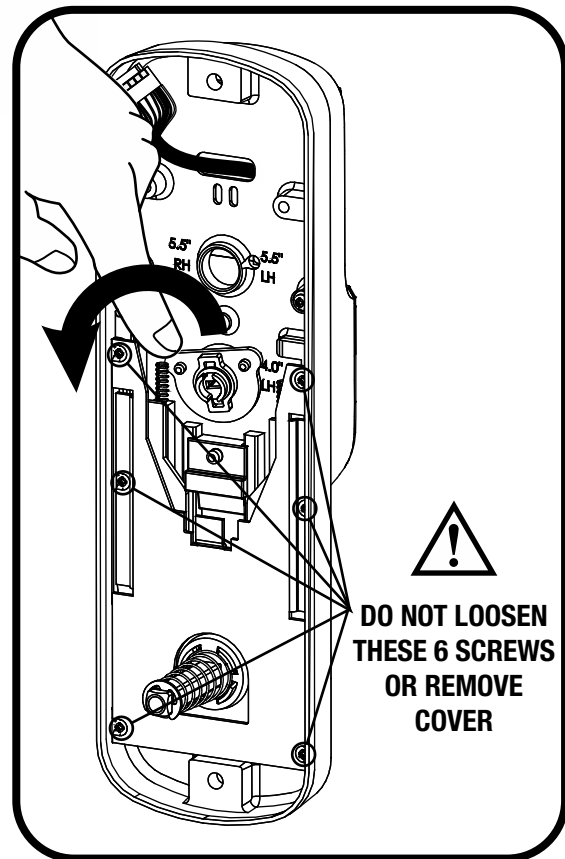
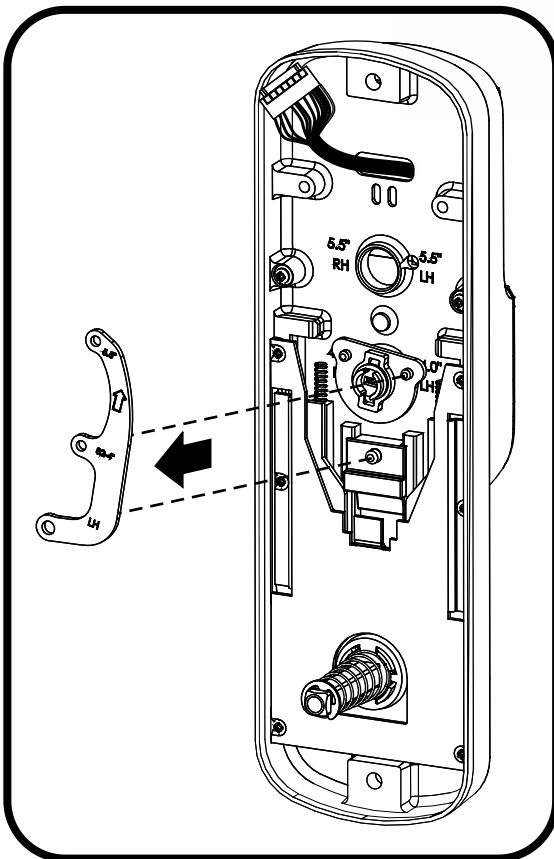
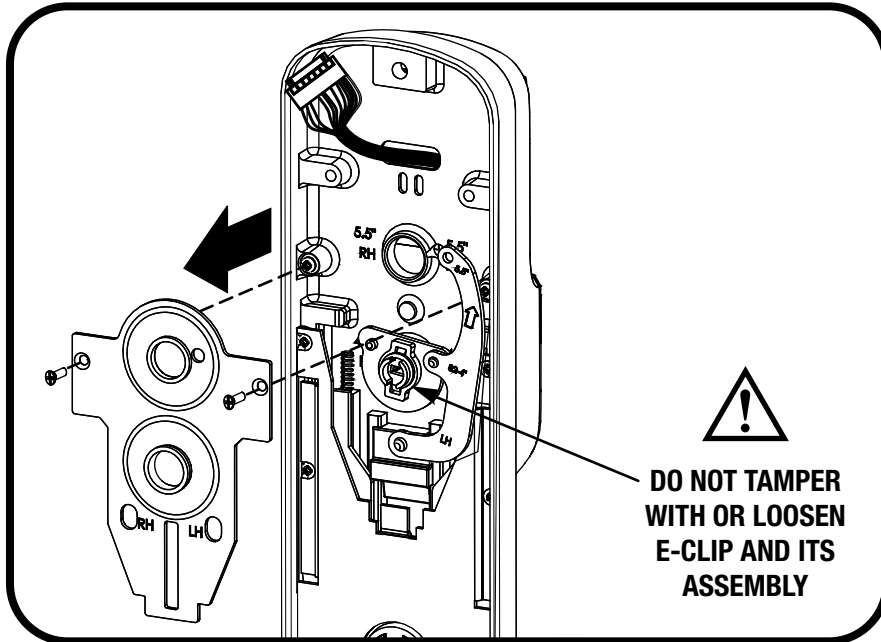
Changing Handing *(if necessary)*

4" Left Hand to 4" Right Hand Shown

4-24 x 1/4" PPHMS

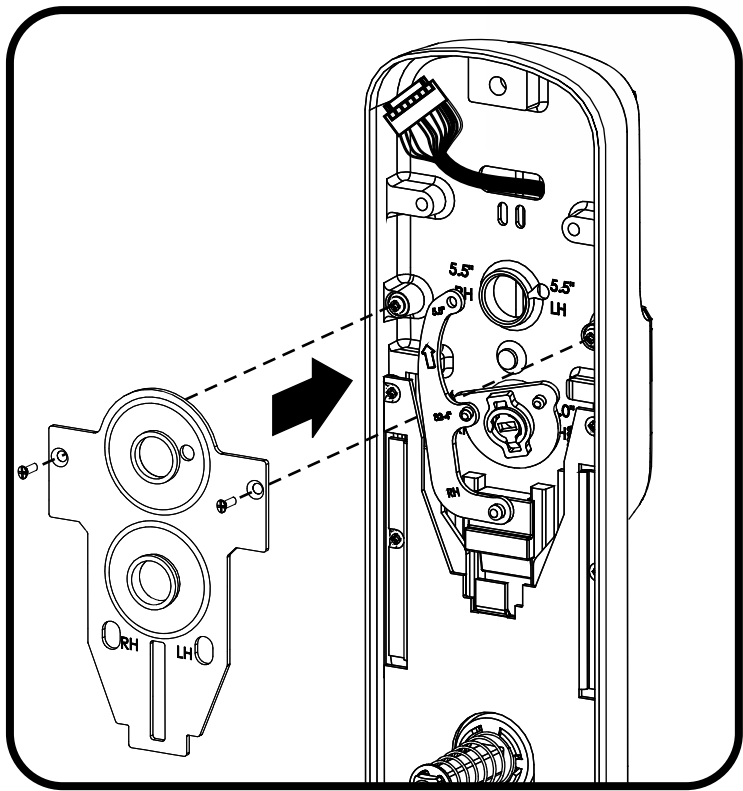
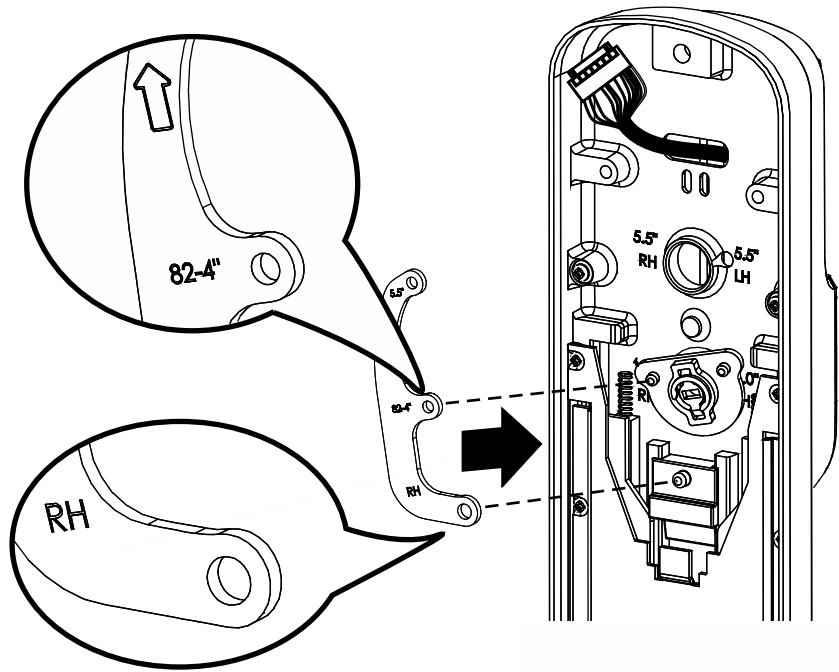


x2



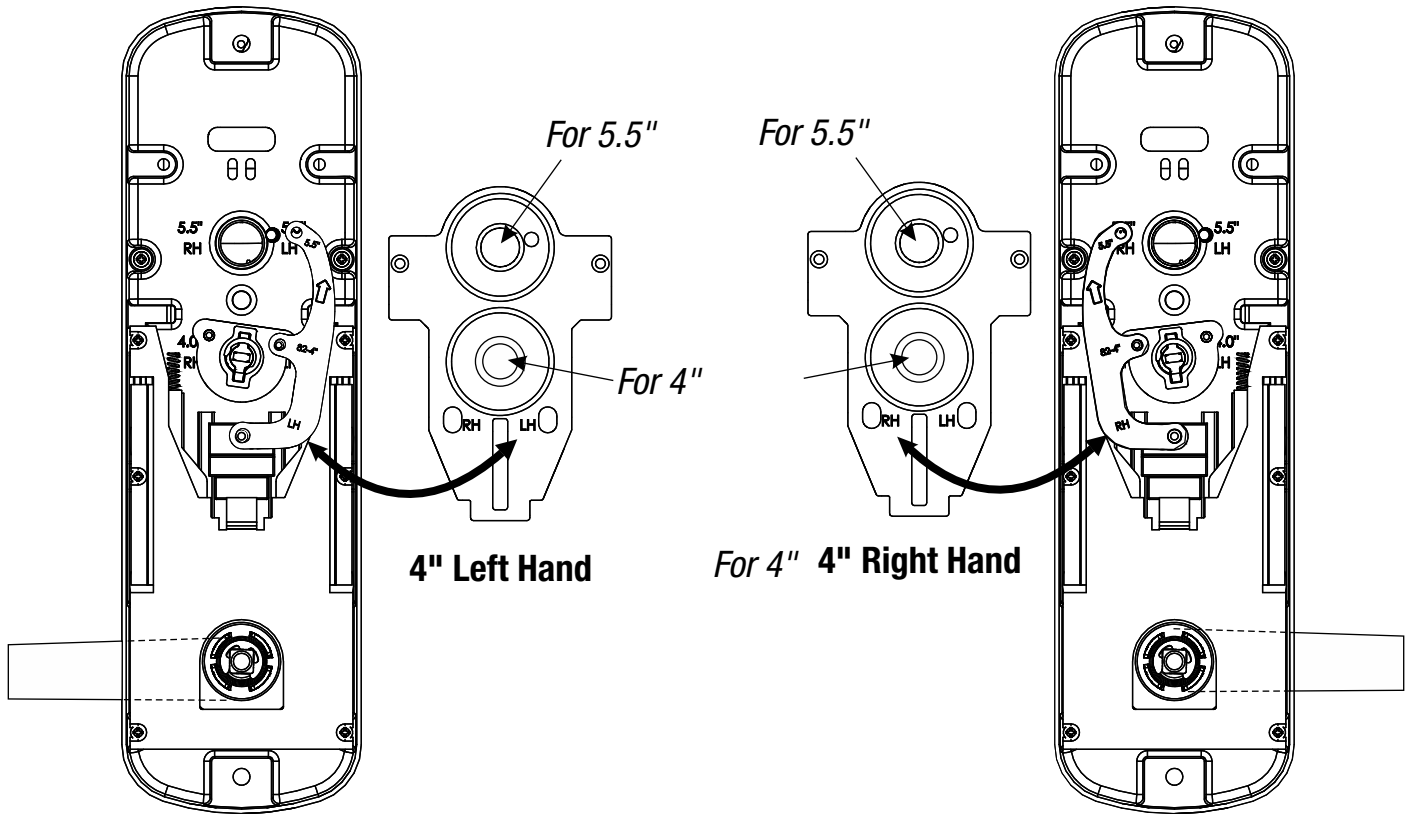


Changing Handing *(if necessary)* continued





Lockset Handing Configurations

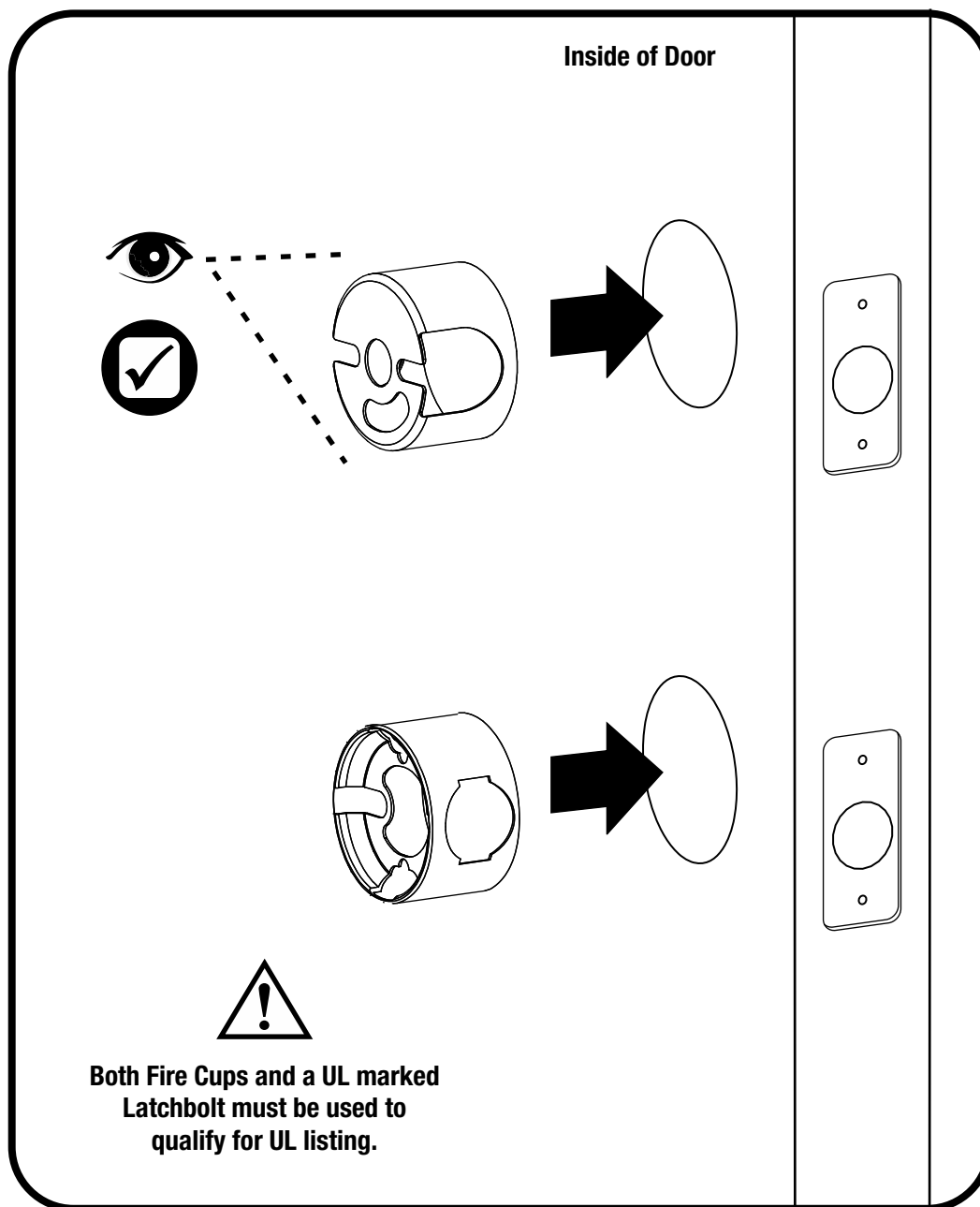


Test Lever and Thumbturn

After handing is changed, check that lever and thumbturn rotate freely.

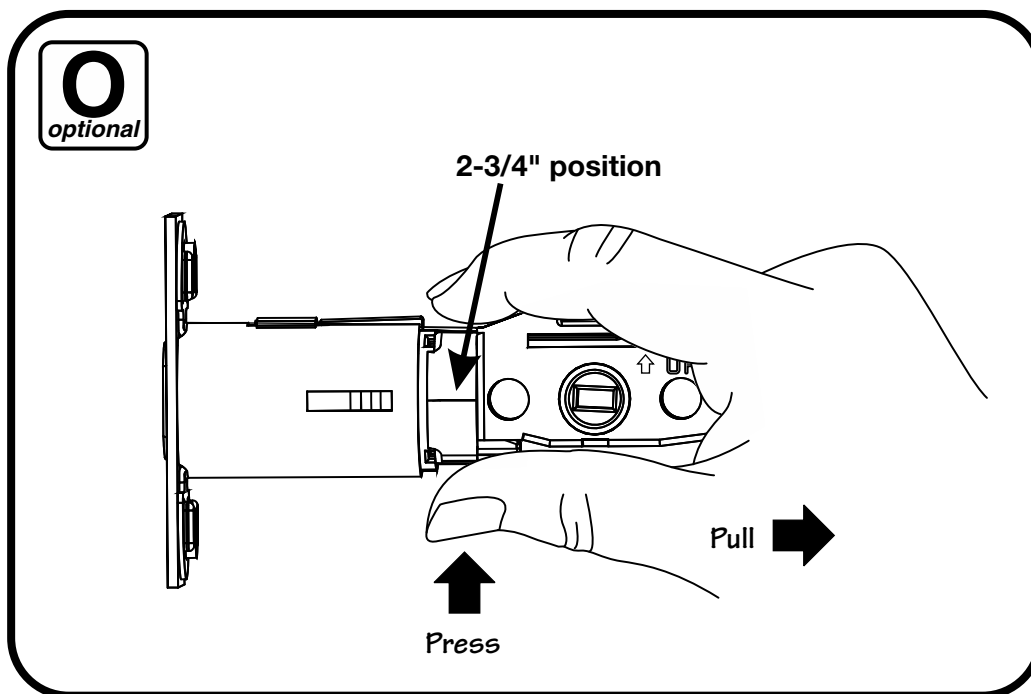
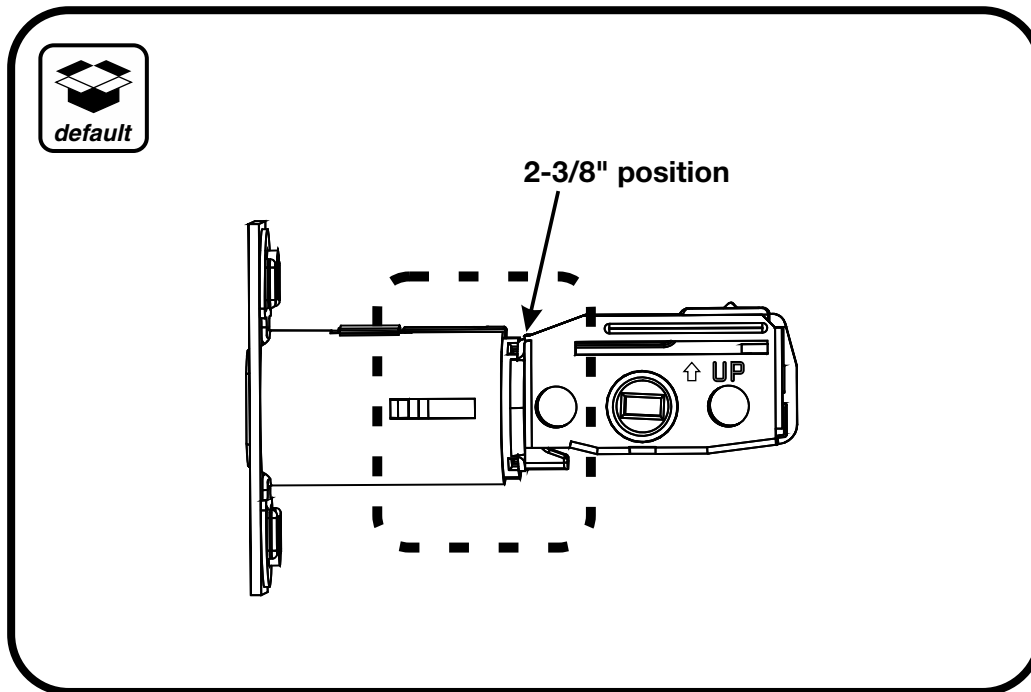
4

Installing Fire Cups



5

Adjusting Deadbolt Latch (If adjustable deadbolt latch provided)



6

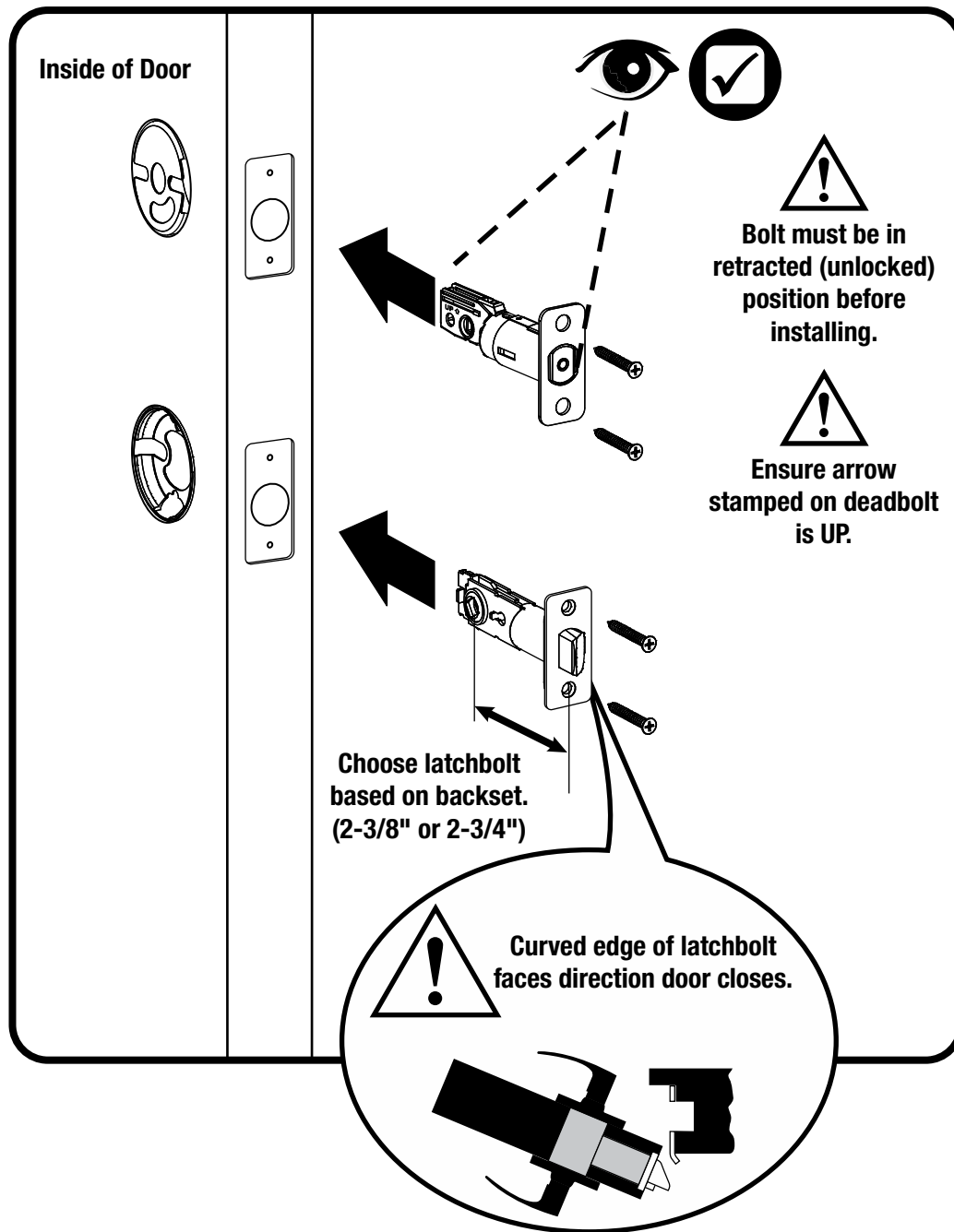
Installing Deadbolt Latch & Latchbolt



7-16 / 8-32 x 1" UNCWS

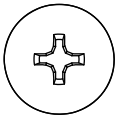


x4

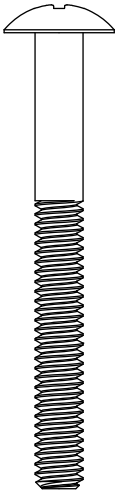


7

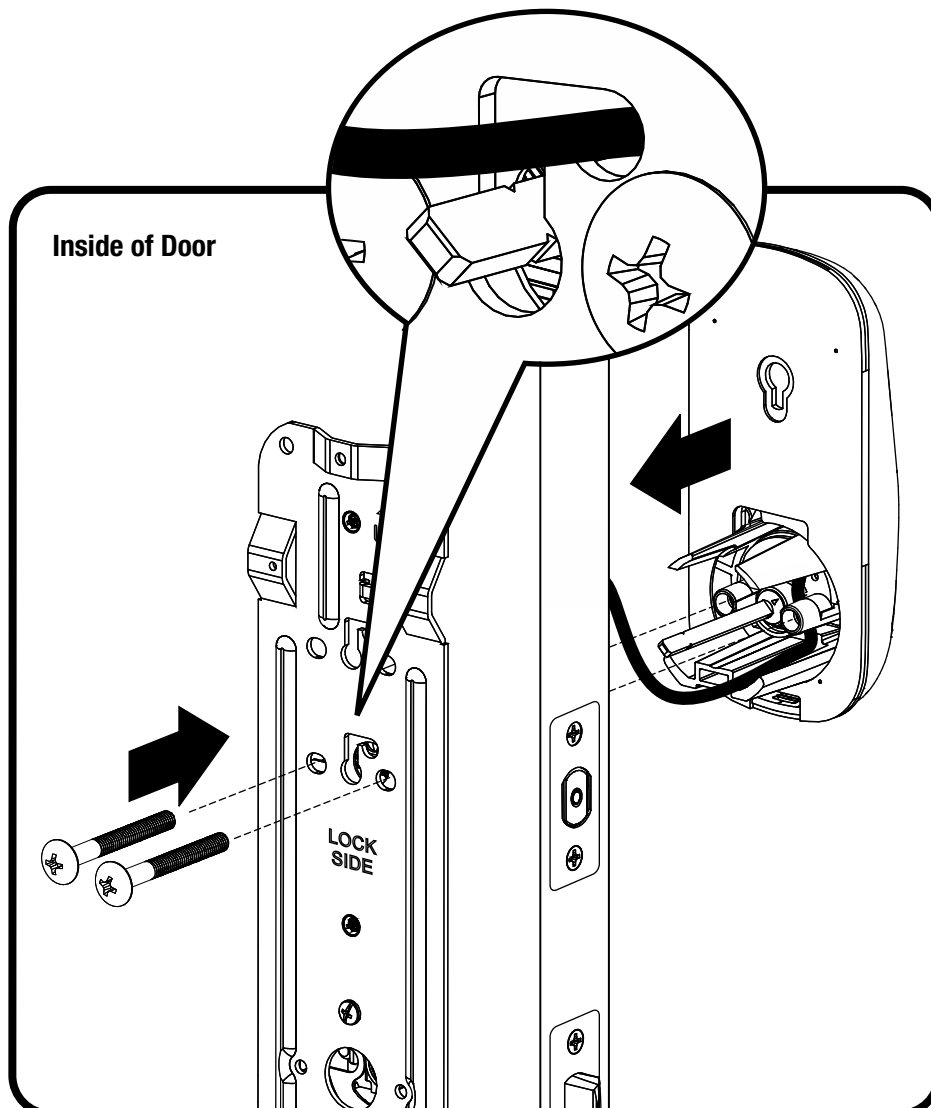
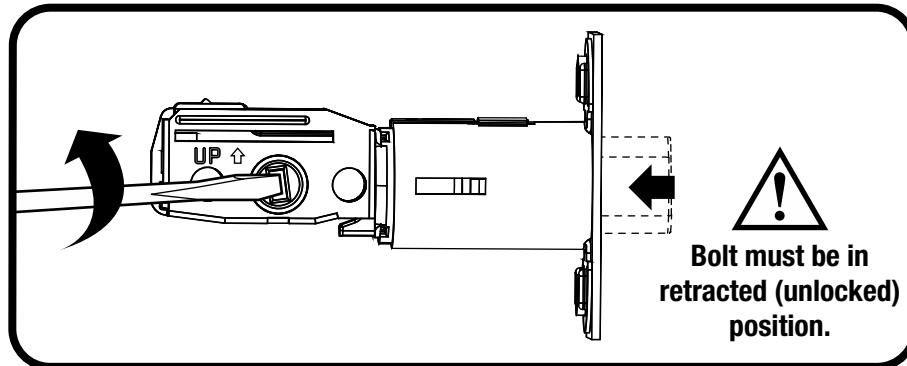
Installing Exterior Deadbolt



M6x55 PPHMS



x2



8

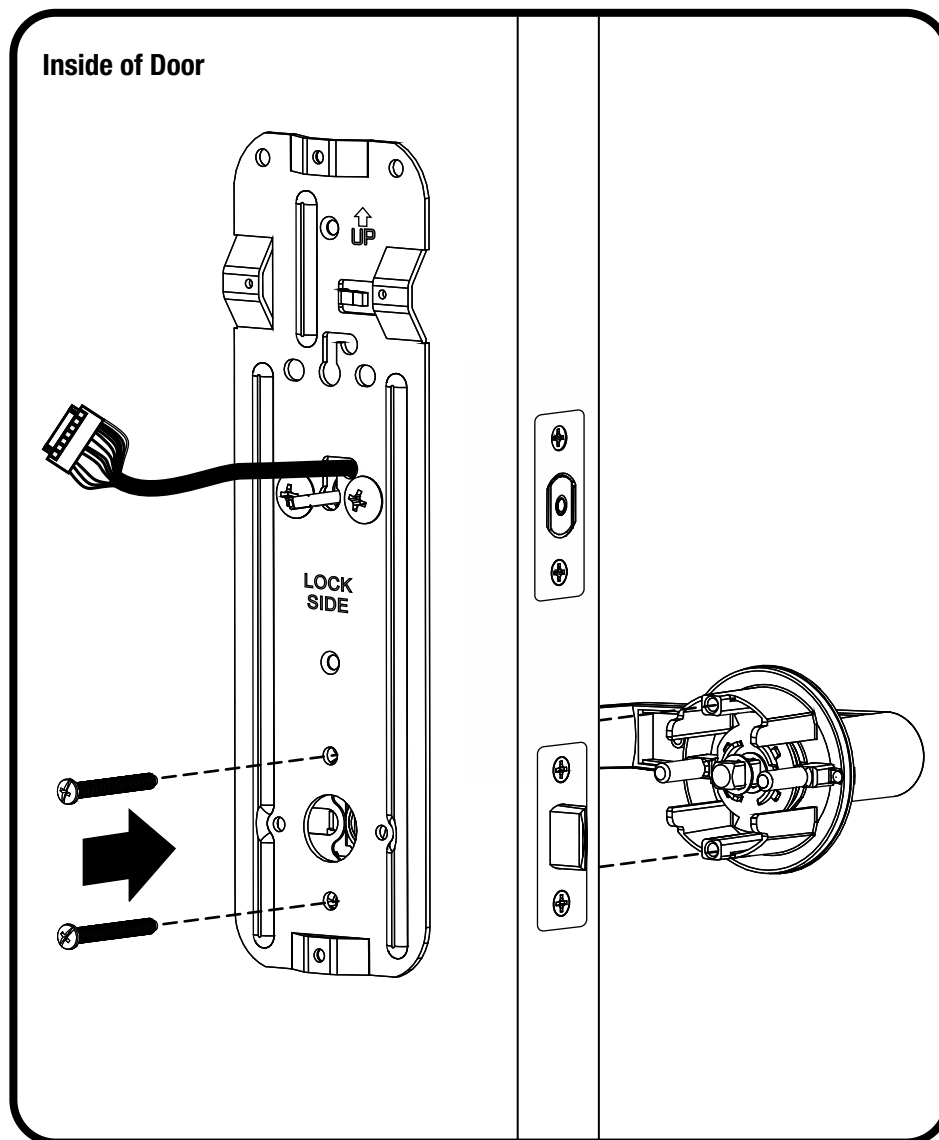
Installing Lock Chassis



10-32 x 1-1/2" PPHMS



x2



9

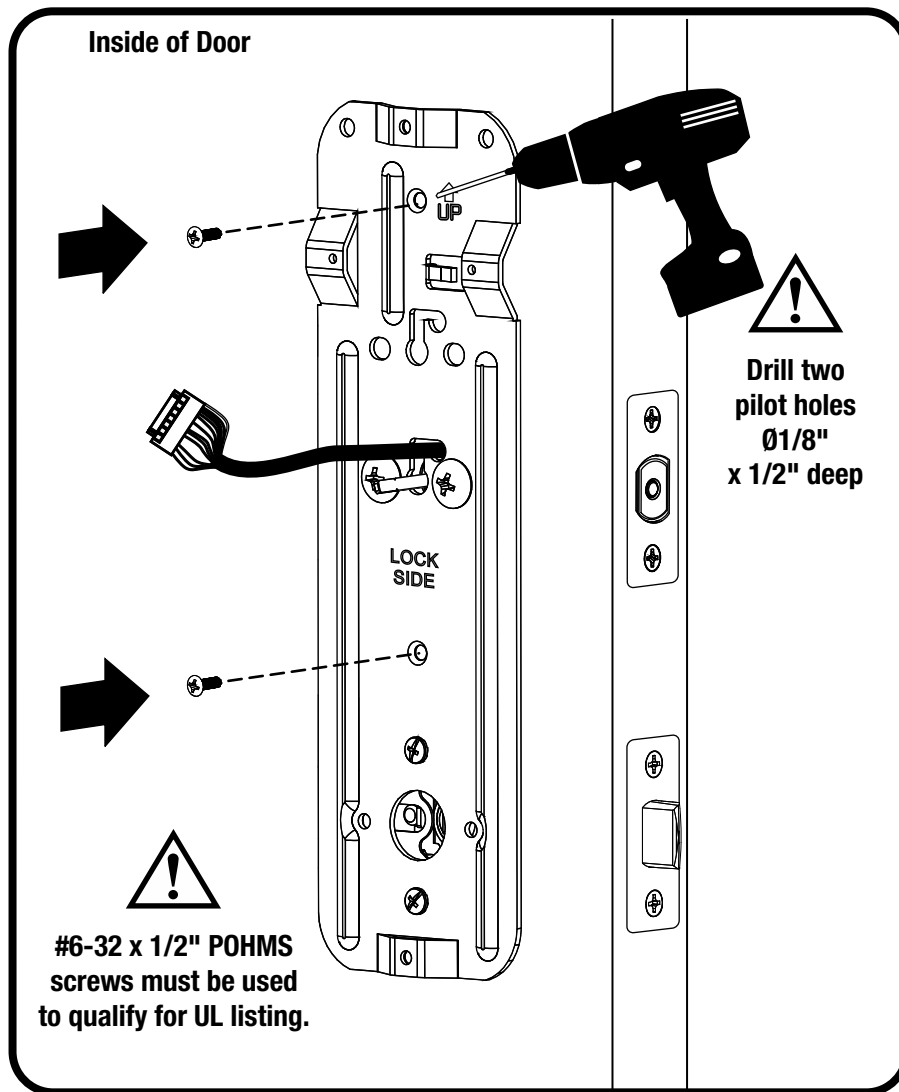
Securing Back Plate to Door



#6-32 x 1/2" POHMS

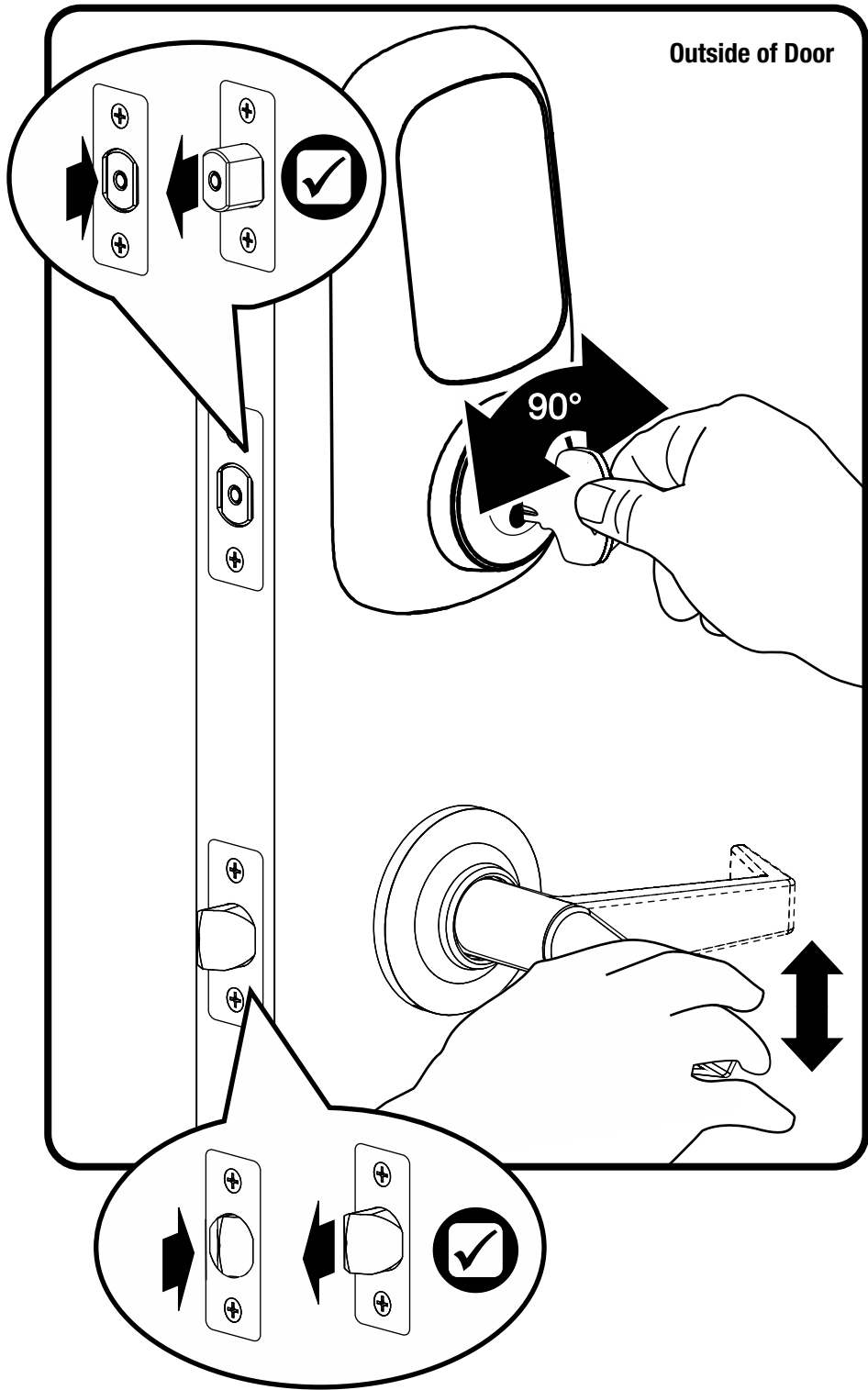


x2



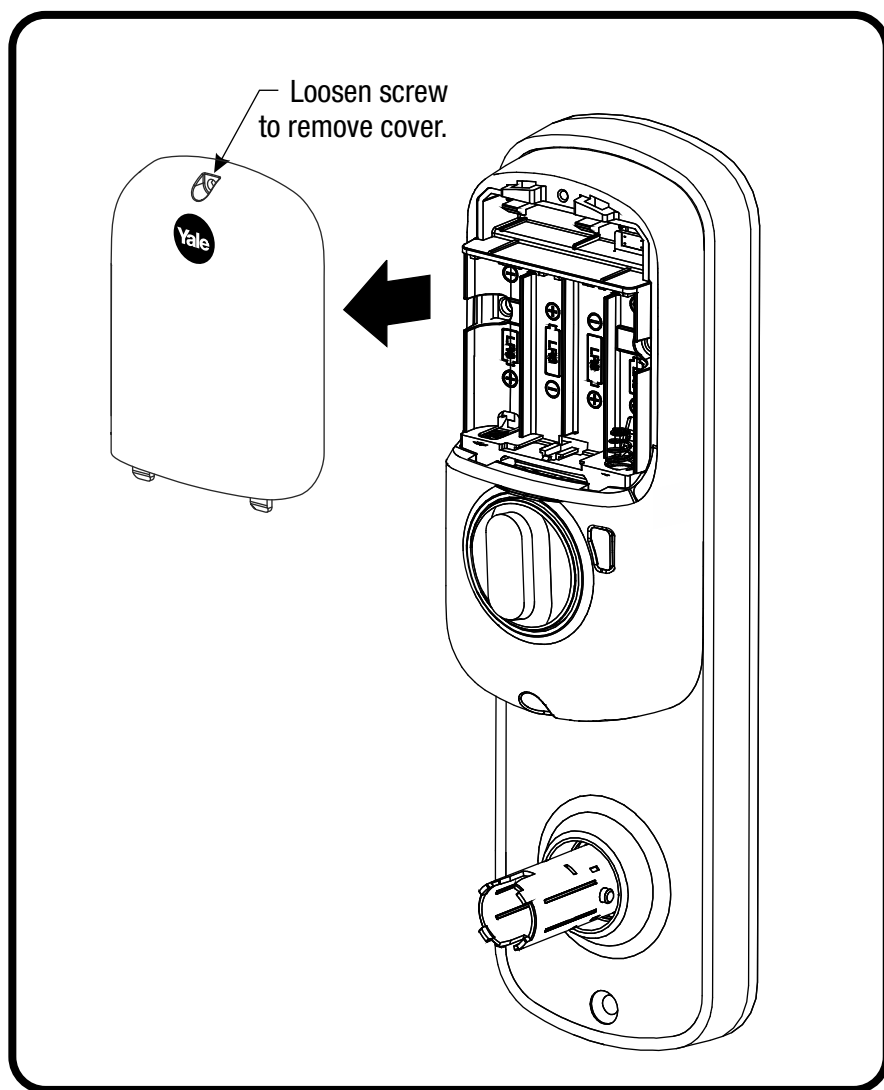


Testing Deadbolt & Latchbolt Operation



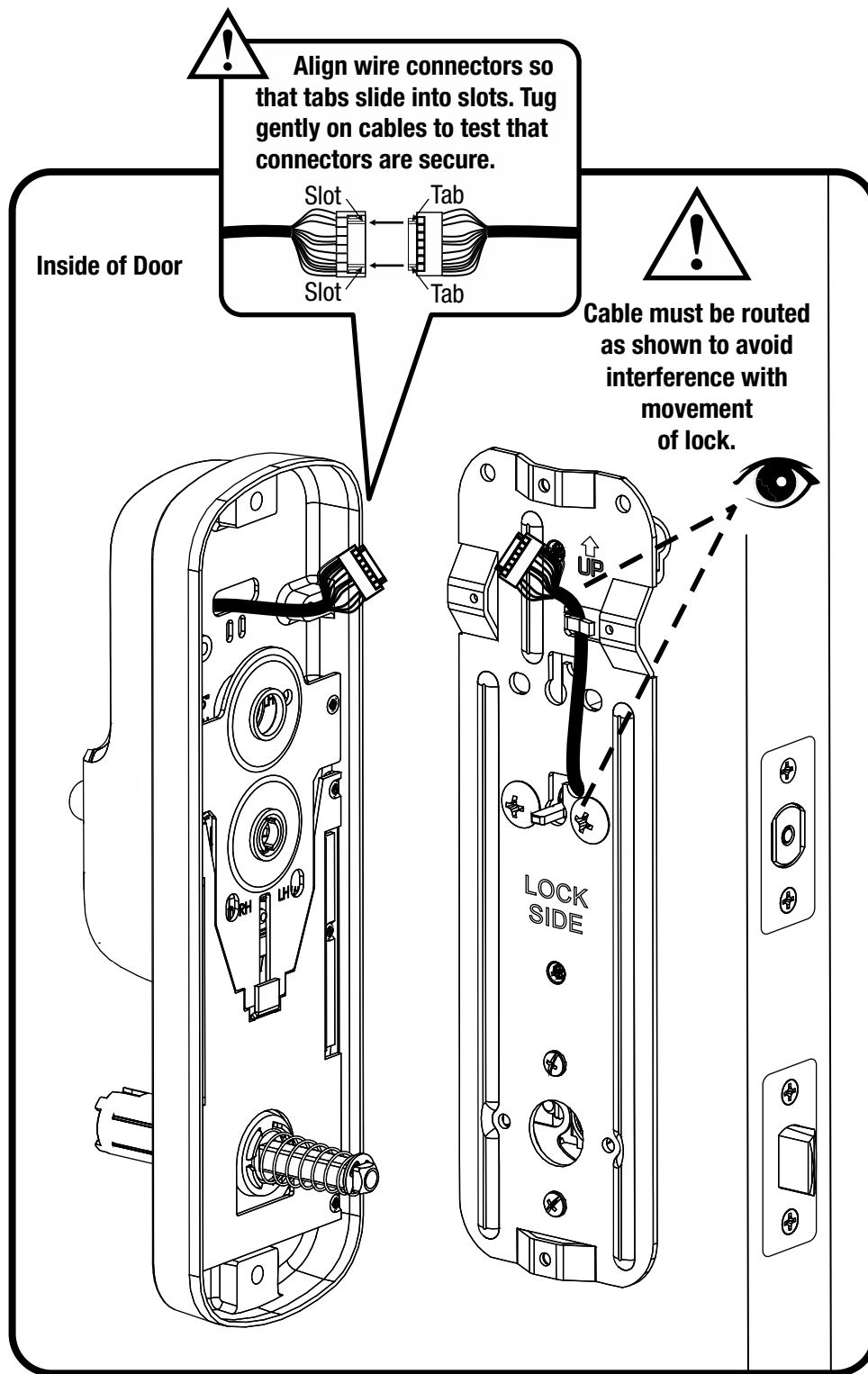
10

Remove Battery Cover



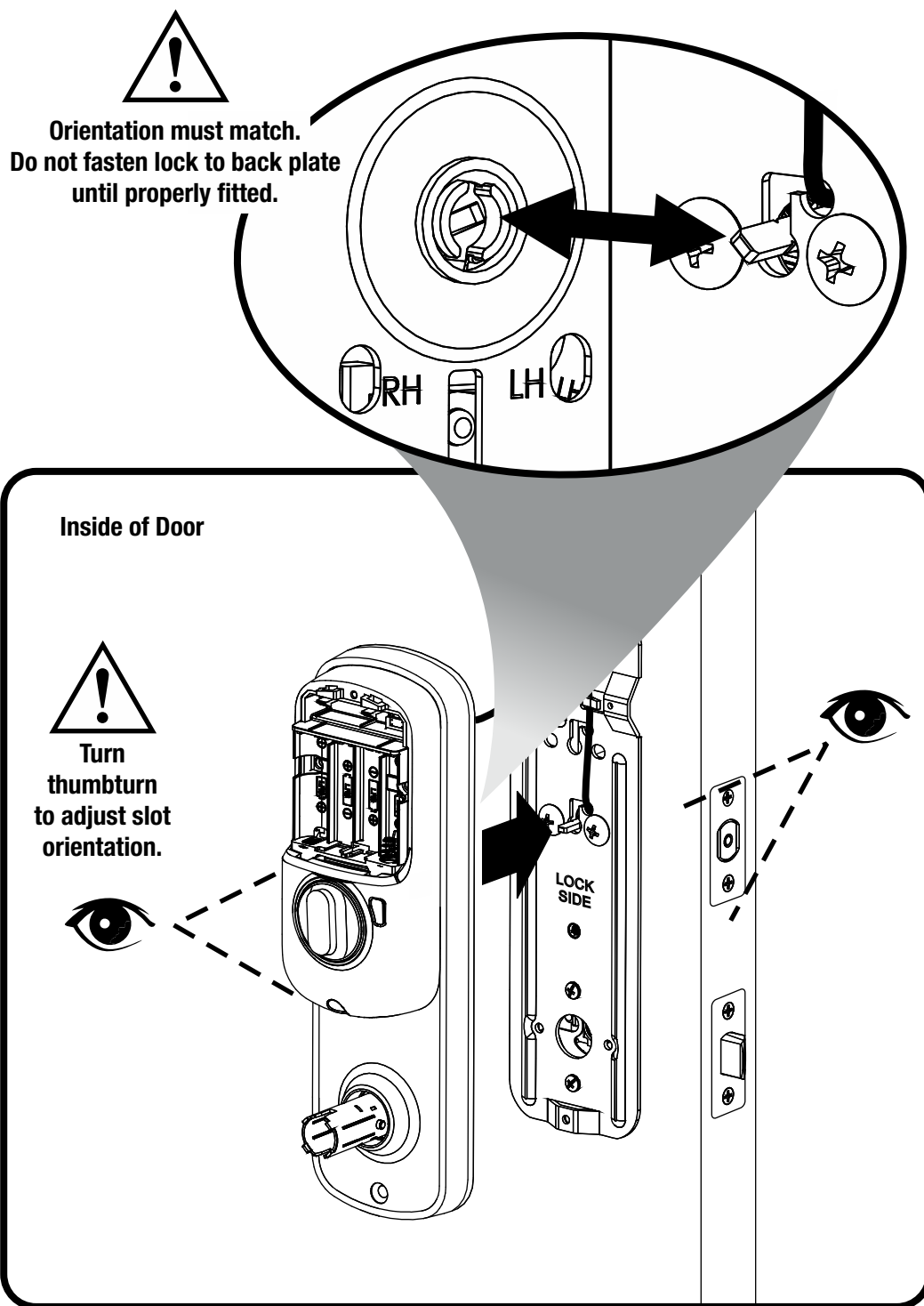
11

Attaching the Cable Assembly



12

Installing Interior Lock



12

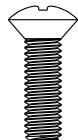
Installing Interior Lock continued



10-32 x 5/8" POHMS



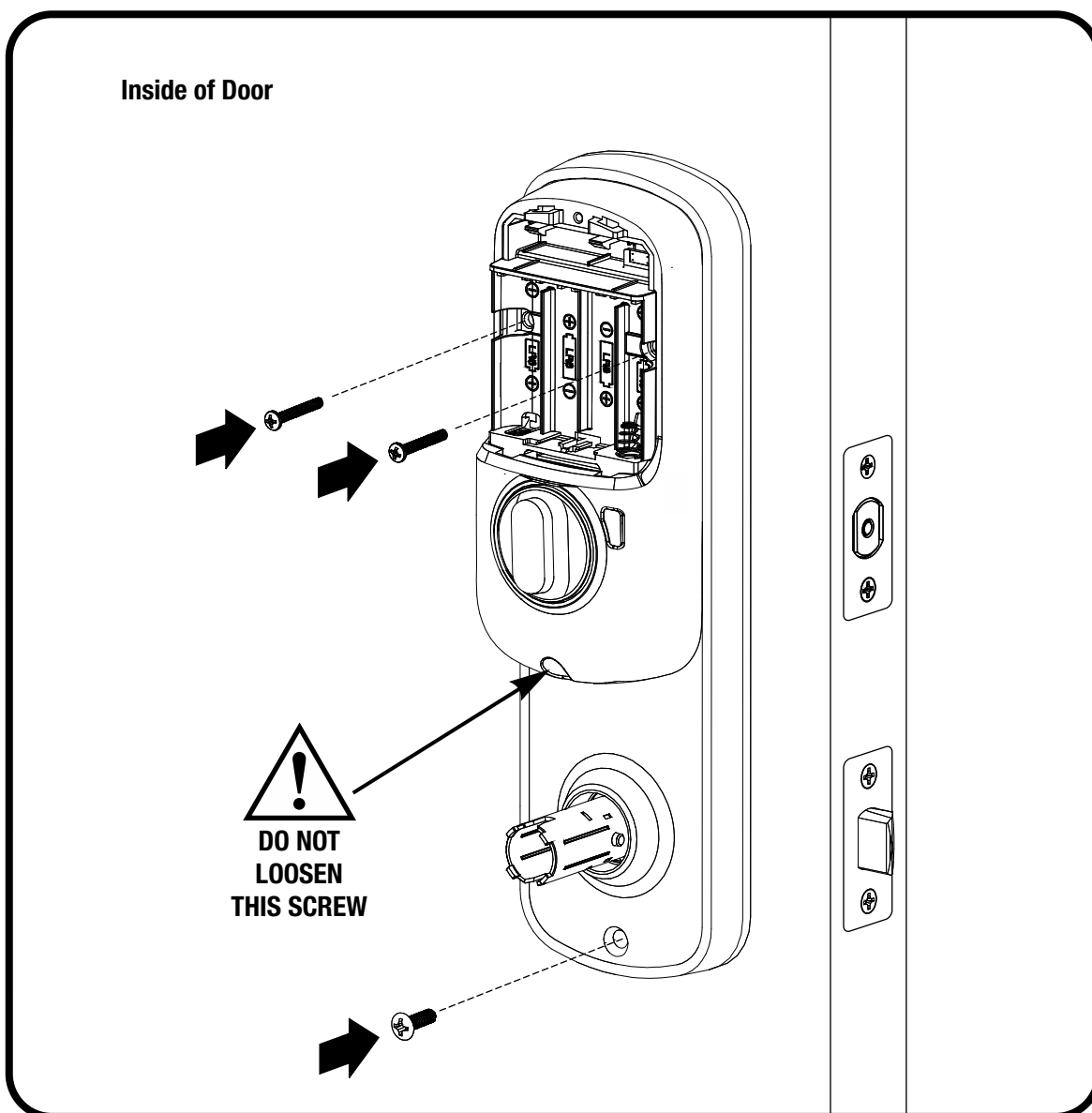
6-32 x 1" PPHMS



x1

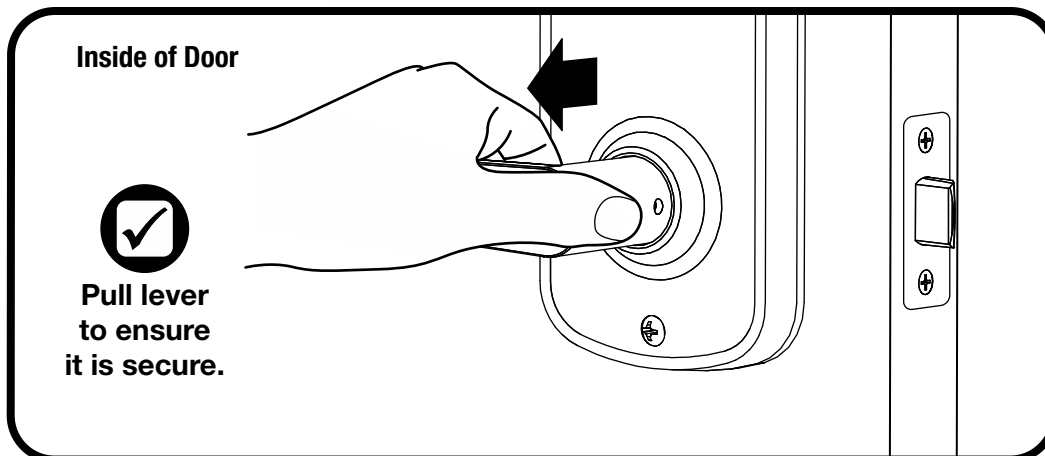
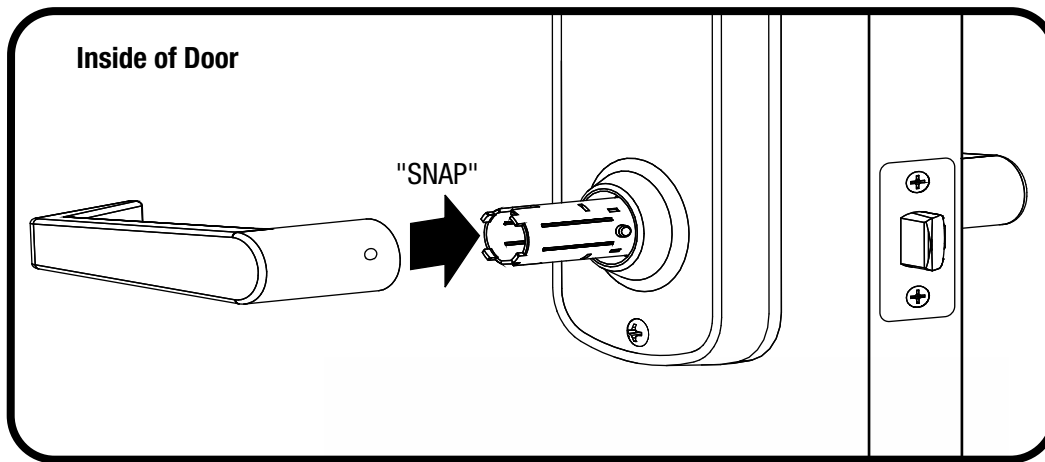


x2



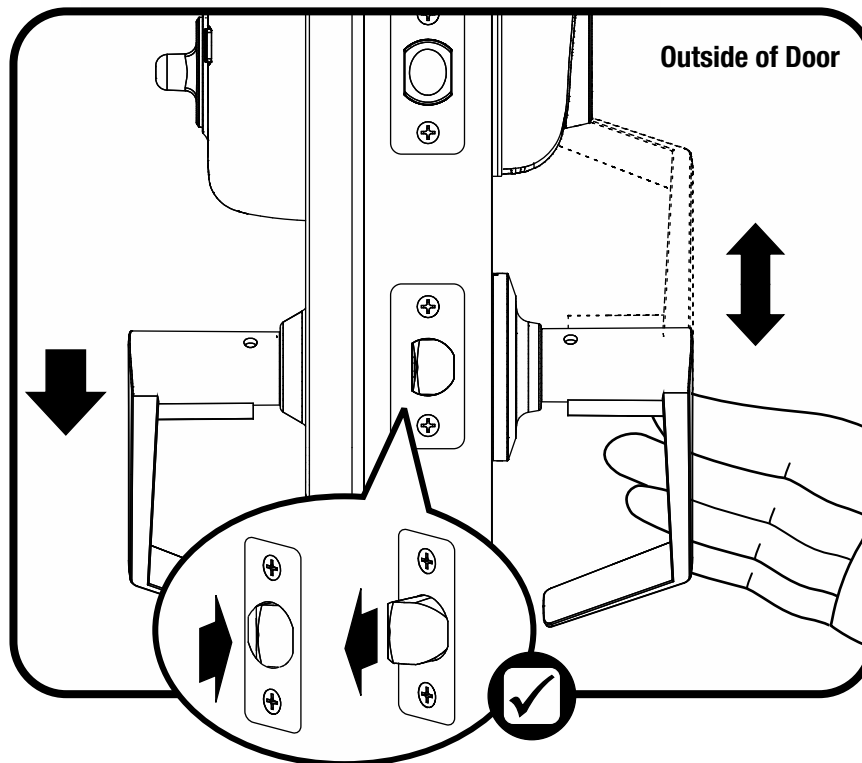
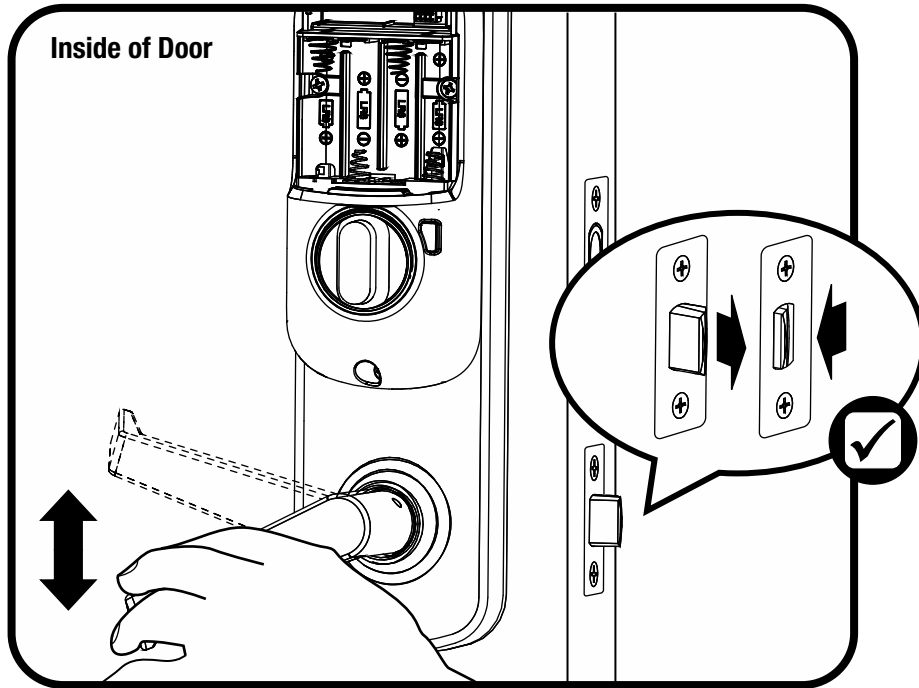
13

Installing Interior Lever



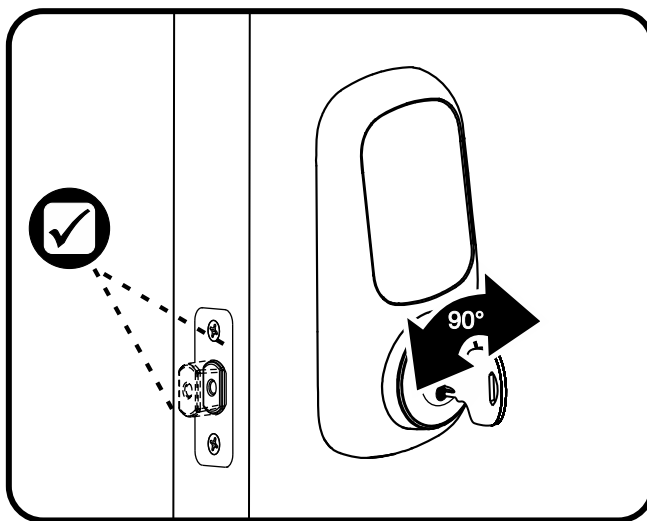
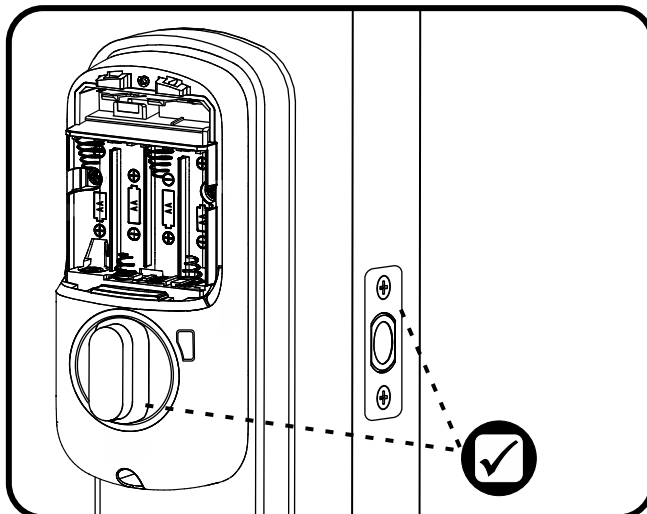
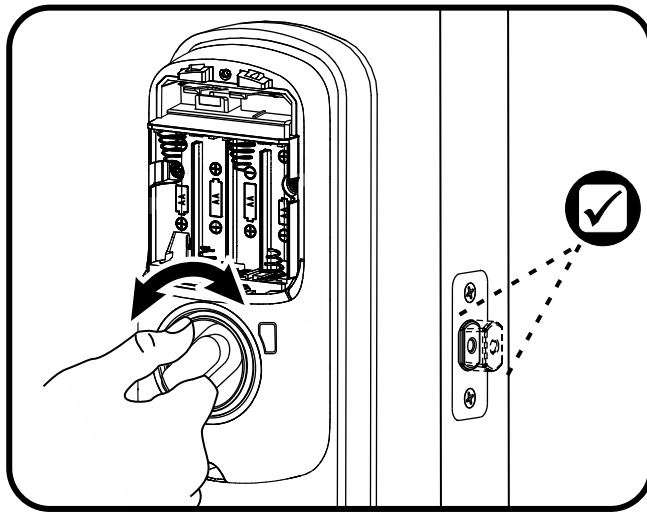


Testing Final Latchbolt Operation





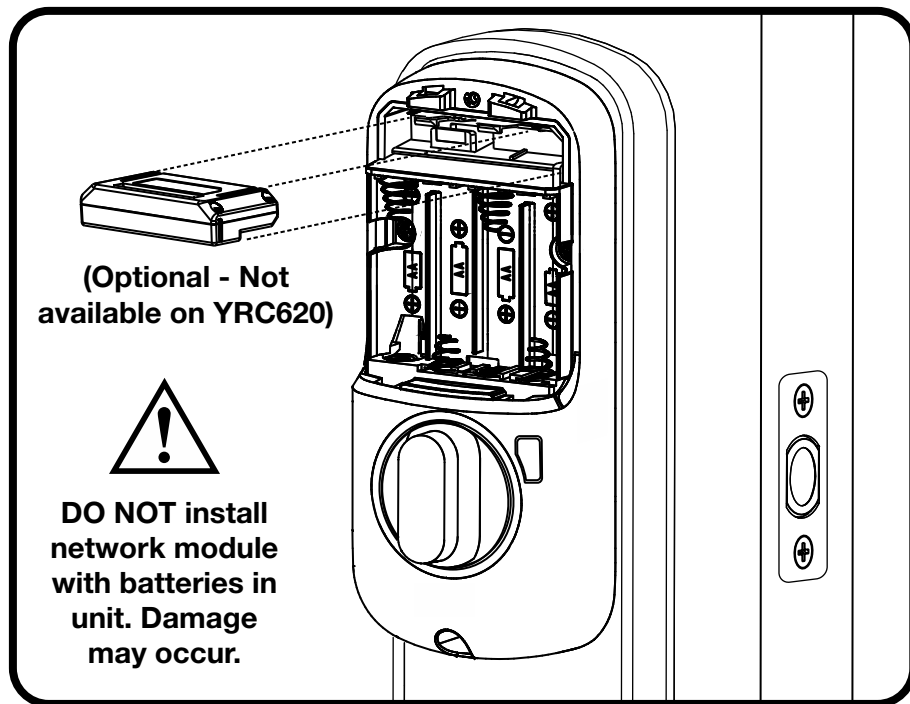
Testing Final Deadbolt Operation



If testing fails, go back to beginning of Step 12 and check installation.

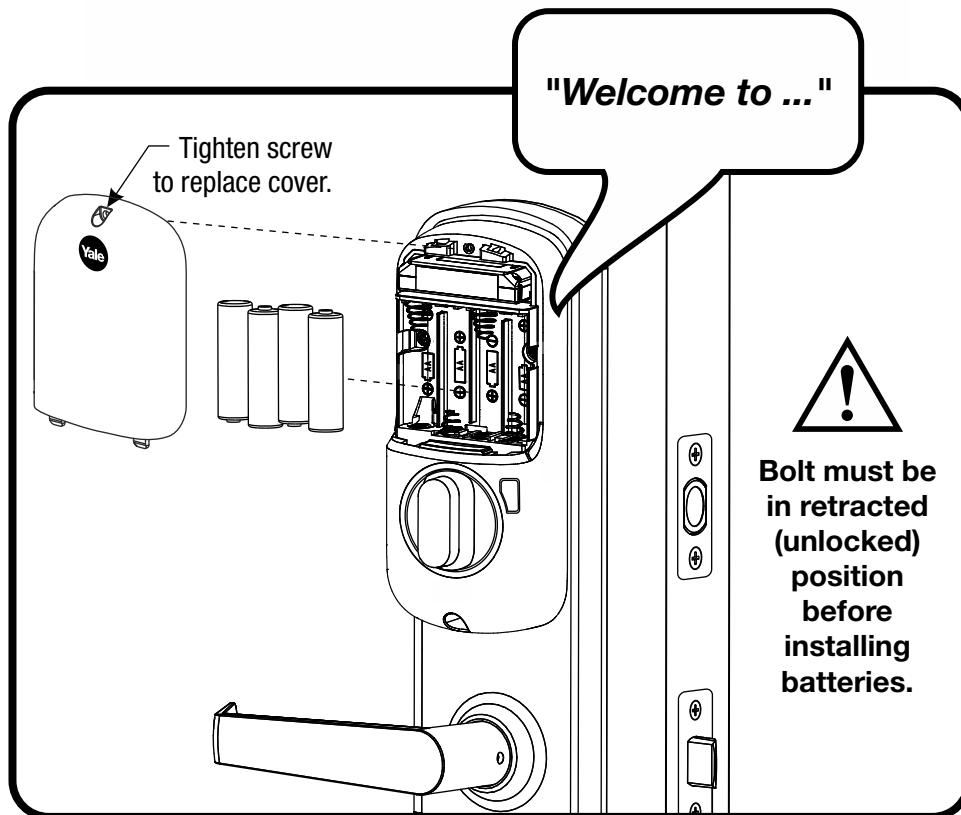
14

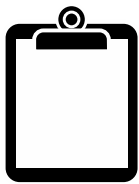
Installing Optional Network Module



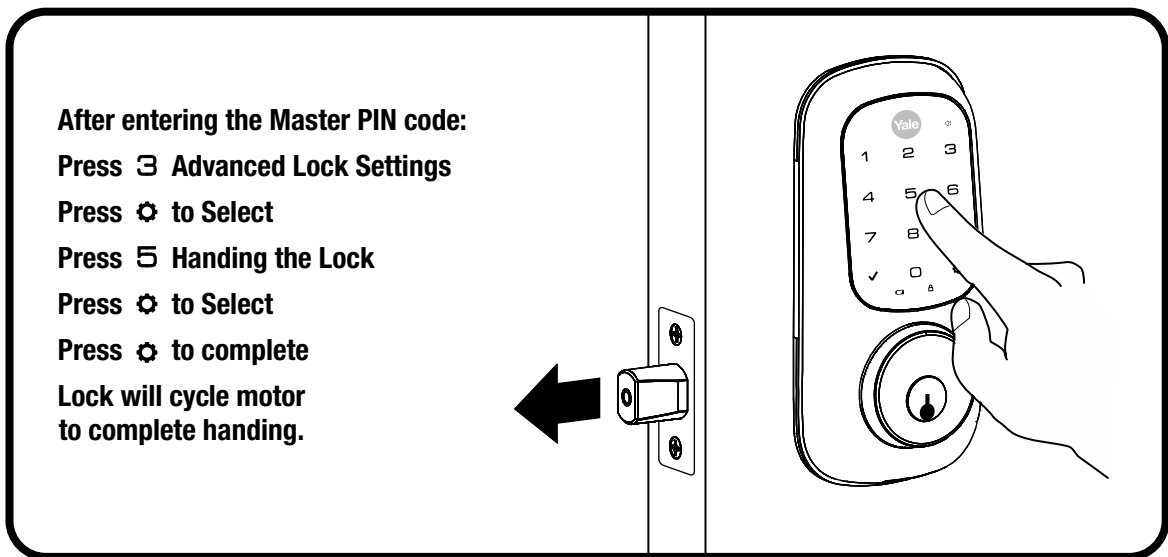
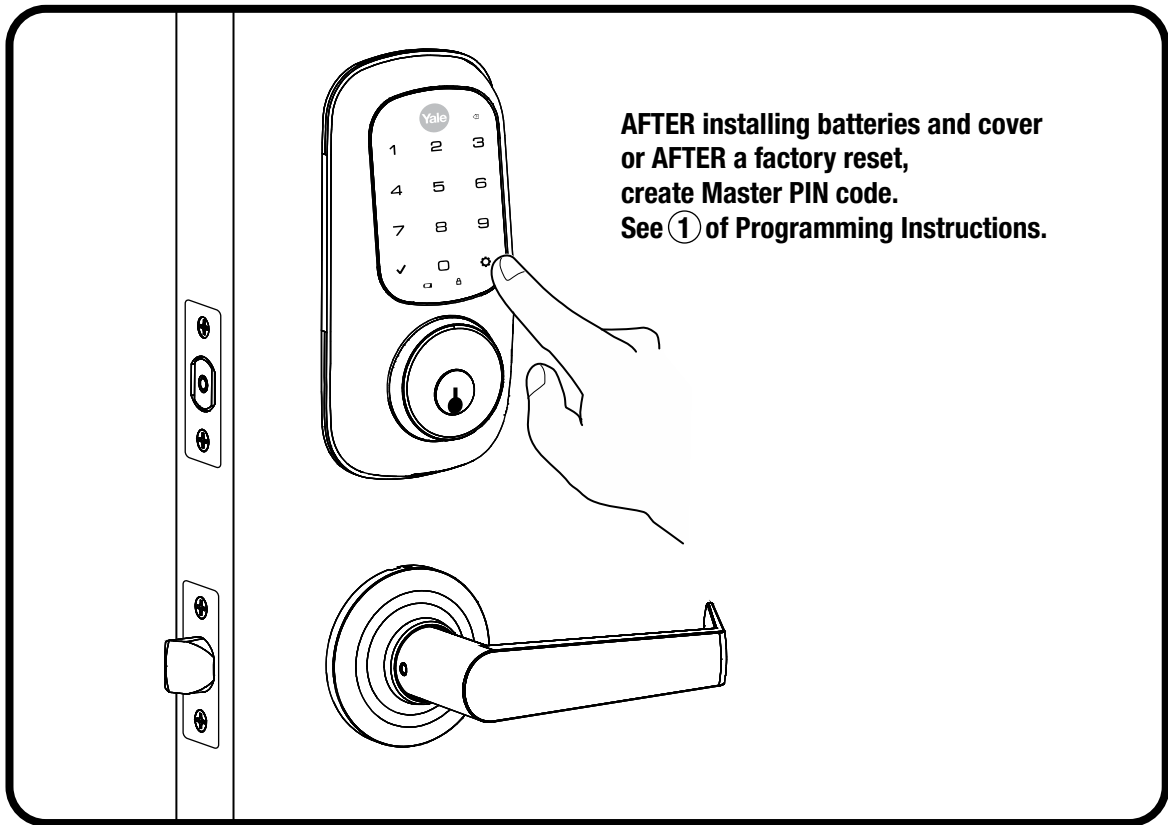
15

Installing Batteries & Cover





Handing the Lock



Congratulations, you've installed the
Yale® Assure Lock® Electronic Interconnected Touchscreen!
Continue with the Programming Instructions
to customize your product.

Hardware Troubleshooting

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

Bolt will not extend and motor is grinding

- a. Enter your Master PIN code.
- b. With the bolt retracted, press menu Option 3 for Advanced Lock Settings.
- c. Press Option 5 to rehand the lock.
- d. Test the operation; locking the door via the keypad.

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 touchscreen wire harness is routed properly (see Step 10).
- e. Verify bolt is installed with correct side up (see Step 6).

Keypad numerics are scrolling

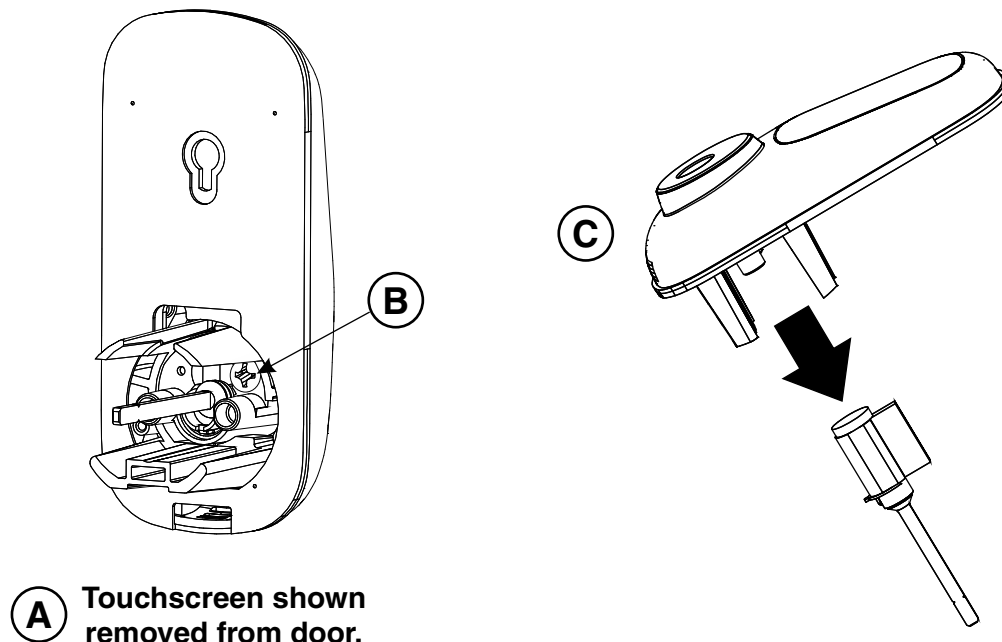
Remove interior escutcheon:

- a. Check that wire terminals are securely connected.
- b. Check that wire harness lies flat against mounting plate and is routed through wire hook on mounting plate so cable is not pinched at any point.

Changing Lock: Replacing Cylinder

To remove cylinder:

- A. Remove touchscreen from door.
- B. Remove pan head screw.
- C. Remove cylinder by letting it drop out of assembly.



Resetting Lock to Factory Default

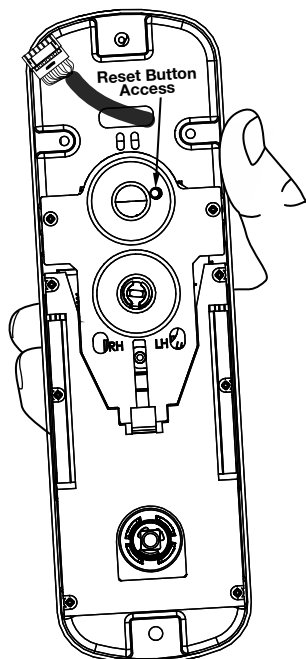
When resetting the lock, all user codes, including the Master PIN code*, are deleted. All programming features are reset to original default settings (see below).

1. Remove the battery cover and batteries.
2. Remove the interior lock to access the reset button hole. (See image at right.)
3. Re-insert 3 batteries and insert a small screwdriver into the hole; holding the reset button for 3 seconds.
4. While still holding the reset button, insert the 4th battery and hold the reset button for an additional 3 seconds.
5. Release the reset button.
6. Re-install the interior lock onto the door.

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

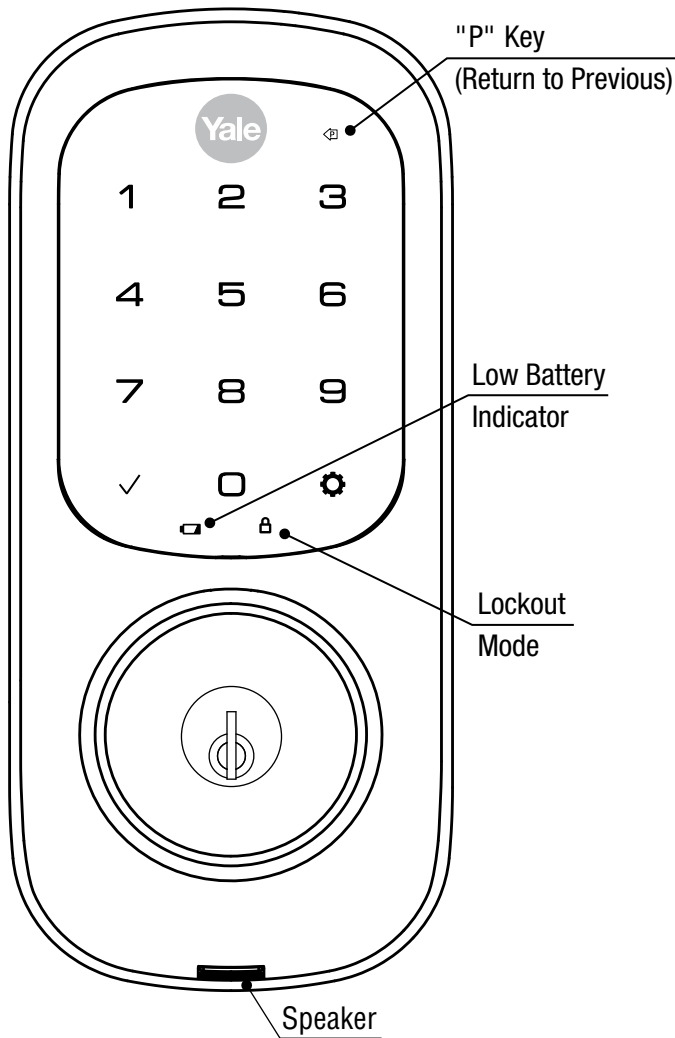
For best results, the lock should be installed on the door when resetting the lock to factory default. If the process was done and the lock was not installed on the door, review the Re-Handling instructions listed in Hardware Troubleshooting.

**Interior Lock
(4" Shown)**

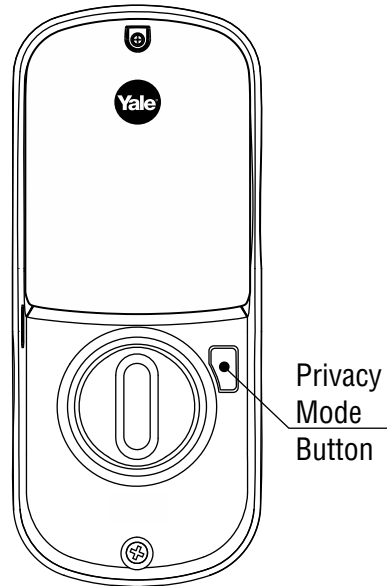


Programming Instructions

Touchscreen



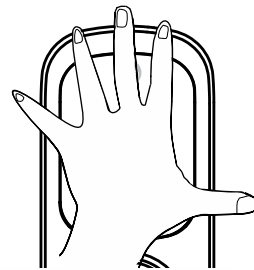
Interior Lock



Lock Activation



OR

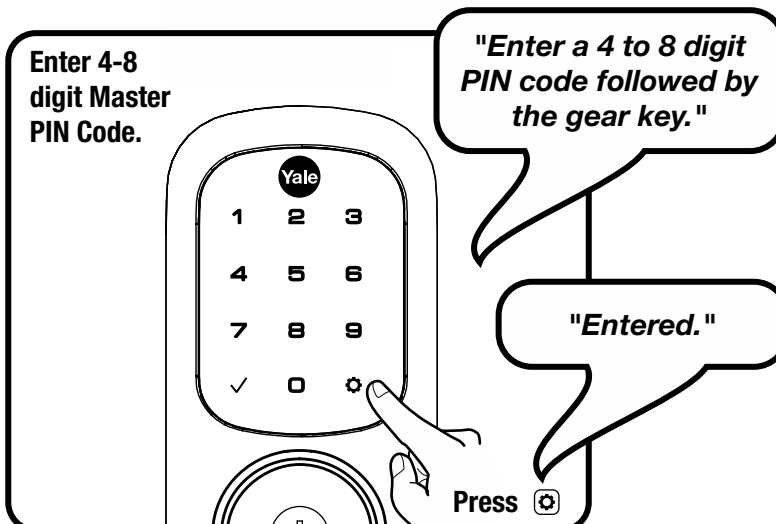
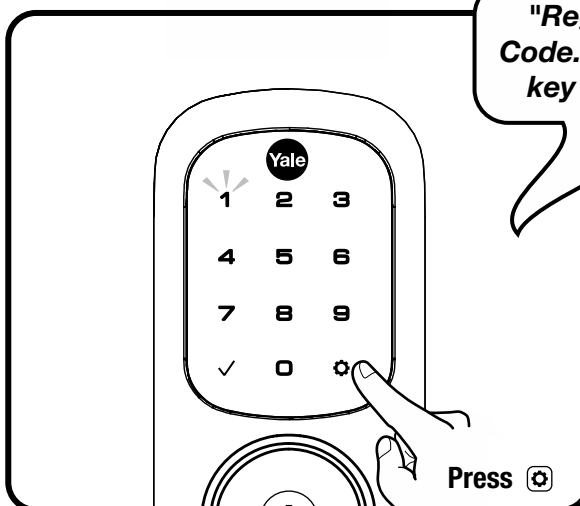
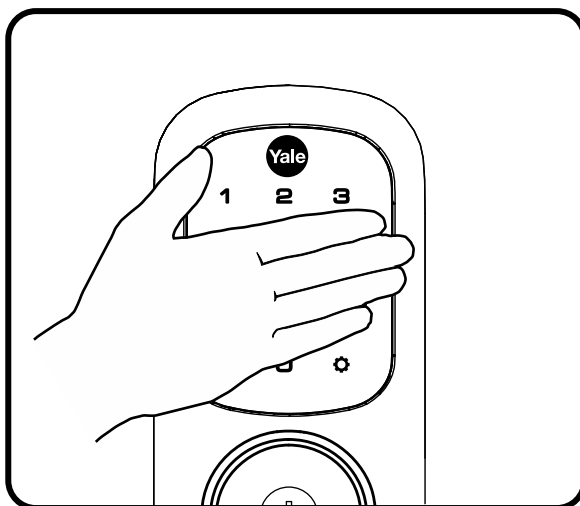


Master PIN Code must be created before any further programming.
Max User Codes = 250 with Z-Wave Plus or ZigBee network module
Max User Codes = 25 without network module or with iM1 network module
Max User Codes = 12 with Bluetooth

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

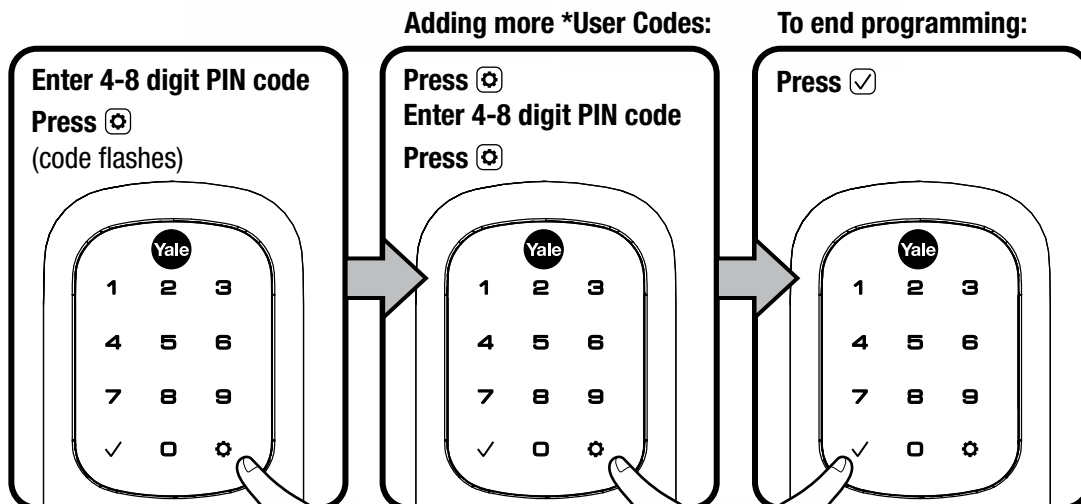
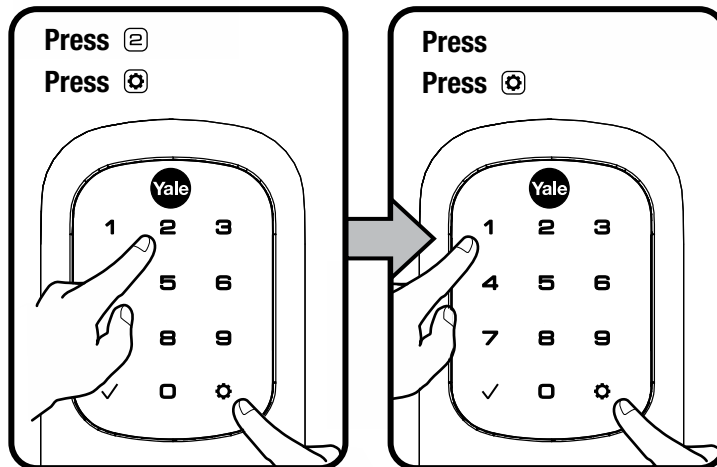
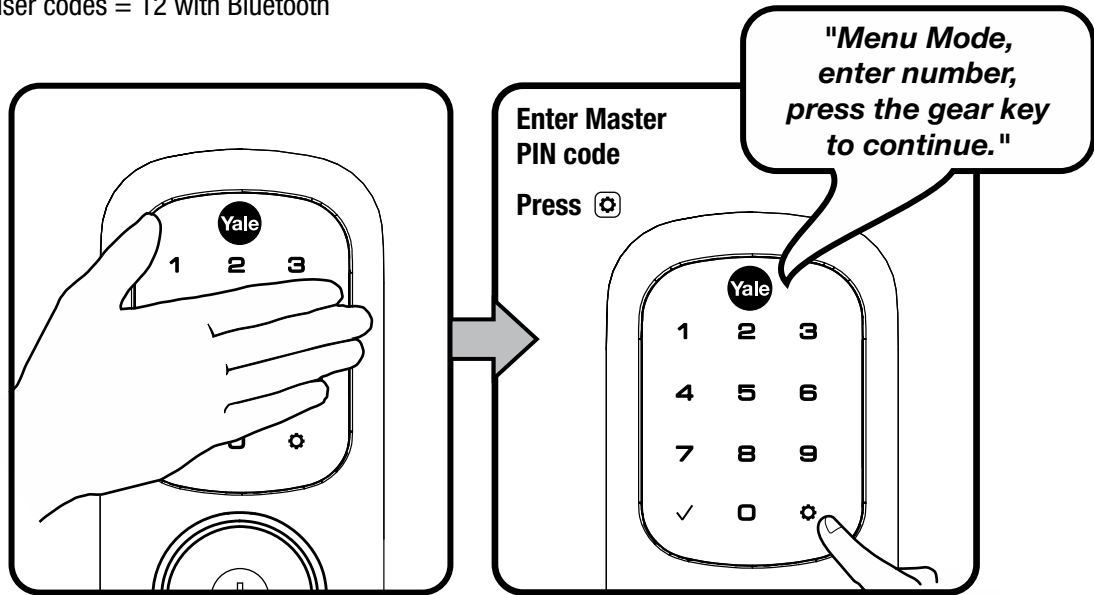
Creating User PIN Codes

Master PIN code must be created first.

*Max user codes = 250 with Z-Wave or ZigBee network module

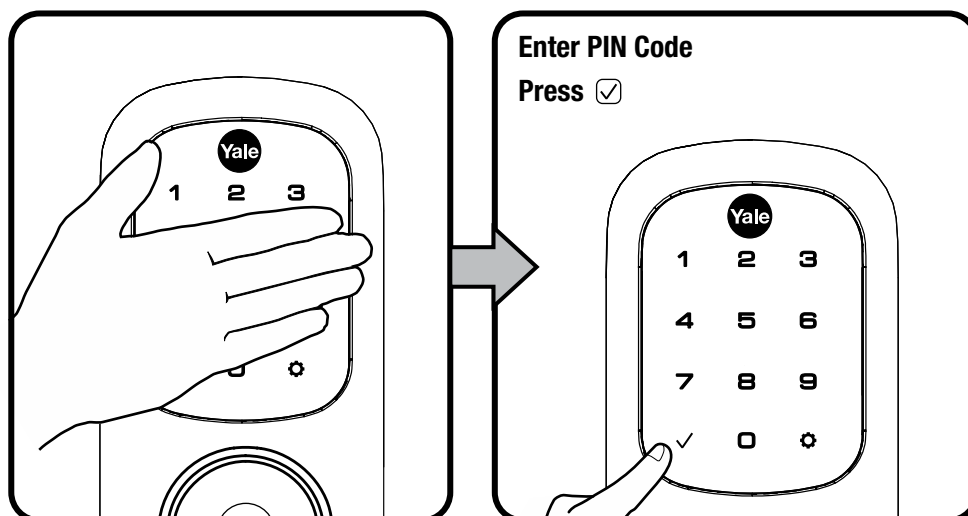
Max user codes = 25 without network module or with iM1 network module

Max user codes = 12 with Bluetooth



3

Unlocking Door with PIN Code



Factory Settings

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

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

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 unlock, the unit will re-lock automatically after duration selected in the **Advanced Lock Settings** (Main Menu selection #3).

Handing the Lock: Lock handing refers to which direction the bolt comes out of the door (right or left). If the lock was programmed off the door, the lock may need adjusting. Review Handing the Lock instructions and/or Re-Handing instructions listed in Hardware Troubleshooting.

Inside Indicator Light: Located on the interior lock. 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. 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.

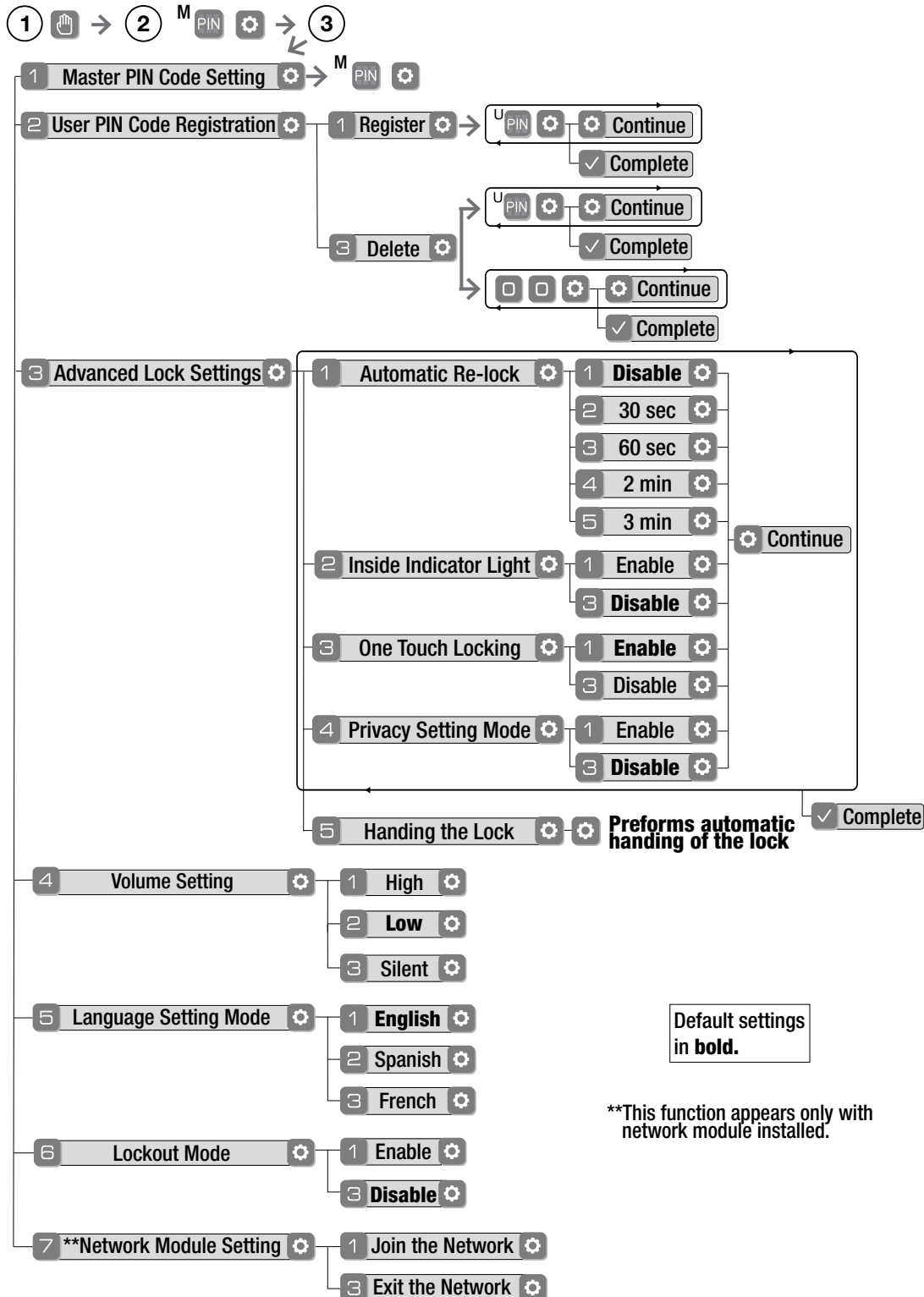
Volume Setting Mode: The volume setting for PIN code verification is set to **Low (2)** by default; otherwise it can be set to **High (1)** or **Silent (3)** for quiet areas.

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 YRC226 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.

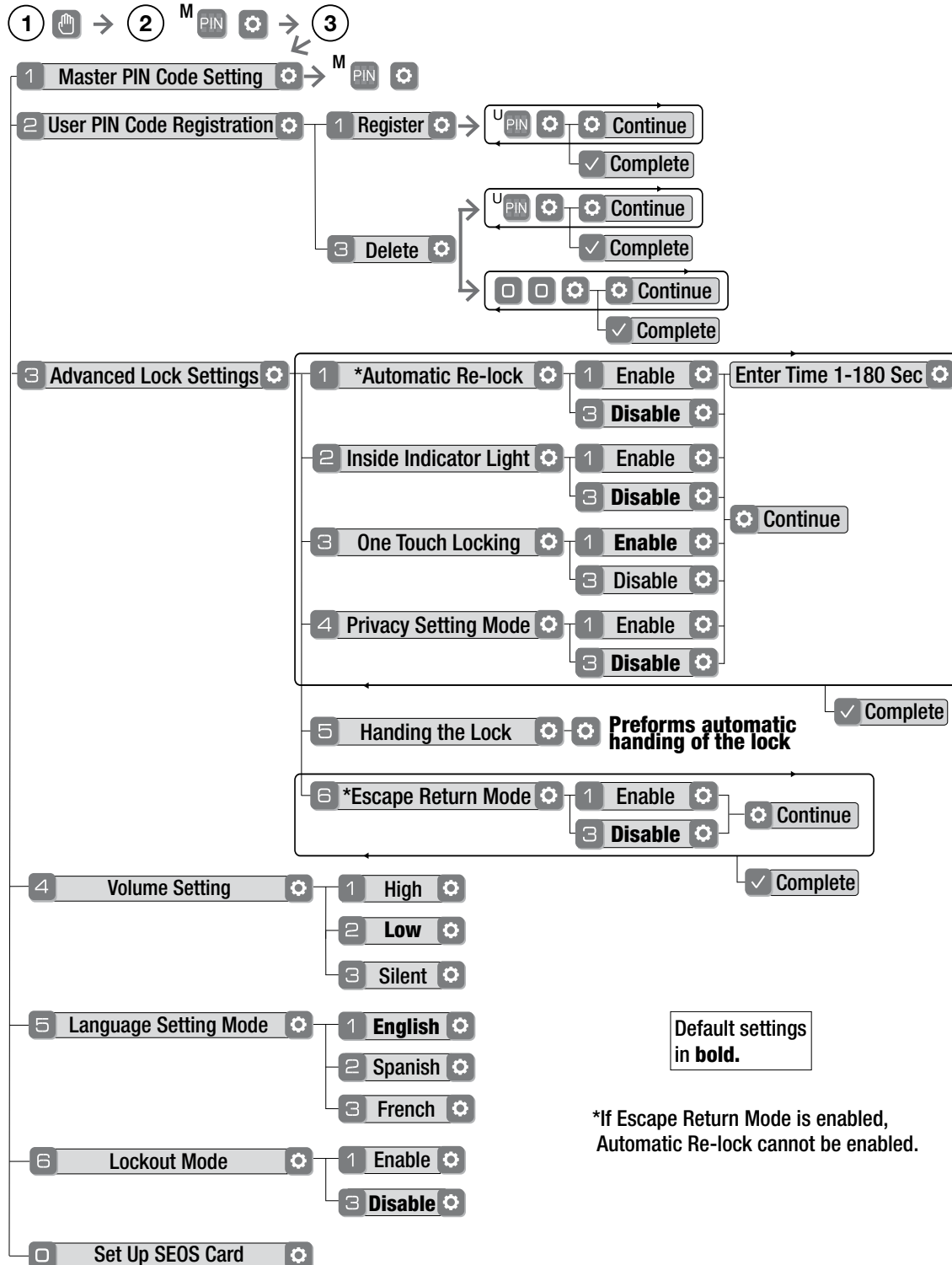
*The Master PIN code must be registered prior to any other programming of the lock.



Model YRC620 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.



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).

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

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

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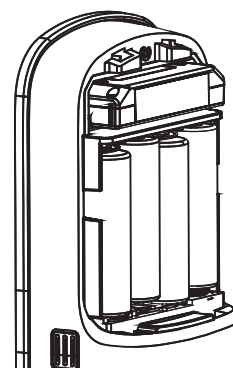
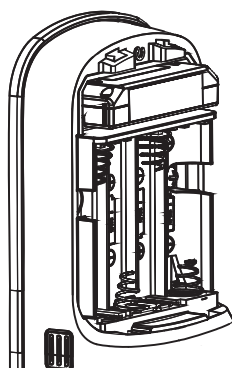
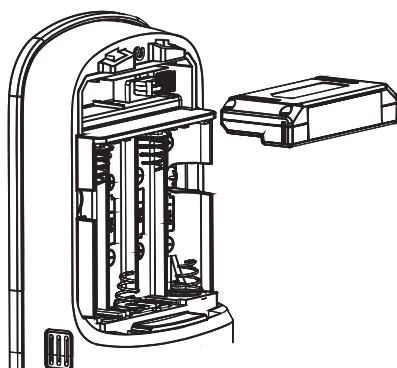
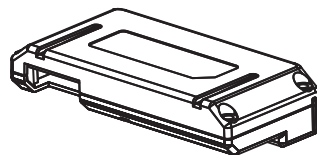
Yale
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Yale® Z-Wave® Plus Module Installation and Programming Instructions

Installing the Z-Wave® Plus Module

IMPORTANT: the batteries must be removed prior to removing and/or inserting the network module:

- Remove battery cover and batteries.
- Remove and/or insert Network Module.
- Reinstall batteries and battery cover.



Enrolling/Unenrolling the Network Module:

This device is a security enabled Z-Wave Plus product that is able to use encrypted Z-Wave Plus messages to communicate to other security enabled Z-Wave Plus 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.

To Enroll/Add the Module (Inclusion Mode):

- Enter the 4-8 digit Master PIN code followed by the  key.
- Press the  key followed by the  key.
- Press the  key followed by the  key.

To Unenroll/Remove the Module (Exclusion Mode):

- Enter the 4-8 digit Master PIN code followed by the  key.
- Press the  key followed by the  key.
- Press the  key followed by the  key.

Factory Reset - If No Controller:

- See the Lock Installation Manual
- Please use this procedure only when the network primary controller is missing or otherwise inoperable.

For System Integrators: Specific Z-Wave Plus association and parameter information for your lock is available at YaleHome.com/ZwavePlus.



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

FCC:

Contain FCC ID: U4A-YRHCPZW0FM

Model: YRMZW2-US

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 UNDESIRE OPERATION.

Industry Canada:

Contain IC: 6982A-YRHCPZW0FM

Model: YRMZW2-US

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.

This radio transmitter 6982A-YRHCPZW0FM has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Le présent émetteur radio 6982A-YRHCPZW0FM a été approuvé par Industrie Canada pour fonctionner avec les types d'antenne énumérés ci-dessous et ayant un gain admissible maximal. Les types d'antenne non inclus dans cette liste, et dont le gain est supérieur au gain maximal indiqué, sont strictement interdits pour l'exploitation de l'émetteur.

CAN ICES-3B/NMB-3B

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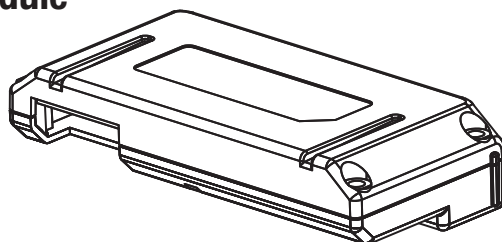
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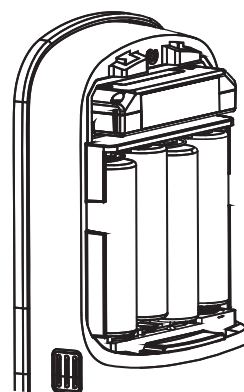
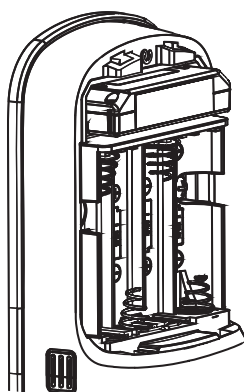
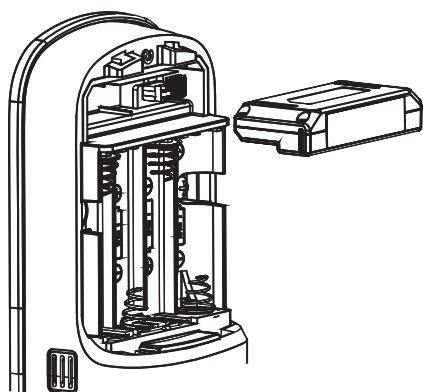
ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.

Installing the ZigBee® Module



IMPORTANT: the batteries must be removed prior to removing and/or inserting the network module:

- Remove battery cover.
- Remove batteries.
- Remove and/or insert network module.
- Reinstall batteries.
- Replace cover.



Enrolling/Unenrolling the Network Module:

This device is a security enabled ZigBee product that is able to use encrypted ZigBee messages to communicate to other security enabled ZigBee products. This device must be used in conjunction with a Security Enabled ZigBee Controller in order to fully utilize all implemented functions. This product can be operated in any ZigBee network with other ZigBee 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.

To Enroll the Module (Inclusion Mode):

- Enter the 4-8 digit Master PIN code followed by the  key.
- Press the  key followed by the  key.
- Press the  key followed by the  key.

To Unenroll the Module (Exclusion Mode):

- Enter the 4-8 digit Master PIN code followed by the  key.
- Press the  key followed by the  key.
- Press the  key followed by the  key.

FCC:

FCC ID: U4A-YRHCPZB0FM

Model: YRMZB2

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 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 and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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. Any changes or modifications not expressly approved by manufacturer could void the user's authority to operate the equipment.

IMPORTANT! Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Industry Canada:

IC: 6982A-YRHCPZB0FM

Model: YRMZB2

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.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Important Note:**Radiation Exposure Statement:**

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

Note Importante: (Pour l'utilisation de dispositifs mobiles)**Declaration d'exposition aux radiations:**

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

IMPORTANT! Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

IMPORTANT! Tous les changements ou modifications pas expressément approuvés par la partie responsable de la conformité ont pu vider l'autorité de l'utilisateur pour actionner cet équipement.

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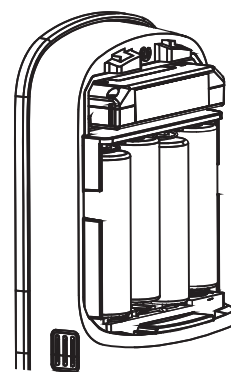
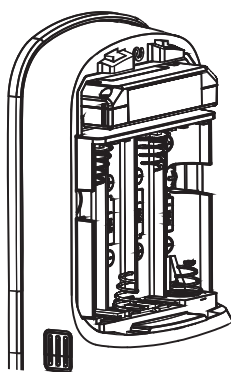
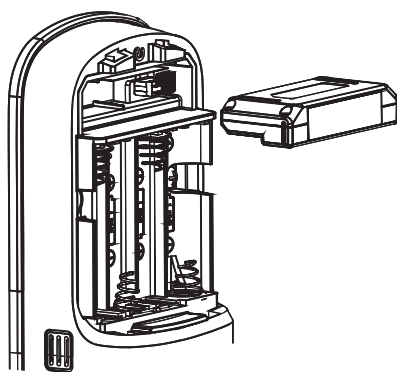
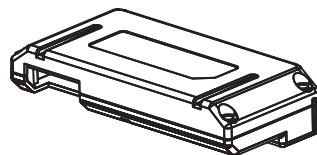
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Yale® iM1 Network Module Installation and Programming Instructions

Installing the Yale iM1 Network Module

IMPORTANT: the batteries must be removed prior to removing and/or inserting the network module:

- Remove battery cover and batteries.
- Remove and/or insert Network Module.
- Reinstall batteries and battery cover.



Enrolling the iM1 Network Module:

The Yale iM1 Network Module must be used with a Yale Assure Lock or Yale nexTouch Lock and cannot be used in conjunction with any other Yale Network Module.

To Enroll the Module:

- Enter the 4-8 digit Master PIN code followed by the  key.
- Press the  key followed by the  key.
- Press the  key followed by the  key.



Yale® Secure App Connection with Yale® iM1 Network Module

Connecting the Yale Secure App with the Yale iM1 Network Module

1. After following the steps listed on other side of page for enrolling the module, download the Yale Secure app from the App Store®.
2. Ensure Bluetooth® is enabled on your iPhone®, iPad® or iPod touch®, and that you're within a foot of your Yale lock.
3. Open the Yale Secure app and agree to allow the app to access your Home Data.
4. If you do not have a home already created, create a new home when prompted. Tap + to add a new Yale Lock.
5. The app will search for your Yale Lock. Be sure that you are within close proximity (less than two feet or so). When "Yale Lock" appears, tap to add.
*If the lock does not appear, enter your Master Pin Code on the lock keypad, tap the gear, tap 7, tap gear, tap 1 and then tap gear.
6. Scan your Accessory Setup Code; shown below, or manually enter within the app.

Accessory Setup Code

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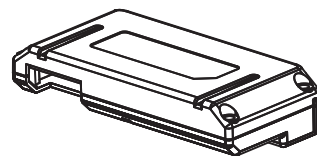
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Yale® Z-Wave® Plus Smart Module Installation Guide

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

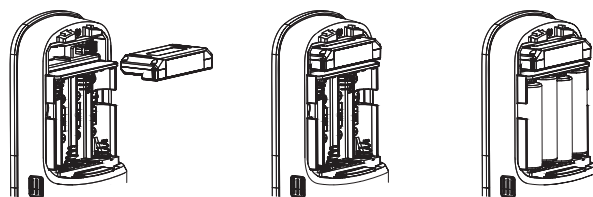


Adding a Yale Z-Wave® Plus Smart Module to your Assure Lock & Z-Wave System

1. Install the Yale Smart Module into the slot above the battery compartment

IMPORTANT: The batteries must be removed before removing the Yale Smart Module:

- Remove battery cover
- Remove batteries
- Insert or remove Yale Smart Module
- Reinstall batteries
- Reinstall battery cover



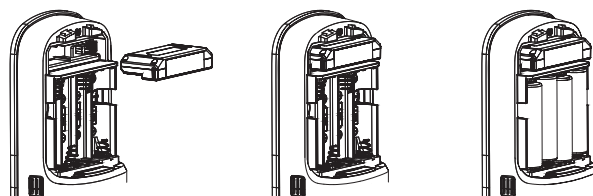
2. Open the Z-Wave system's smart home or alarm app on your smartphone or tablet
3. Follow the in-app instructions for adding a new device
4. On your lock keypad, enter your master entry code followed by the  icon
5. Press the 7 key followed by the  icon
6. Press the 1 key followed by the  icon

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

1. On your lock keypad, enter your master entry code followed by the  icon
2. Press the 7 key followed by the  icon
3. Press the 3 key followed by the  icon
4. Open the Z-Wave system's smart home or alarm app and follow the instructions for removing a device
5. Remove the Yale Smart Module from the slot above the battery compartment

IMPORTANT: The batteries must be removed before removing the Yale Smart Module:

- Remove battery cover
- Remove batteries
- Insert or remove Yale Smart Module
- Reinstall batteries
- Reinstall battery cover



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



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 product that is able to use encrypted Z-Wave Plus messages to communicate to other security enabled Z-Wave Plus 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:

Contain FCC ID: U4A-YRHCPZW0FM

Model: YRMZW2-US

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.

Industry Canada:

Contain IC: 6982A-YRHCPZW0FM

Model: YRMZW2-US

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.

This radio transmitter 6982A-YRHCPZW0FM has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Le présent émetteur radio 6982A-YRHCPZW0FM a été approuvé par Industrie Canada pour fonctionner avec les types d'antenne énumérés ci-dessous et ayant un gain admissible maximal. Les types d'antenne non inclus dans cette liste, et dont le gain est supérieur au gain maximal indiqué, sont strictement interdits pour l'exploitation de l'émetteur.

CAN ICES-3B/NMB-3B

Yale Locks & Hardware

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