Optional

1/8"
3/32"

#3 & #2

3/4" 1/2"

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.
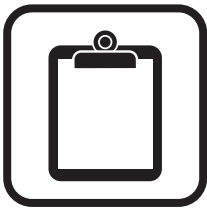
Determining Handing

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

Deadbolt

⚠️

Latchbolt - Beveled edge must face strike. (See step 1 to reverse latchbolt.)

RED Locking Slide should face the secure side of door.
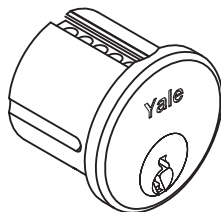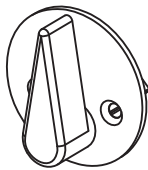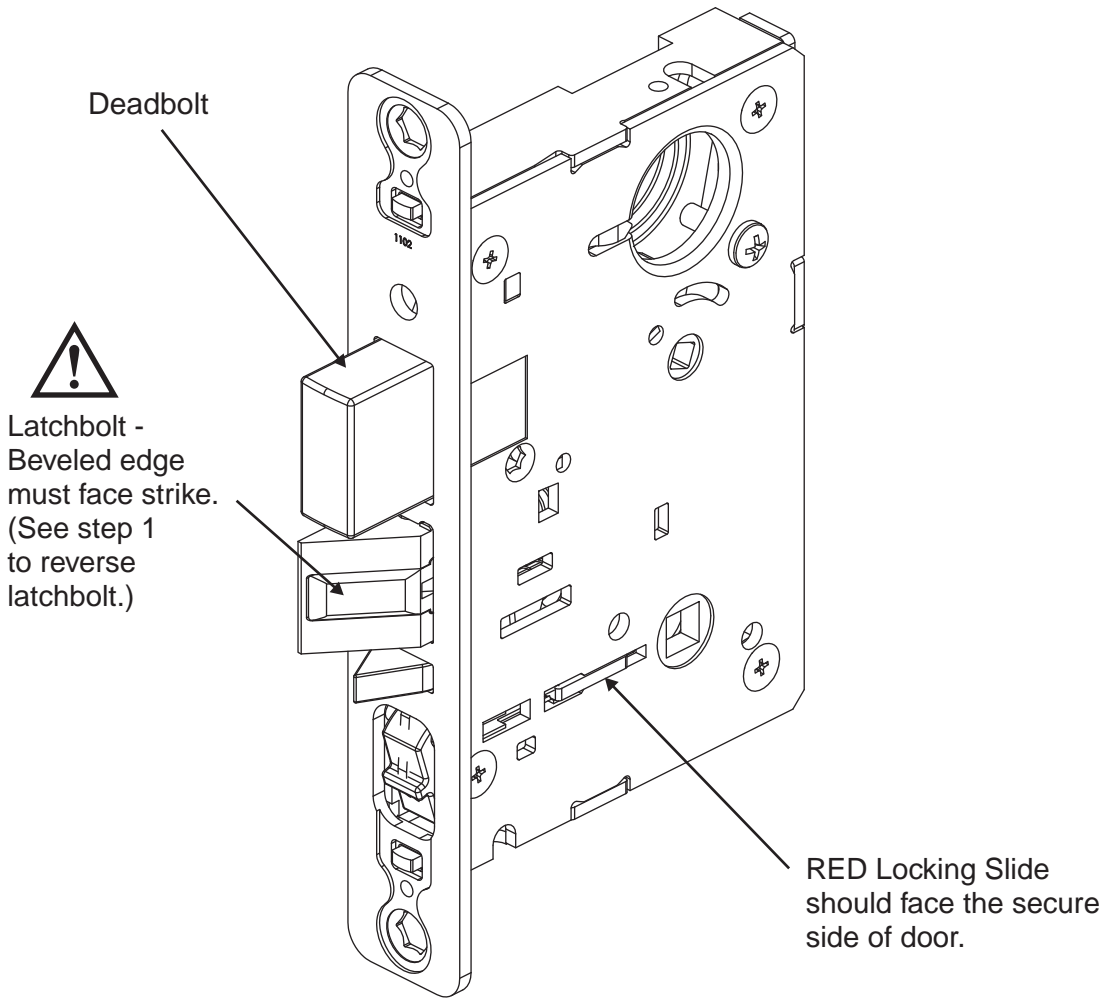
Key cylinder used for cylinder option installation. Thumbturn used when mortise lock is equipped with deadbolt.

1 Handing Latchbolt & Hubs *(If Necessary)*

2

Insert flat head
screwdriver to
pry latch head up.
Rotate latch head
to correct orientation.

1

2

1

PUSH away from
square hole to create gap.
Check for free movement
of locking slide.

✔

2

PUSH IN
causing locking slide
to rotate.

⚠

3

Continue to
rotate locking
slide from other side
until "set" in position.

**RED MARK on locking slide
must be on secure side of door!**
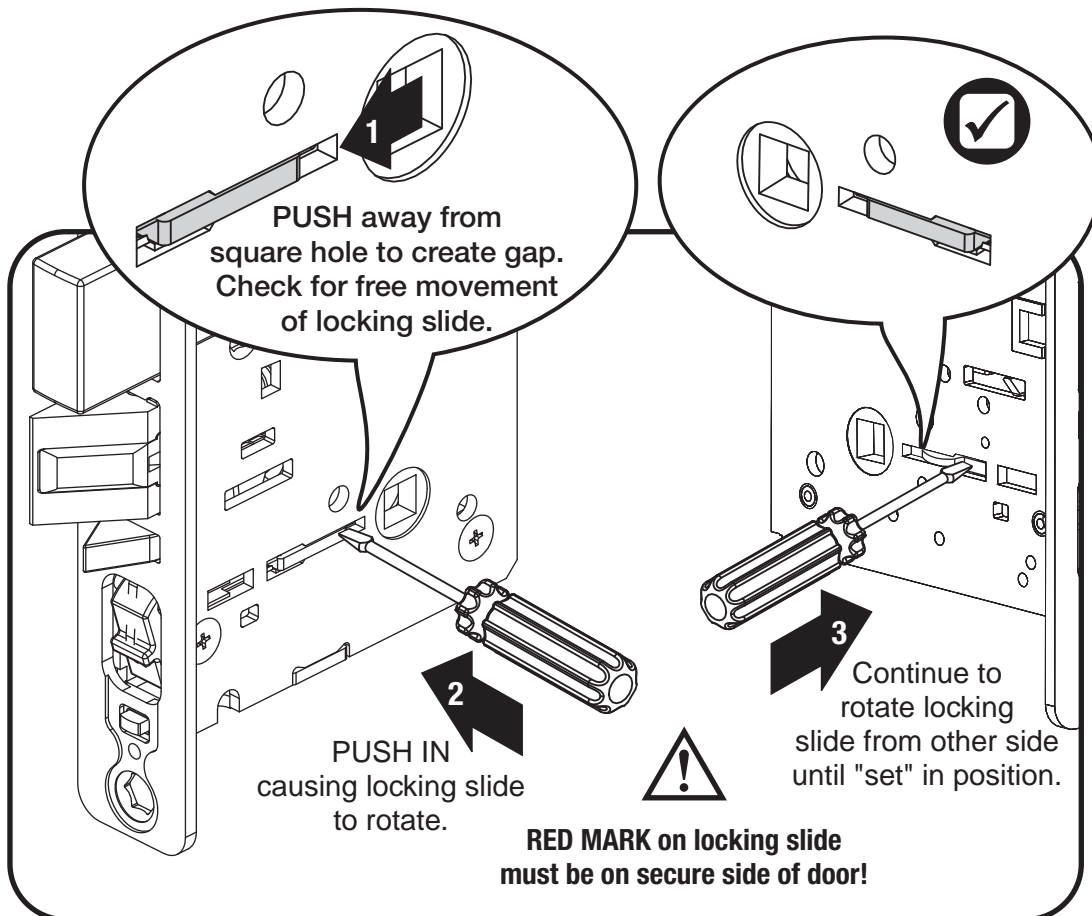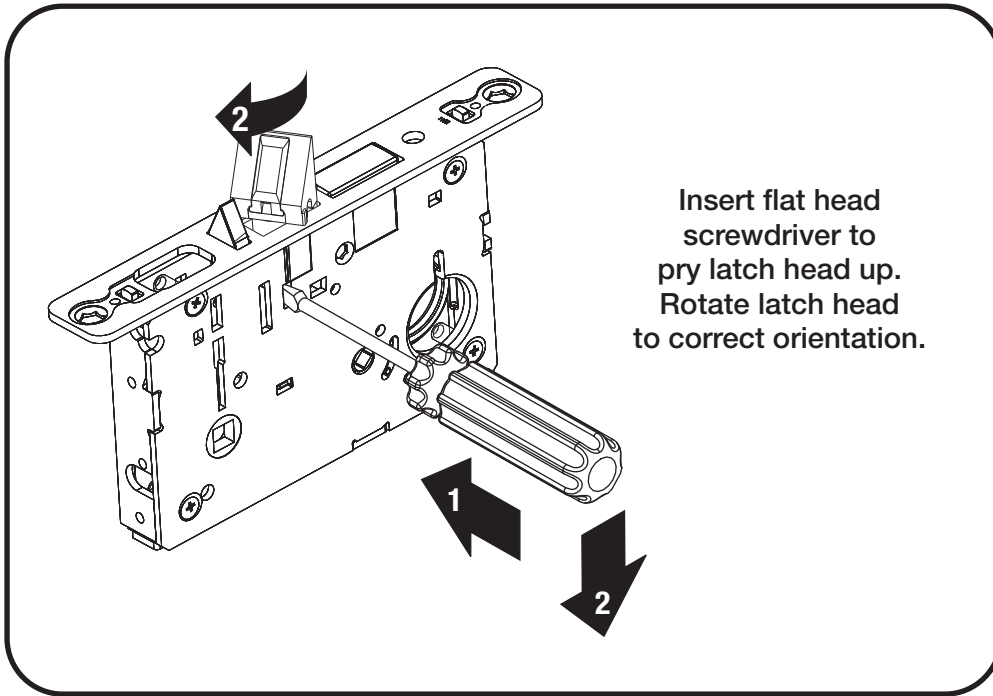
② Preparing Door
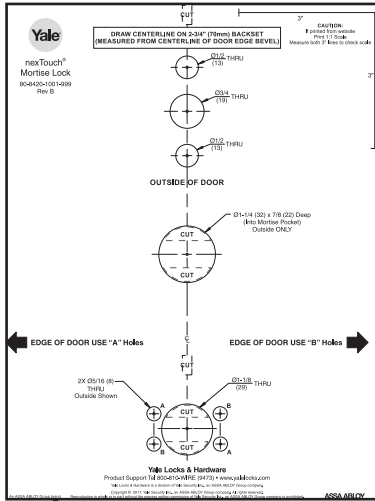
Outside of Door

⚠️

Mortise Key Cylinder Hole: Drill only 1/2 way into door ONLY if lock is equipped with cylinder.

⚠️

Drill thru holes 1/2 way thru door then complete from other side to prevent splitting.

Inside of Door

⚠️

Mortise Lock Cable Hole: Drill only 1/2 way into door (7/8" depth) then STOP!

⚠️

Mortise Deadbolt Thumbturn Hole: Drill only 1/2 way into door ONLY if lock is equipped with deadbolt.

③ Preparing Frame & Installing Strike

#12-24x1" Flat Head Combo Screw

x2

Frame

ⓘ

This prep is standard with or without deadbolt.

Optional Strike Box

Use #3 Philips head screwdriver
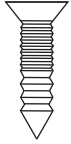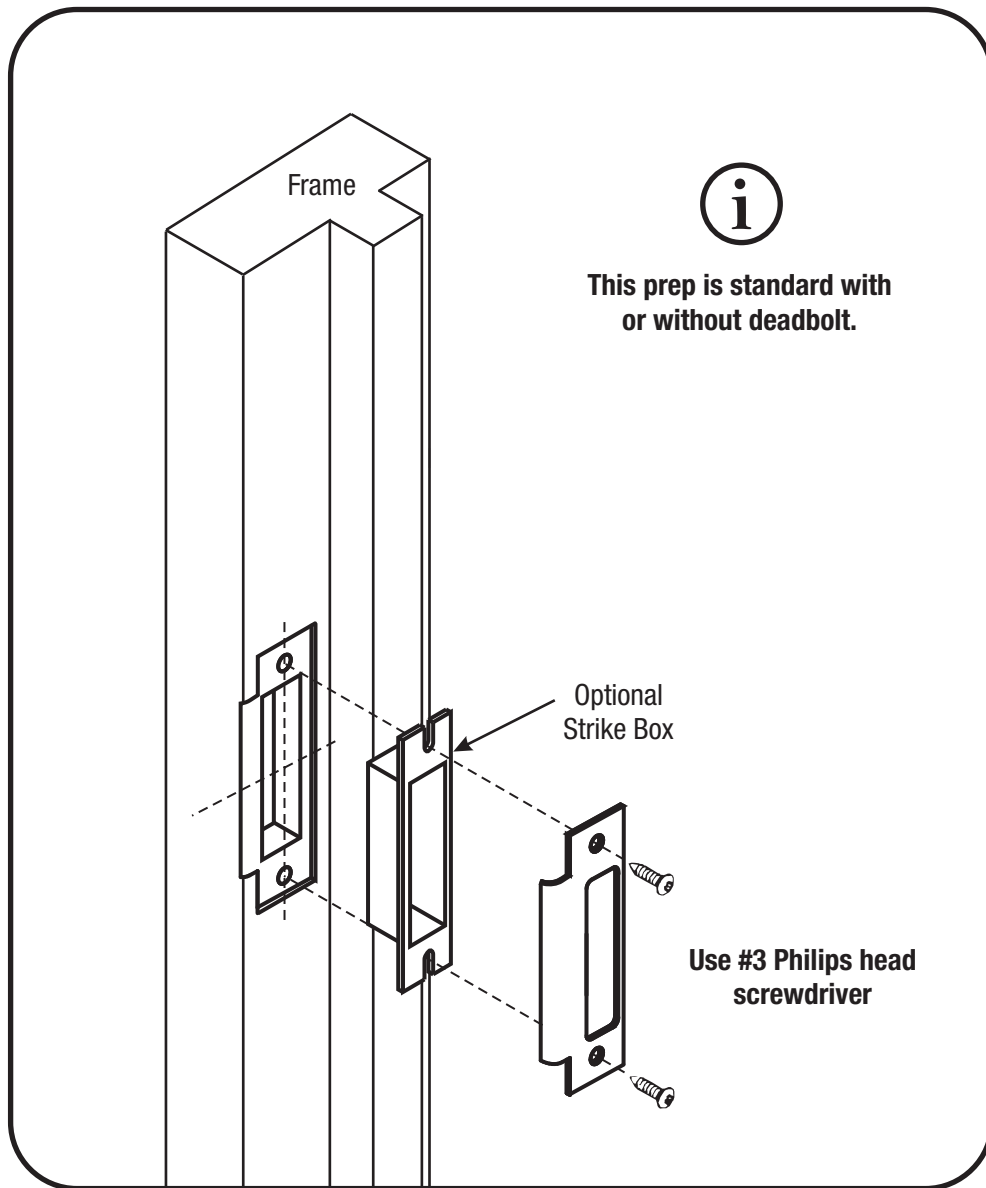
④ Installing Lockbody

#12-24x1" Flat Head Combo Screw

x2

Inside of Door

Mortise Lock Cable Hole

Do not tighten screws until Step 10.

Make sure mortise pocket is free from debris.

Use #3 Philips head screwdriver
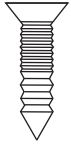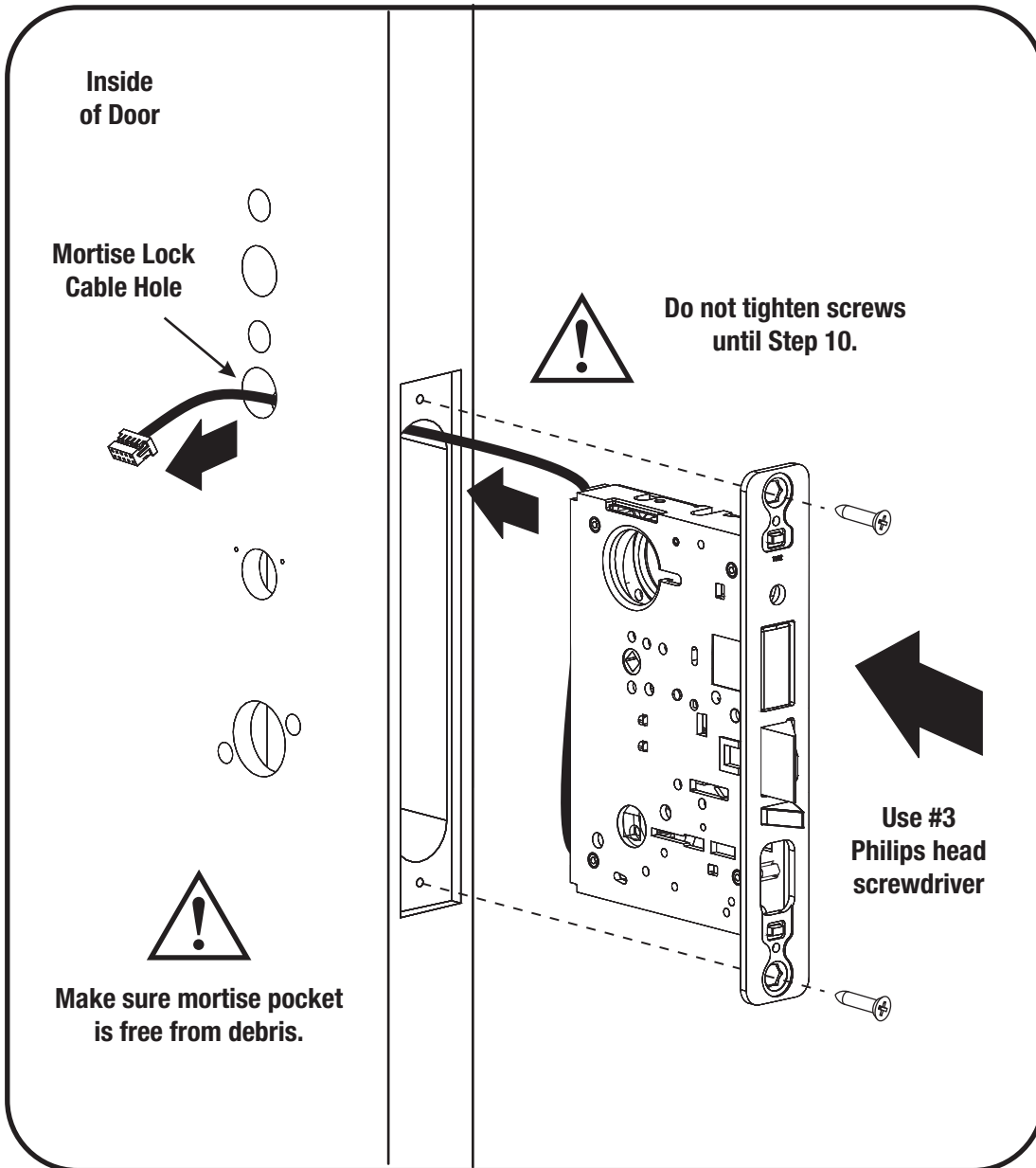
⑤ Installing Key Cylinder (if applicable) For Cylinder Option ONLY

⚠️
It may be necessary to loosen the cylinder set screw before installing the cylinder.

Use #2 Philips head screwdriver

Outside of Door

⚠️
HAND TIGHTEN. Do not use powered screw driver.

Then, use #2 Philips head screwdriver to tighten cylinder set screw.

Outside of Door

First, tighten cylinder until snug against door with the Yale logo horizontal.

1

2
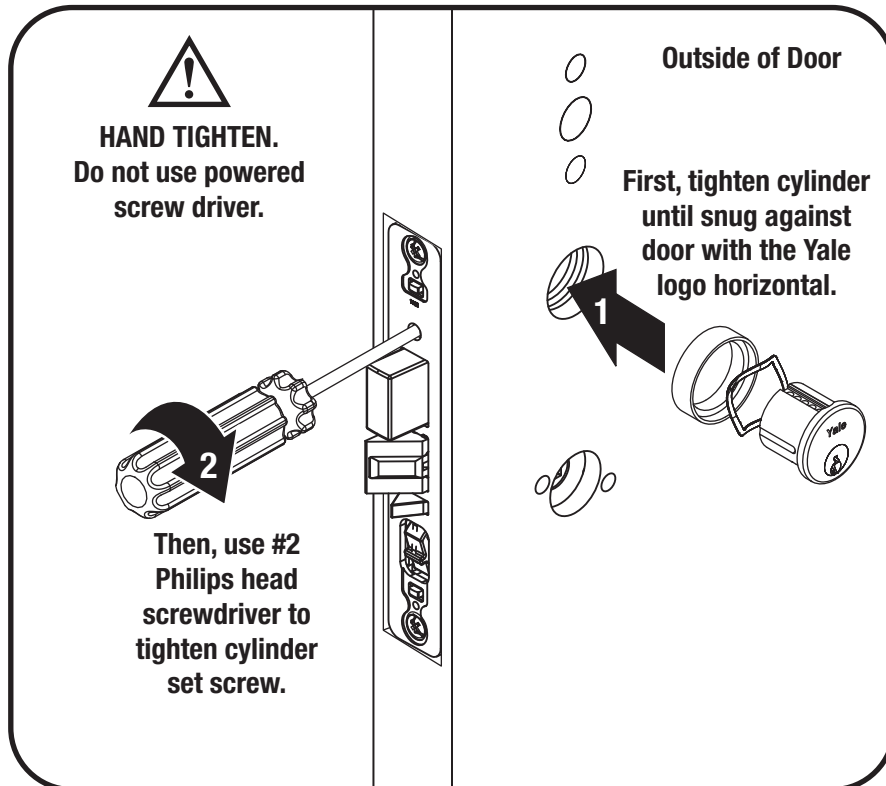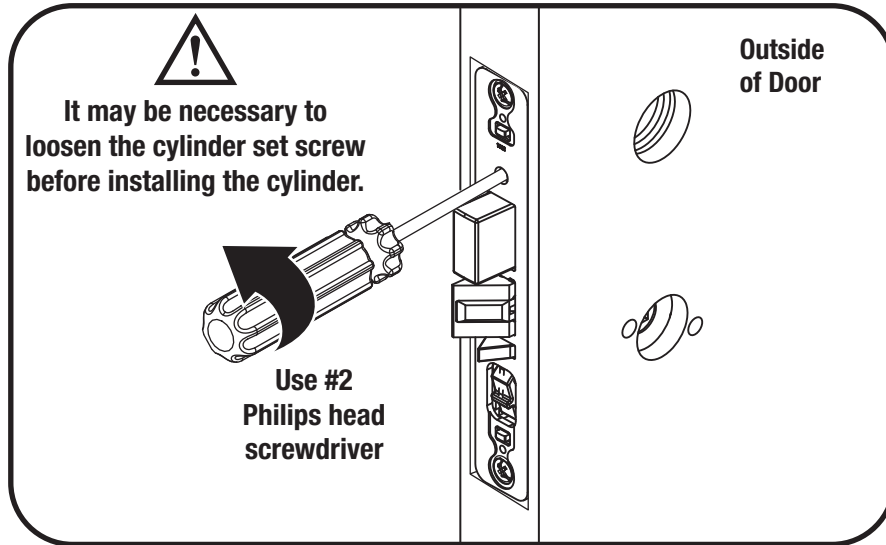
STOP Test Operation

(6) Installing Rose Trim - all types

Adjusting for 1-3/4" to 2-1/4" Door *(if necessary)*

⚠️ Use screw pack for thicker door at this step.
Use appropriate fastener lengths to ensure proper installation.

x2

#8-32x1"
Pan Head Screw
with Thread Locker
(For 1-3/4" Door)

Outside
of Door

If provided

Inside
of Door

⚠️

**Tighten screws
securely but avoid
overtightening and
warping door.**

If provided

**Use #2
Philips head
screwdriver**

7 Preparing Levers

Inside Lever Assembly

Correct Orientation

Inside Spindle

Loosen Inside Spindle 1/2 to 1 turn until Correct Orientation.

Outside Lever Assembly

8 Installing Levers

Pushing levers together, use hex wrench to tighten set screw securely against spindle.

Outside of Door

1

2

3

9 Installing Thumbturn (if applicable) For Deadbolt Option ONLY

#6x3/8" Oval Head Screw

x2

Inside
of Door

Use #2
Philips head
screwdriver
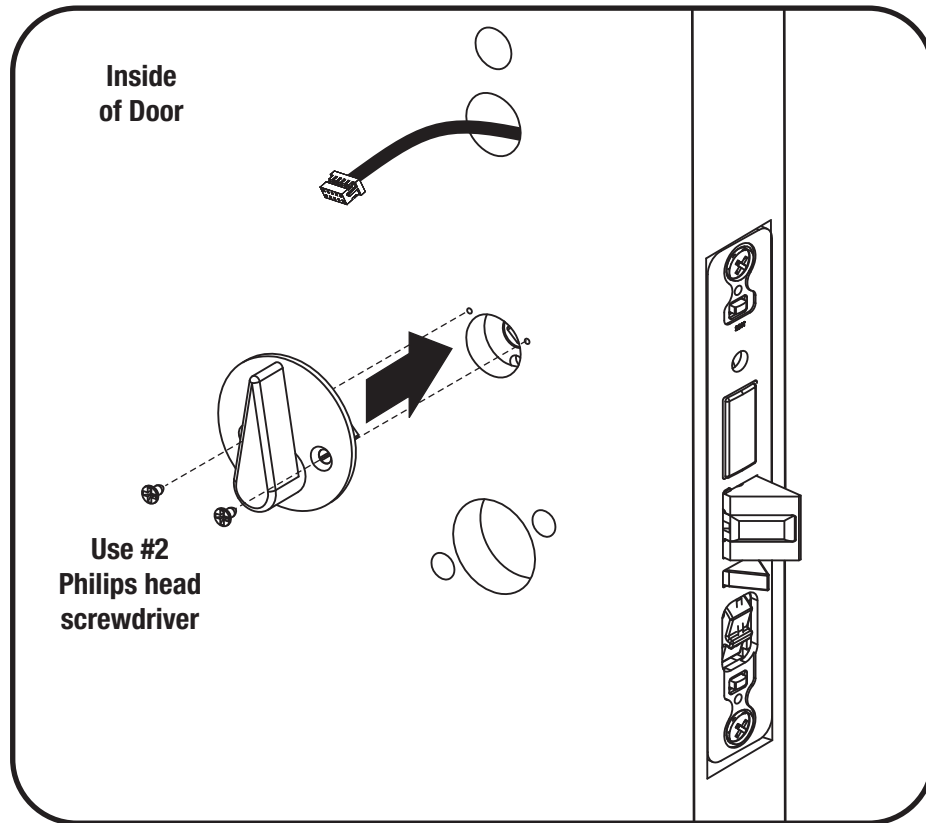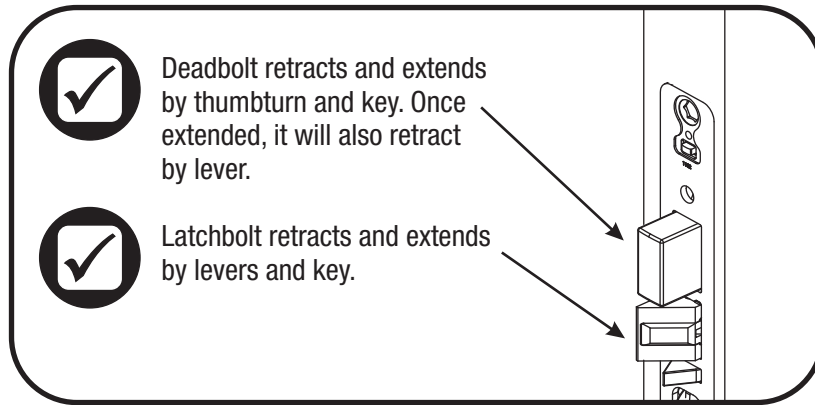
STOP Test Operation

STOP Test Operation
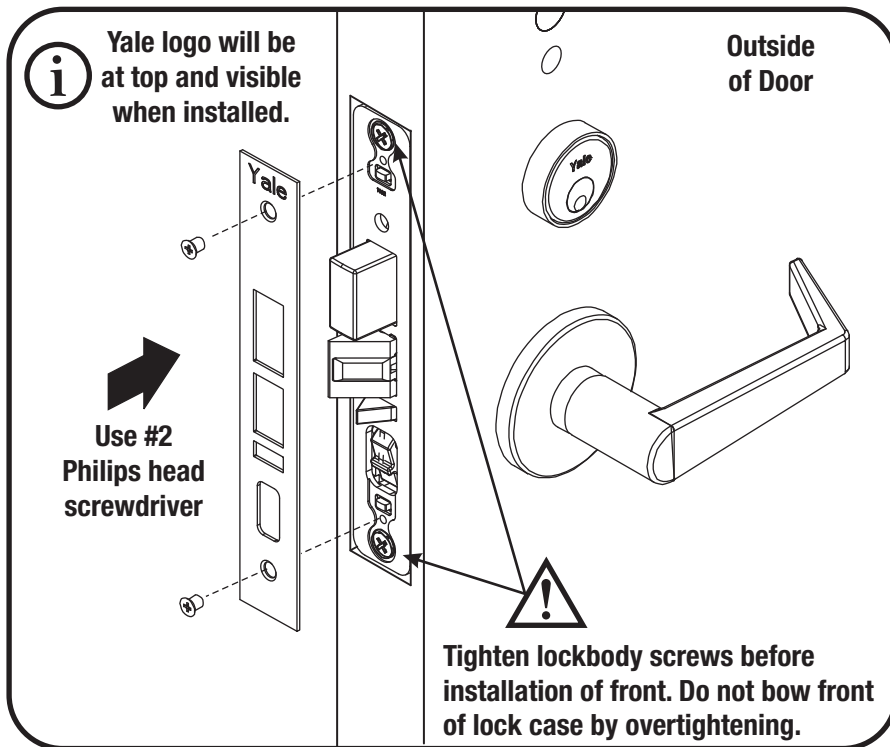
✓ Deadbolt retracts and extends by thumbturn and key. Once extended, it will also retract by lever.

✓ Latchbolt retracts and extends by levers and key.

10 Installing Armor Front

8x32-1/4" Flat Head Screw

x2

i Yale logo will be at top and visible when installed.

Outside of Door

Use #2 Philips head screwdriver

⚠️ Tighten lockbody screws before installation of front. Do not bow front of lock case by overtightening.

STOP Test Operation Again

11 Installing Exterior Escutcheon

Inside
of Door

Yale
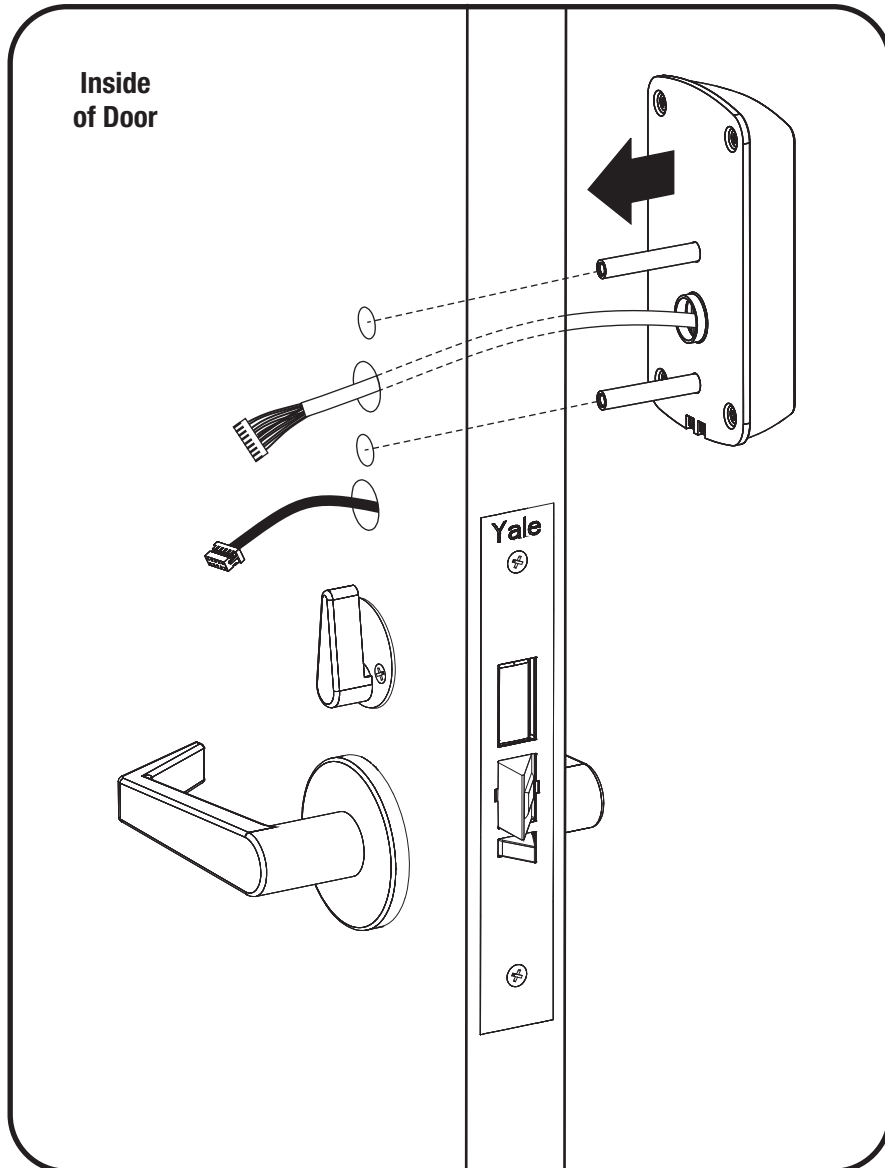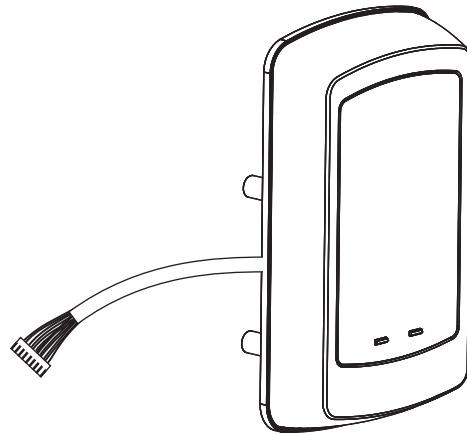
(12) Installing Interior Mounting Plate

#10-32x3/4" Pan Head Screw with Washer
(For 1-3/4" Door)

x2

⚠️

Choose fasteners appropriate for your door thickness.

3/32" Hex Wrench

Inside of Door

Use #2 Philips head screwdriver

Yale

13 Attaching Cables

Inside
of Door

⚠️

**Cables must be clear
of all fastener holes.**
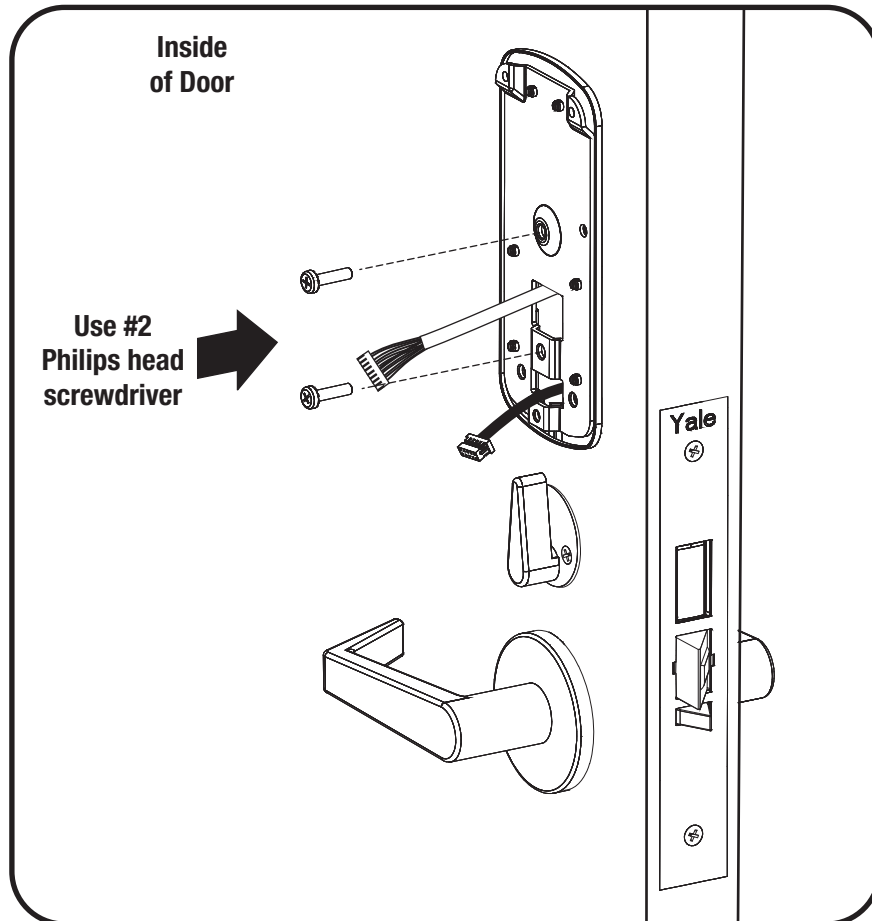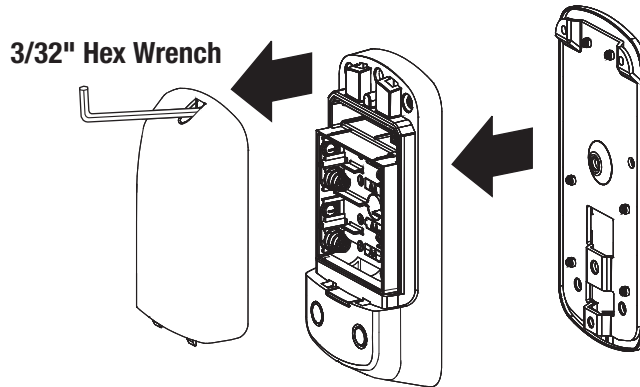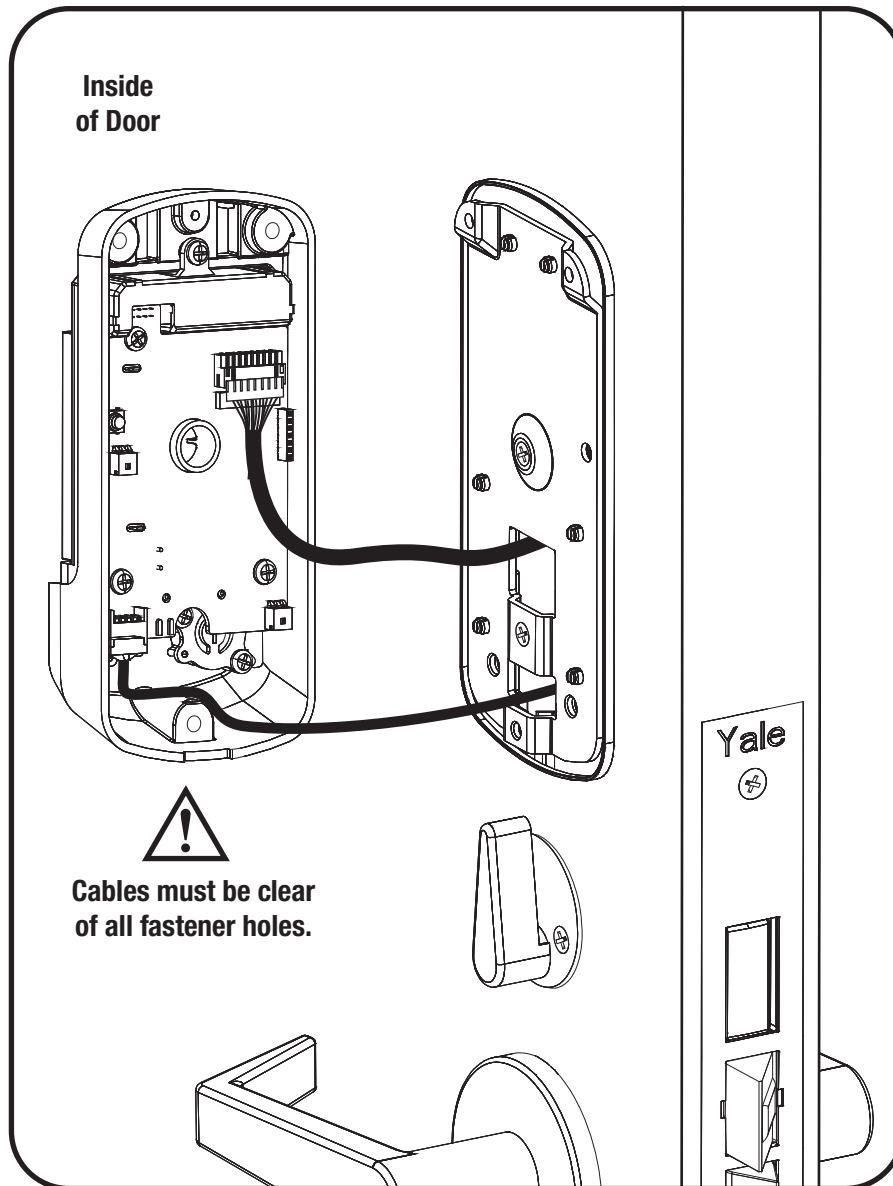
Yale

(14) Installing Interior Escutcheon

#8-32x3/8" Pan Head Screw (Black)

x3

Inside
of Door

Use #2
Philips head
screwdriver

Yale

ASSA ABLOY
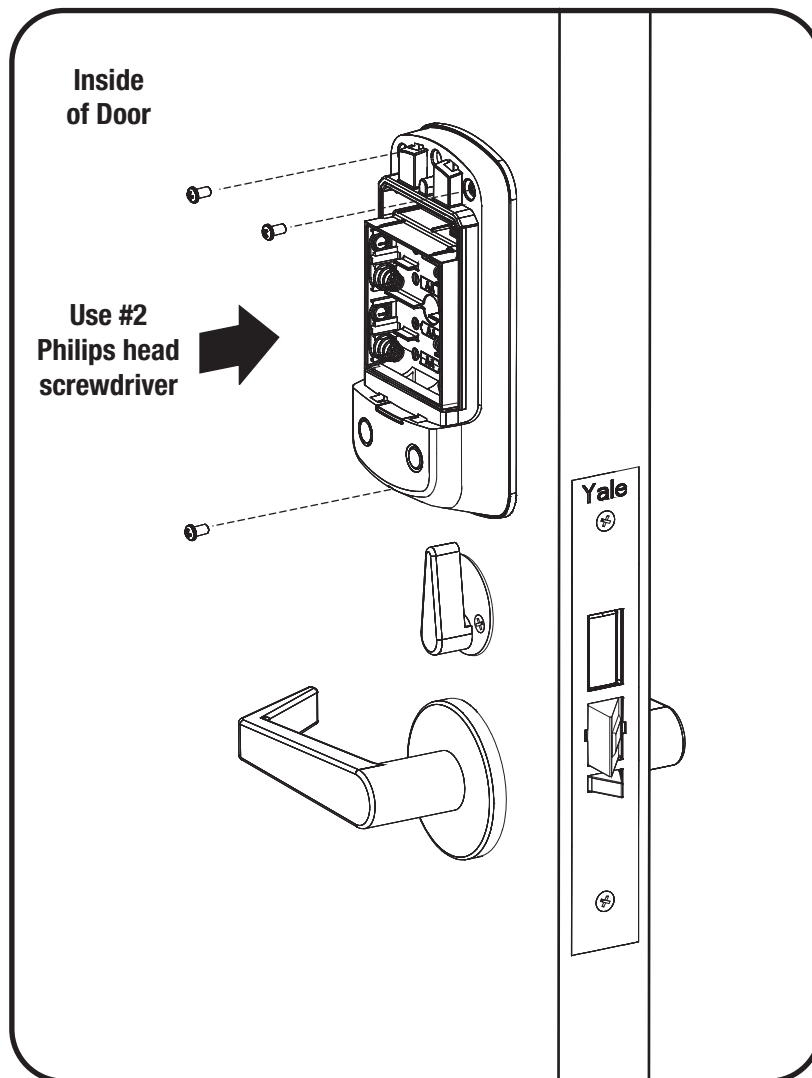
15 Installing Batteries & Cover

"*Welcome to Yale.*"

⚠️
Optional Network or Yale Accentra Key module must be installed BEFORE batteries. See Installation Options.
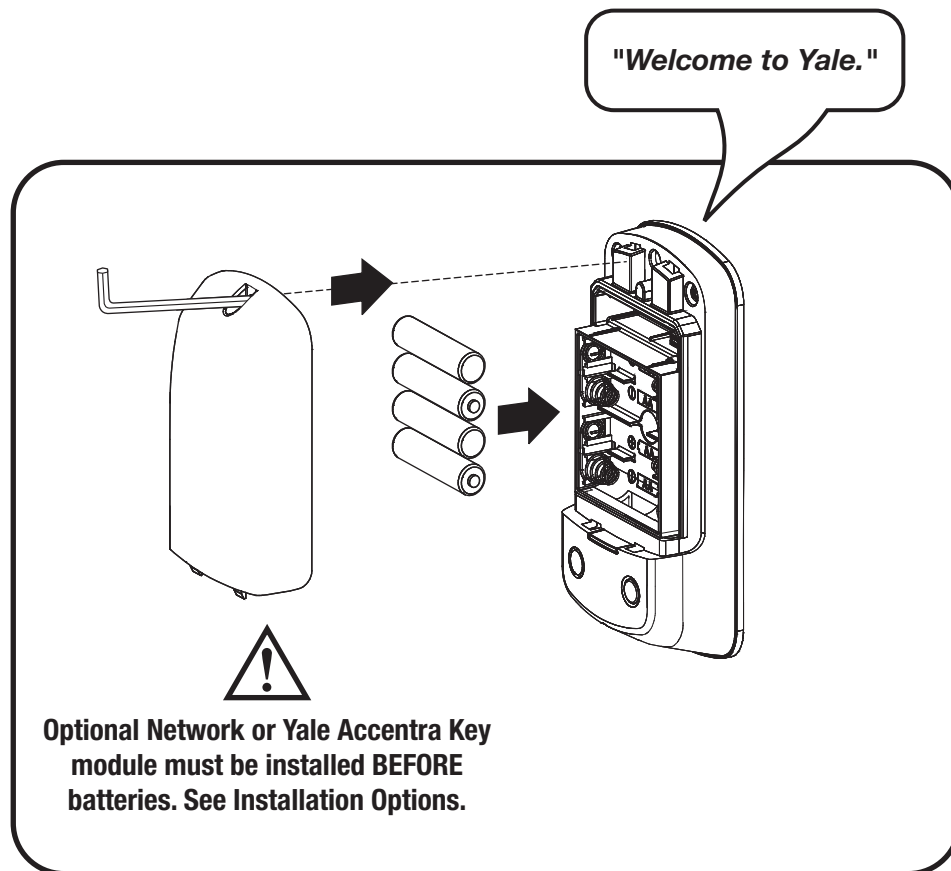
Congratulations, you've installed
the Yale nexTouch® Sectional Mortise Lock!
Continue to customize your product.

ASSA ABLOY

Installation Options

Network or Yale Accentra Key Module

⚠️
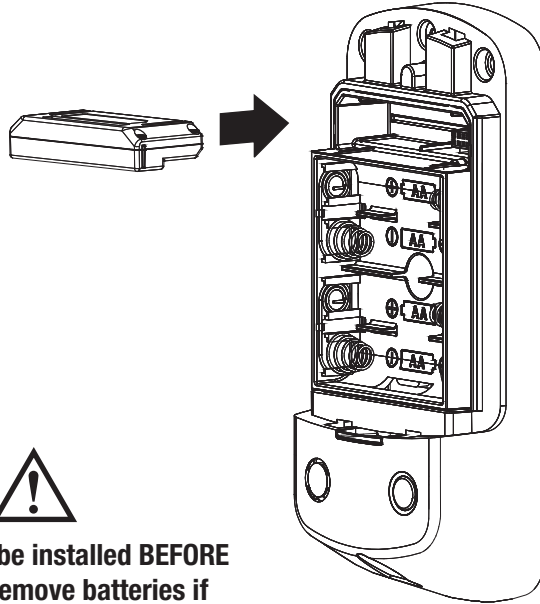
Module must be installed BEFORE batteries. Remove batteries if adding module to existing unit.

Programming Instructions

9Volt Battery
Override Terminal

Low Battery
Indicator

Unlock
Indicator

Lockout Mode
Indicator

Exterior Escutcheon

Indicator
Light

Privacy
Button

Speaker
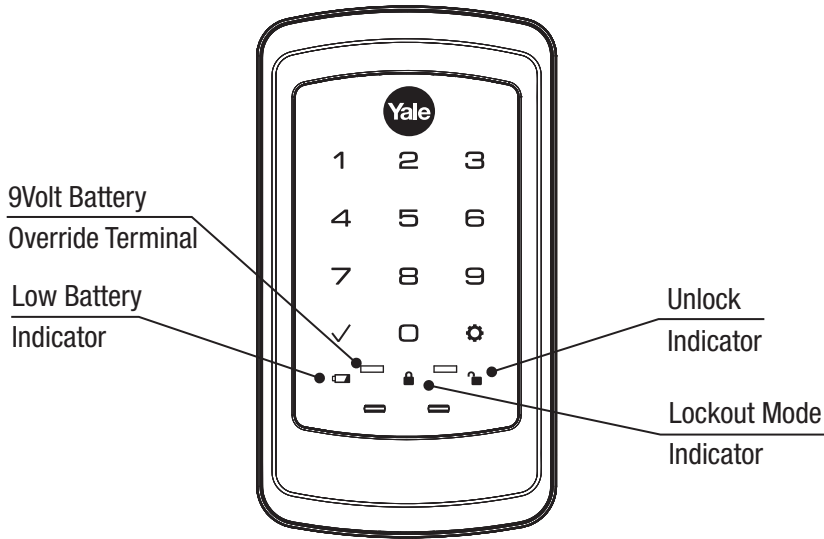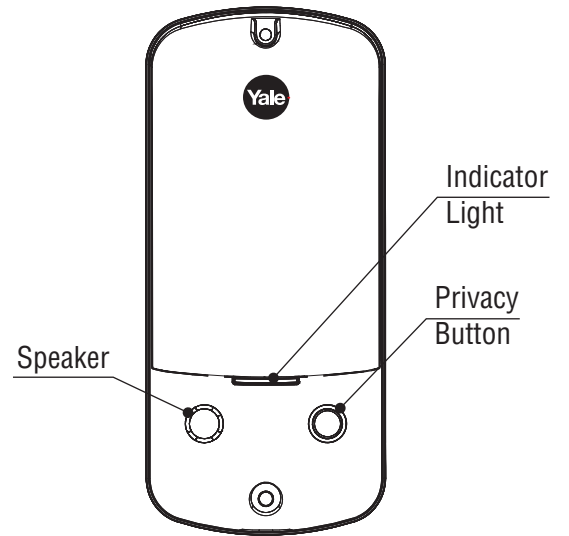
Interior Escutcheon

Lock Activation

OR
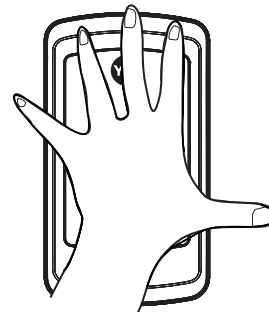
Master PIN Code must be created before any further programming.
Max User Codes = 100 without Radio Module / 500 with Radio Module

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.

Activate Lock

Press ⚙

"Register Master Code. Press the gear key to continue."

Enter 4-8 digit Master PIN Code.

Press ⚙

"Enter a 4-8 digit PIN code. Press the gear key to continue."

Deadbolt Installed: Press 1

No Deadbolt: Press 3

Press ⚙

"Registered."
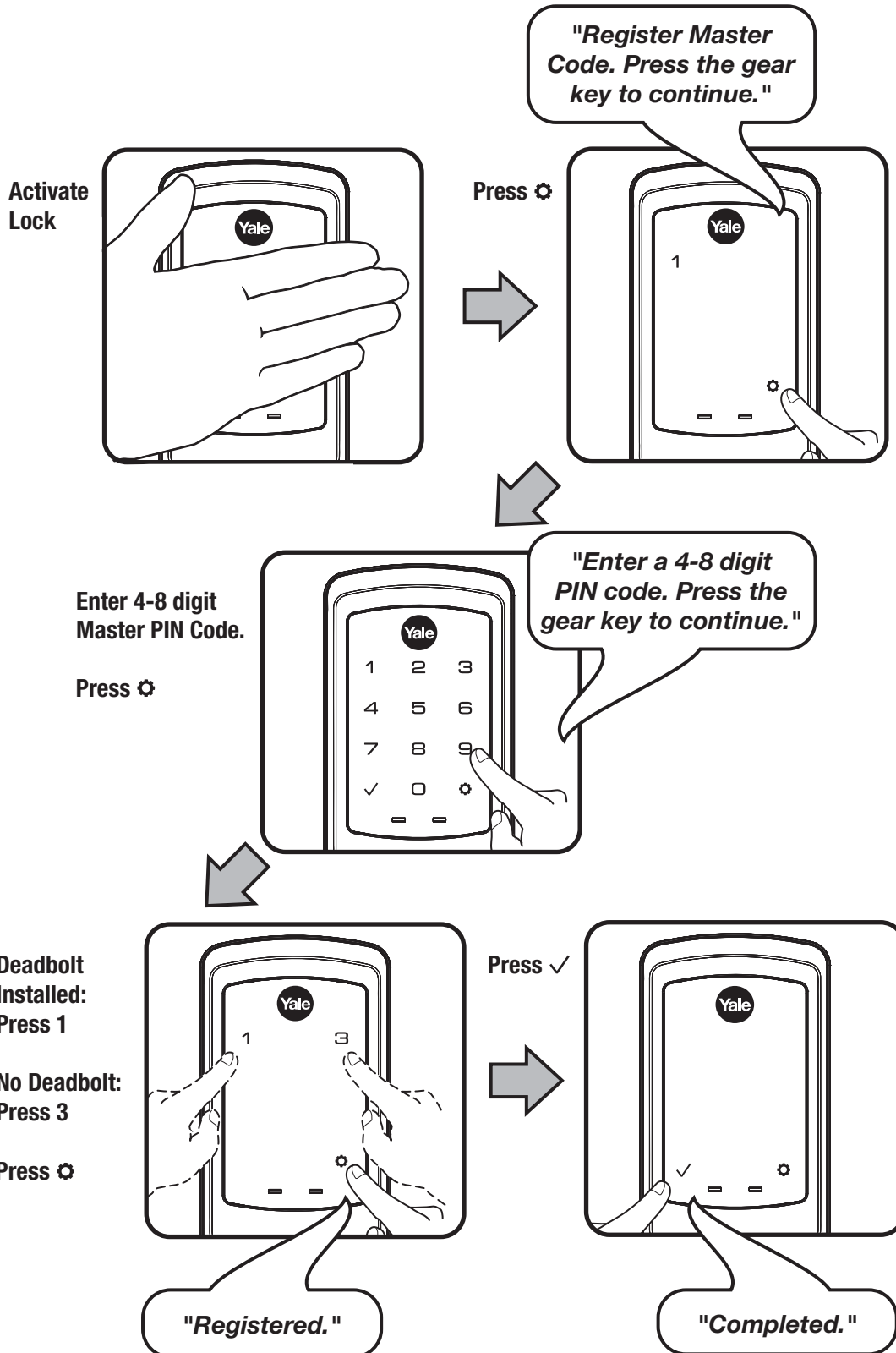
Press ✓

"Completed."

2a Creating User PIN Codes

Master PIN code must be created first.
*Max User Codes = 100 without Radio Module / 500 with Radio Module

Activate Lock

Enter Master PIN code

Press ⚙

"Menu Mode, enter number."

*"Register *User code. Press the gear key to continue."*

Press 2
Press ⚙

"Press 1 to register a code."

"Register User code. Press the gear key to continue."

Press 1
Press ⚙

"PIN code registration. Enter a 4-8 digit PIN code. Press the gear key to continue."
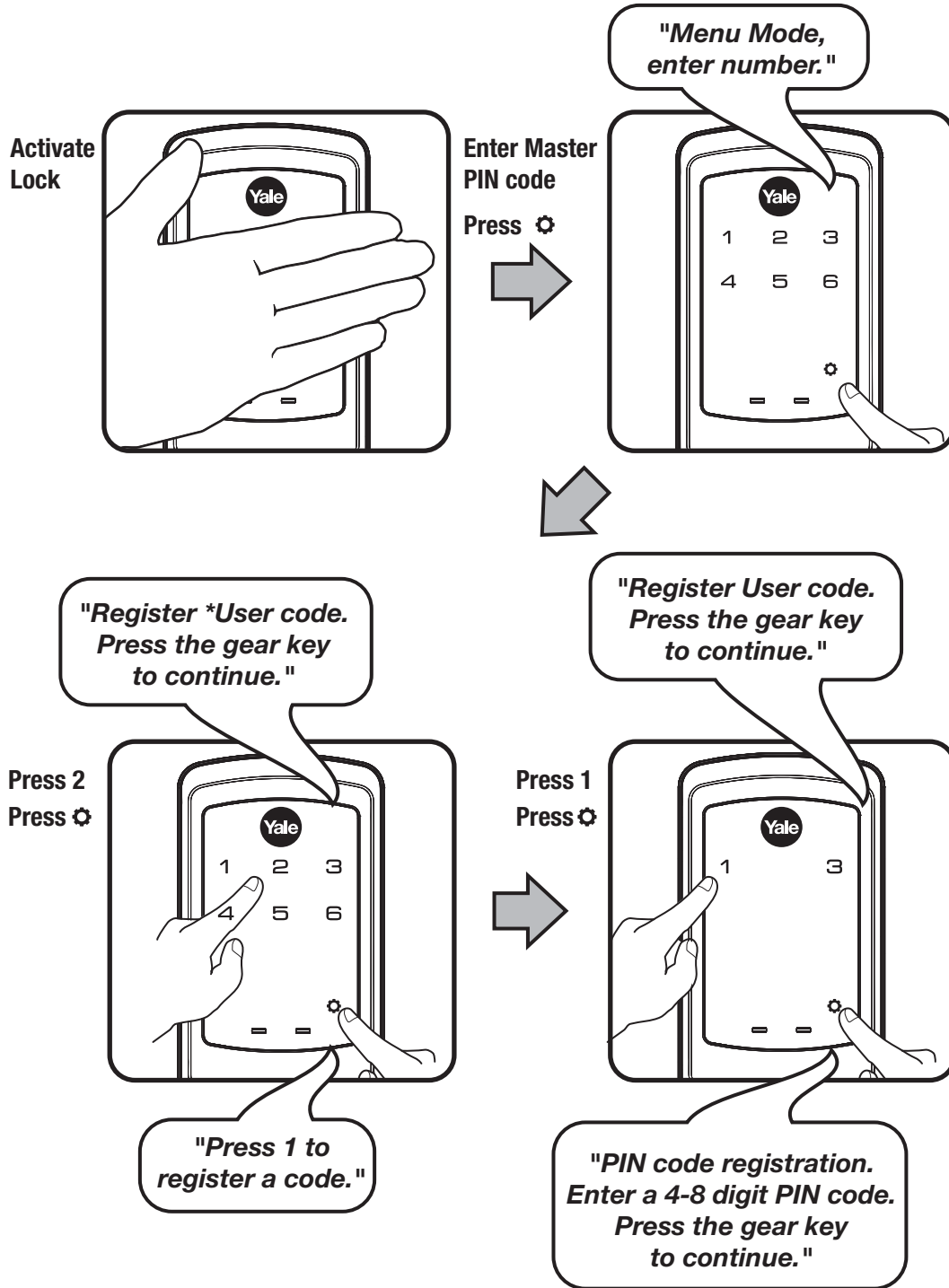
2 b Creating User PIN Codes con't

Enter 4-8 digit PIN code
followed by ⚙
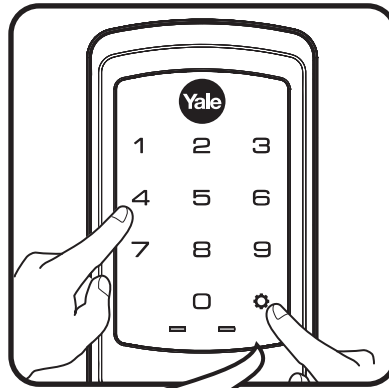
"Registered.
Press the check key to
complete. Press the gear
key to continue."

OR

Adding more User Codes:
Press ⚙
Enter 4-8 digit PIN code
Press ⚙
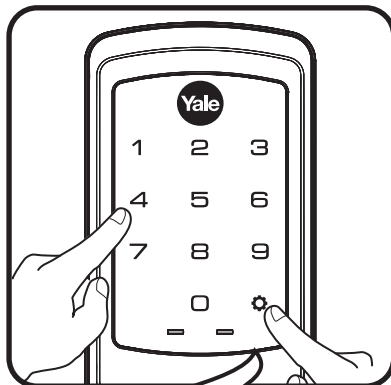
"Registered.
Press the check key to
complete. Press the gear
key to continue."

To end programming:
Press ✓
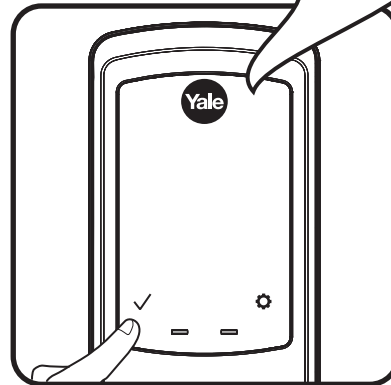
"Completed."

③ Locking & Unlocking Door with Registered Master or User PIN Code

With One Touch Locking Enabled:

OR

Enter PIN Code
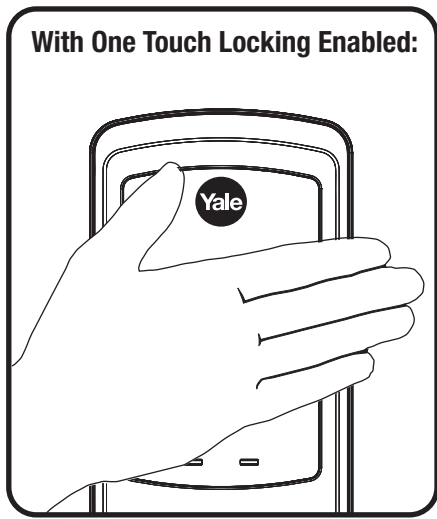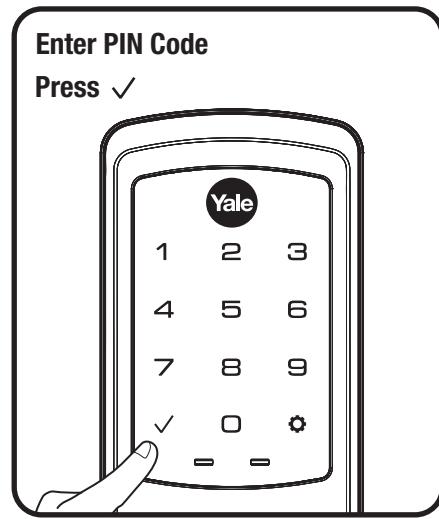
Press ✓

④ Locking Door with Privacy Button
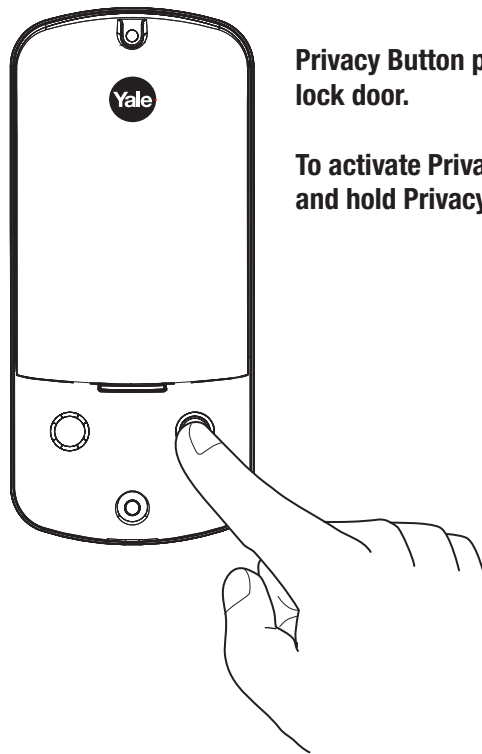
Privacy Button pressed once will lock door.

To activate Privacy Mode, press and hold Privacy Button.

Resetting Lock to Factory Default
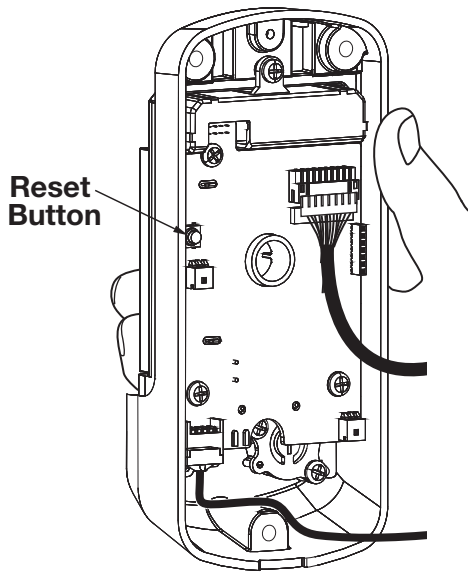
Reset Button

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 Factory Settings).

Interior Escutcheon
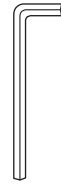
Hex Wrench

#2 Philips Head Screwdriver

IMPORTANT: The outside assembly remains assembled.

1. Remove the battery cover with supplied hex wrench and then remove batteries.
2. Using a #2 Philips head screwdriver, remove the interior escutcheon from the door to access the reset button on back of escutcheon. Cables may stay connected. (See illustration at above for location of the reset button.)
3. Reinstall four (4) AA batteries.

4. Press and hold the reset button for 3 seconds.
5. While continuing to press the reset button, temporarily remove one (1) AA battery.
6. Reinstall the battery.
7. Release reset button and wait approximately 15 seconds. Speaker will announce "Welcome to Yale."
8. Reassemble escutcheon by reversing steps 1-2.

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**
All Code Lockout	Disabled
Automatic Relock	Disabled
Escape Return Mode	Disabled
Inside Indicator Light	Enabled
Language Setting	English
One Touch Locking	Enabled
Privacy Button Mode	Disabled
Shutdown Time	60 Seconds
Volume Setting	High
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. (Main Menu selection #6.)

Automatic Re-lock Time: After a successful unlock, the unit will re-lock automatically after 5 seconds or for a duration selected in the **Advanced Lock Settings** (Main Menu selection #3 then #1).

Eco Mode: When enabled, Eco Mode puts unit in low power mode extending life of battery.

Escape Return: When locking mode is enabled automatic locking is prohibited. Enabled escape return mode requires doors to be physically manipulated in order for the lock body to be re-locked once door is open from the inside.

Inside Indicator Light: This light will blink red when door is locked.

Language Setting Mode: Choose English (1), Spanish (2) or French (3) for the lock's voice prompts. (Main Menu selection #5.)

Low Battery: When battery power is low, the Low Battery Warning indicator flashes RED. If battery power is completely lost, use the 9Volt battery override. To use the 9V battery override apply 9V battery, in either direction, to terminals on the touchscreen for backup power option. Activate the touchscreen and enter your pin code to unlock the door.

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 (Main Menu selection #7) and allows the lock to connect with a network controller.

One Touch Locking: When the unit is unlocked, activating the touchscreen will lock the unit (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. (Main Menu selection #3 then #3.)

Passage Mode: Lock will remain unlocked/open. Lock cannot be locked/secured until passage mode is disabled.

Privacy Button to Lock Door: If Automatic Re-lock is disabled, a short 1 second press of this button will lock the door.

Privacy Button Mode: With optional Door Position Switch installed, Privacy Mode enabled thru Menu Mode and door closed, all keypad functions can be disabled with a 3 second press of the Privacy Button. Privacy Button Mode is disabled by default. Enable Privacy Button Mode thru Main Menu selection #3 then #4. With door closed, press and hold the privacy button until voice prompt indicates Privacy Button Mode is enabled. Privacy Button Mode duration ends when door is opened and voice prompt indicates Privacy Button Mode is disabled.

Shut Down Time: The unit will shut down for sixty (60) seconds and not allow operation after the wrong code entry limit (5 attempts) has been met. When the unit is in Shut down, the keypad will be flashing.

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 is 500.

Volume Setting Mode: The volume setting for PIN code verification is set to **HIGH (1)** by default; otherwise it can be set to **Low (2)** or **Silent (3)** for quiet areas. (Main Menu selection #4.)

Wrong Code Entry Limit: After five (5) unsuccessful attempts at entering a valid PIN code, the unit will shut down and not allow operation. When the unit is in Shut Down, the keypad will be flashing.

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 (Enter digit corresponding to the function to be performed), press the ⚙ key to continue."
3. Follow the voice commands.
4. Press ✓ key to complete the process and conclude the programming session.

(1) ✋ → (2) ᴹ PIN ⚙ → (3) 3 ⚙ , 5 ⚙ , (1 OR 3) ⚙ ✓

1 | Master PIN Code Setting ⚙ → ᴹ PIN ⚙

2 | Register User or Passage Codes ⚙
- **1** | User Code ⚙ — ᵁ PIN ⚙ - ⚙ Continue — ✓ Complete
- **2** | Passage Code ⚙ — ᵁ PIN ⚙ - ⚙ Continue — ✓ Complete
- **3** | Delete A Code ⚙ — ᵁ PIN ⚙ - ⚙ Continue — ✓ Complete

3 | Advanced Lock Settings ⚙
- **1** | Automatic Re-lock ⚙
  - **1** | 1-180 Sec ⚙
  - **3** | **Disable** ⚙
- **2** | Inside Indicator Light ⚙
  - **1** | **Enable** ⚙
  - **3** | Disable ⚙
- **3** | One Touch Locking ⚙
  - **1** | **Enable** ⚙
  - **3** | Disable ⚙
- **4** | Privacy Button Mode ⚙
  - Without Deadbolt
    - **1** | Enable ⚙
    - **3** | **Disable** ⚙
  - With Deadbolt
    - **1** | Enable ⚙
    - **2** | Enable Privacy W/Deadbolt ⚙
    - **3** | **Disable** ⚙
- **5** | Configure Deadbolt ⚙
  - **1** | Deadbolt Included ⚙
  - **3** | Deadbolt Not Included ⚙
- **6** | Escape Return Mode ⚙
  - **1** | Enable ⚙
  - **3** | **Disable** ⚙
- **7** | Eco Mode ⚙
  - **1** | Enable ⚙
  - **3** | **Disable** ⚙

⚙ Continue

✓ Complete

Default settings in **bold.**

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

**This function appears only with Network or Yale Accentra Key module installed.

4 | Volume Setting ⚙
- **1** | **High** ⚙
- **2** | Low ⚙
- **3** | Silent ⚙

5 | Language Setting ⚙
- **1** | **English** ⚙
- **2** | Spanish ⚙
- **3** | French ⚙

6 | All Code Lockout ⚙
- **1** | Enable ⚙
- **3** | **Disable** ⚙

7 | **Network Module Setting ⚙
- **1** | Join the network ⚙
- **3** | Exit the network ⚙

0 | **Set-up Digital Keys ⚙

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 cable is fully connected and not pinched.
Lock does not respond – door is locked and inaccessible.	• Batteries may be completely discharged. • Apply 9V battery to terminals on the touchscreen for emergency power jump option.
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 for another locking device on the door (i.e. deadbolt). • Check the door gaps for any foreign objects between door and frame. • Check that the motor cable is firmly connected into the PC board marked "MOTOR". • Check that the locking slide moves freely and there is no foreign material in mortise pocket.
Unit operates to allow access, but will not automatically re-lock.	• Check to see if Auto Re-lock Mode is enabled. • 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 20 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.	• Check to see if All Code 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 All Code Lockout Mode is enabled. • Only the Master can enable/disable Lockout Mode. Contact the Master user.
The unit operates, but it makes no sound.	• Check to see if Volume is set to Silent.
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 4-8 digits followed by the check ✓ key.
Lock will not enter privacy mode.	• Check to see if enabled. • Make sure door gap is correct. • Hold the privacy button longer.

NOTE: 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).

P/N 80-9086-0030-010 (03-18)

ASSA ABLOY

FCC:

NOTE: 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 device complies with Industry Canada licence-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, meme si le brouillage est susceptible d'en compromettre le fonctionnement.

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 actioner cet équipment.

For easy 3D instructions,
download the BILT
mobile app

Yale Locks & Hardware

Product Support Tel 800.810.WIRE (9473)

www.yalelocks.com

Yale Locks & Hardware is a division of
Yale Security Inc., an ASSA ABLOY Group company.

YALE, with its unique global reach and range of products, is the world's favorite lock
— the preferred solution for securing your home, family and personal belongings.

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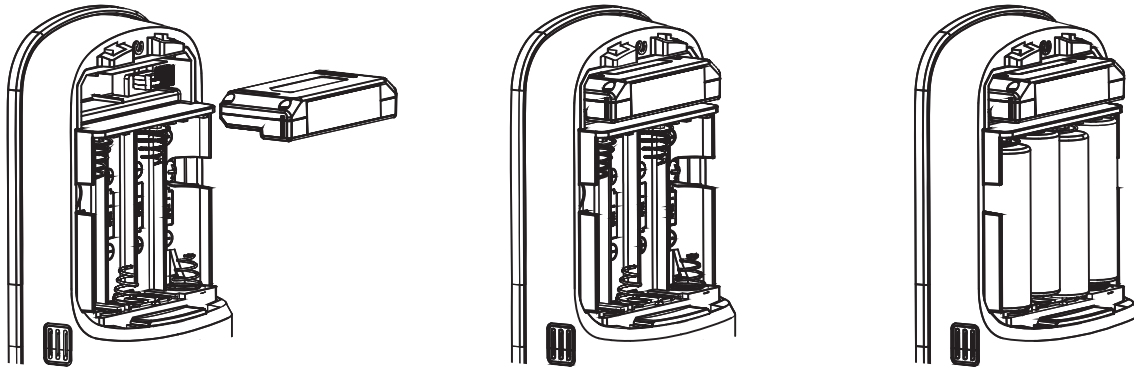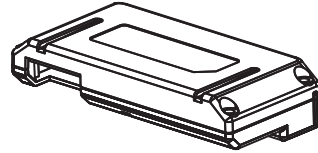
Installing the Z-Wave® Plus Module

IMPORTANT: the batteries <u>must</u> 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.

Adding / Removing 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 Add the Module (Inclusion Mode):
- Enter the 4-8 digit Master PIN code followed by the 🔧 key.
- Press the 7 key followed by the 🔧 key.
- Press the 1 key followed by the 🔧 key.

To Remove the Module (Exclusion Mode):
- Enter the 4-8 digit Master PIN code followed by the 🔧 key.
- Press the 7 key followed by the 🔧 key.
- Press the 3 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 specific Z-Wave Plus association and parameter information for your lock, please visit YaleResidential.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 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

Product Support Tel 800.810.WIRE (9473) • www.yalelocks.com

Yale Locks & Hardware is a division of Yale Security Inc., an ASSA ABLOY Group company.

YALE, with its unique global reach and range of products, is the world's favorite lock – the preferred solution for securing your home, family and personal belongings.

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

Yale Locks

Z-Wave+ System Integrators Guide

Yale nexTouch Sectional Mortise Keypad Lock

NTM 610/615/620/625/630/635/640/645

ASSA ABLOY

The global leader in door opening solutions

Contents

Yale Z-Wave+ Info

Manufacturer ID: Assa Abloy (0x0129)

Z-Wave Device Type: Door Lock Keypad

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

Product ID: 0x0A00

Product Type ID:

> 0x8008 – NTM620/625/640/645-ZW2 (Touch Screen interface)

> 0x8008 – NTM610/615/630/635-ZW2 (Push Button Interface)

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	5	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:

Alarm Reports	_Alarm type_	_Alarm Level_	_Description_	_Notification Type_	_Event_
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
User deleted	0x21	0x(01-max users)	User was deleted. Alarm level = user slot number	0x06	0X0D(0X0C)
Tamper Alarm	0xA1	0x01	keypad attempts exceed code entry limit	0x06	0X10
		0x02	front escutcheon removed from main	0x06	0xFE
RF Operate Unlock	0x19	0x01	by RF module	0x06	0X04
Keypad Unlock	0x13	0x(01-max users)	Where Alarm level represents user slot number (0xFB = 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

RF Operate Lock	0x18	0x01	by RF module	0x06	0x03
Keypad Lock	0x12	0x (01 – max users)	Where Alarm level represents user slot number	0x06	0x05
Non Access	0x26	0x(01-max users)	A Non Access Code was entered at the lock. Where alarm level represents user slot number	0x06	0xFE
Low Battery Alarms**	0xA8	0x (Current %)	Critical Battery Level (Starting at 4.6V)	0x08	0x0B
	0xA7	0x (Current %)	Low Battery (Starting at 4.4V)	0x08	0x0A
Auto Lock Operate Locked	0x1B	0x01	Auto re-lock cycle complete, locked.	0x06	0x09
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.	0x06	0x0F
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.	0x08	0x01
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	0x06	0xFE

			user is out of schedule this alarm will be sent instead of the non-access alarm.		
Door Position Sensor	0x2B	0x00	Door Opened	0x06	0x16
		0x01	Door Closed	0x06	0x17
		0x02	Door Propped (Door Open for longer than configurable door propped time)	0x06	0xFE
Daily Repeating Schedule Set/Erased	0x60	0x(01-max users)	Schedule(s) has been set/erased for specified user ID	0x06	0xFE
Daily Repeating Schedule Enabled/Disabled	0x61	0x(01-max users)	Schedule(s) has been enabled/disabled 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
Year Day Schedule Enabled/Disabled	0x63	0x(01-max users)	Schedule(s) has been enabled/disabled for specified user ID	0x06	0xFE
All Schedule Types Erased	0x64	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
Deadbolt Secured/Unsecured	0x2A	0x0000	Deadbolt Secure	0x06	0XFE
		0x0001	Deadbolt Extended/Secured	0x06	0xFE
Lever Rotated (Rx)	0x29	0x0000	Lever was rotated. WGA10 does not distinguish between inside/outside levers	0x06	0xFE

** - 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

Configuration Parameters	*Parameter Number*	*Size*	*Description*
Silent mode on/off	1	1 byte	Level control, 1 = High Volume, 2 = Low Volume, 3 = Silent. **Default is 1 or High Volume**
Auto Relock on/off	2	1 byte	**0x00 = OFF**, 0xFF = ON **default is 0x00 or OFF**
Auto Relock time	3	1 byte	1 to 180 seconds **default is 03 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 03 = passage mode, Lock is permanently unlocked.
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 0xFF or ON.**
Reset To Factory Defaults	15	1 byte	01 = Lock will execute Reset To Factory. **No default value**
Escape Return Mode	16	1 byte	**0x00 = OFF**, 0xFF = ON **default is 0x00 or OFF** Enables the Escape Return mode of operation for the lock.
Door Propped Timer	18	1 byte	10 to 2540 second. This value is represented as seconds X 10. (ie a value of 4 would mean a door propped timer of 40 seconds) Set to 0x00 to disable Door Propped Alarm. **Default = 0x00 (OFF)**

DPS Alarms(Ax sensor)	19	1 byte	0x00 = OFF, 0xFF = ON **Default is 0xFF or ON.** Used to enable/disable door condition alarms for locks that support a door position sensor. Any lock that does not support DPS will always report 0x00.
Deadbolt Installed	20	1 byte	0x00 = NO deadbolt , 0xFF = YES deadbolt **Read only** parameter. Some locks contain optional deadbolt hardware. This parameter is used to determine if one is installed.
Eco Mode On/Off	21	1 byte	**0x00 = OFF**, 0xFF = ON **default is 0x00 or OFF** If supported switches lock to lower power mode of operation with reduced sound and led brightness.
Privacy Mode with Deadbolt	22	1 byte	**0x00 = OFF**, 0xFF = ON **default is 0x00 or OFF** If enabled then extending the deadbolt will put the lock into Privacy Mode.
Lock Body Alarms Mask	23	1 byte	Each bit controls one alarm. 1 = alarm enabled, 0 = alarm disabled. **0xFF = All Alarms on, Default is 0xFF.** Bit 0: DPS Alarm (AX) (Duplicate of parameter 19. Values should be tied together) Bit 1: Deadbolt Alarm Bit 2: Lever Rotated (Rx) Bit 3 – 7: Not Used

*** - Additional hardware required. These parameters are only active if the optional Door Position Switch has been installed with the lock.