

TRU-BOLT®

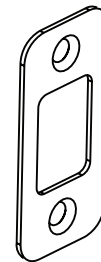
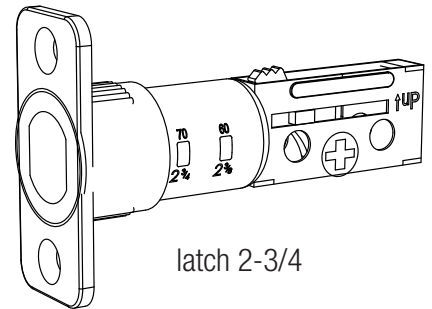
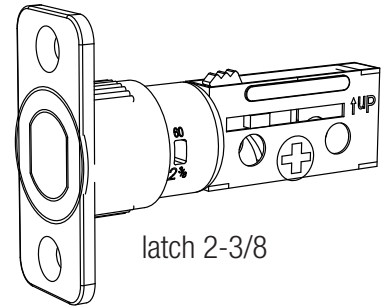
USER MANUAL



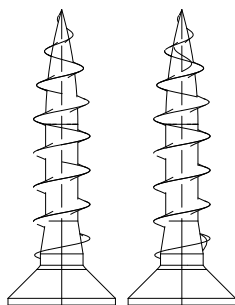
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INSTALLATION INSTRUCTIONS

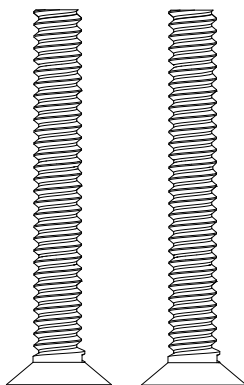
ELECTRONIC DEADBOLT WITH KEYPAD



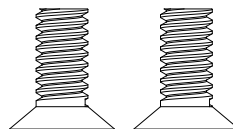
Deadbolt Strike Plate



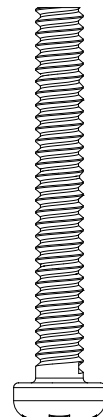
Screw A (5ea.)



Screw B (2ea.)



Screw C (2ea.)



Screw D (1ea.)

Do NOT use electric screwdriver, only hand tighten screws with phillips head screwdriver. DO NOT OVER TIGHTEN SCREWS.

INSTALLATION INSTRUCTIONS

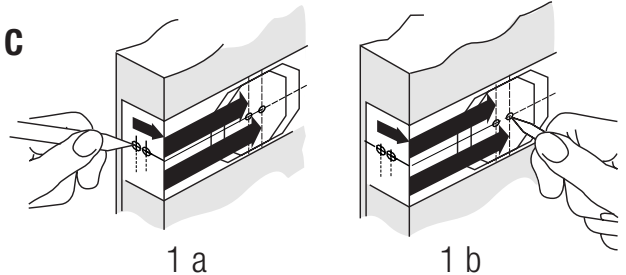
DRILLING HOLE IN DOOR

Please read and understand this entire manual before attempting to assemble, operate or install the product.

1. MARK DOOR FOR DRILLING

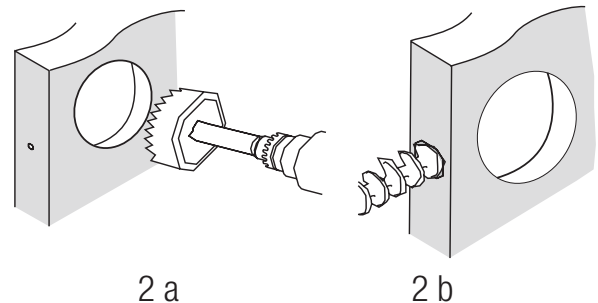
Note: If your door has pre-drilled holes skip to step 3 C

- Start 36" from floor. Fold and apply template (page 17) to high edge of door.
- Mark center hole on door face through guide on template for 2-3/8" (60 mm) or 2-3/4" (70 mm) backset.



2. DRILLING HOLES

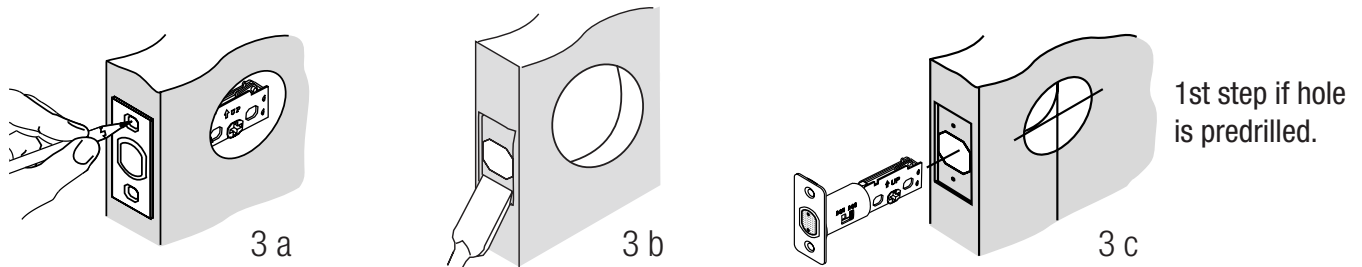
- Drill 2-1/8" hole through door face as marked for lock set.
- Drill 1" hole in center of door edge for latch.



3. MARKING THE JAMB HOLE LOCATION

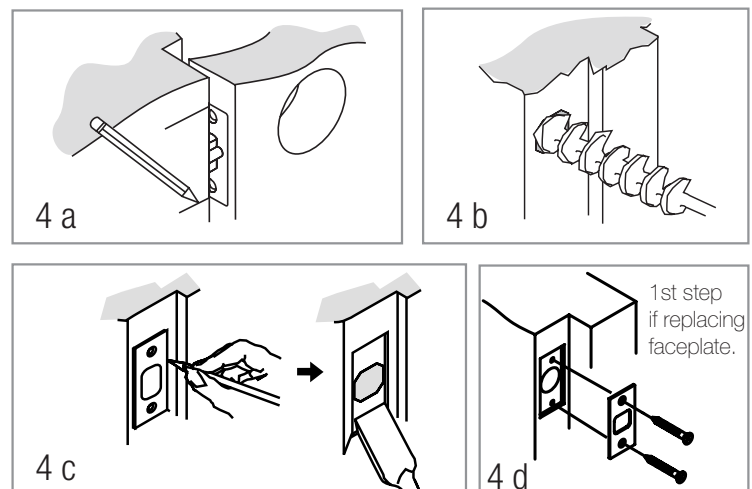
- Insert latch in hole keeping it parallel to face of door. Mark outline and remove latch.
- Chisel 1/8" deep or until latch face is flush with door edge.
- Insert latch and tighten screws.

Note: for drive in latch DRILL HOLE size indicated on template and PRESS latch until it is flush with door edge.

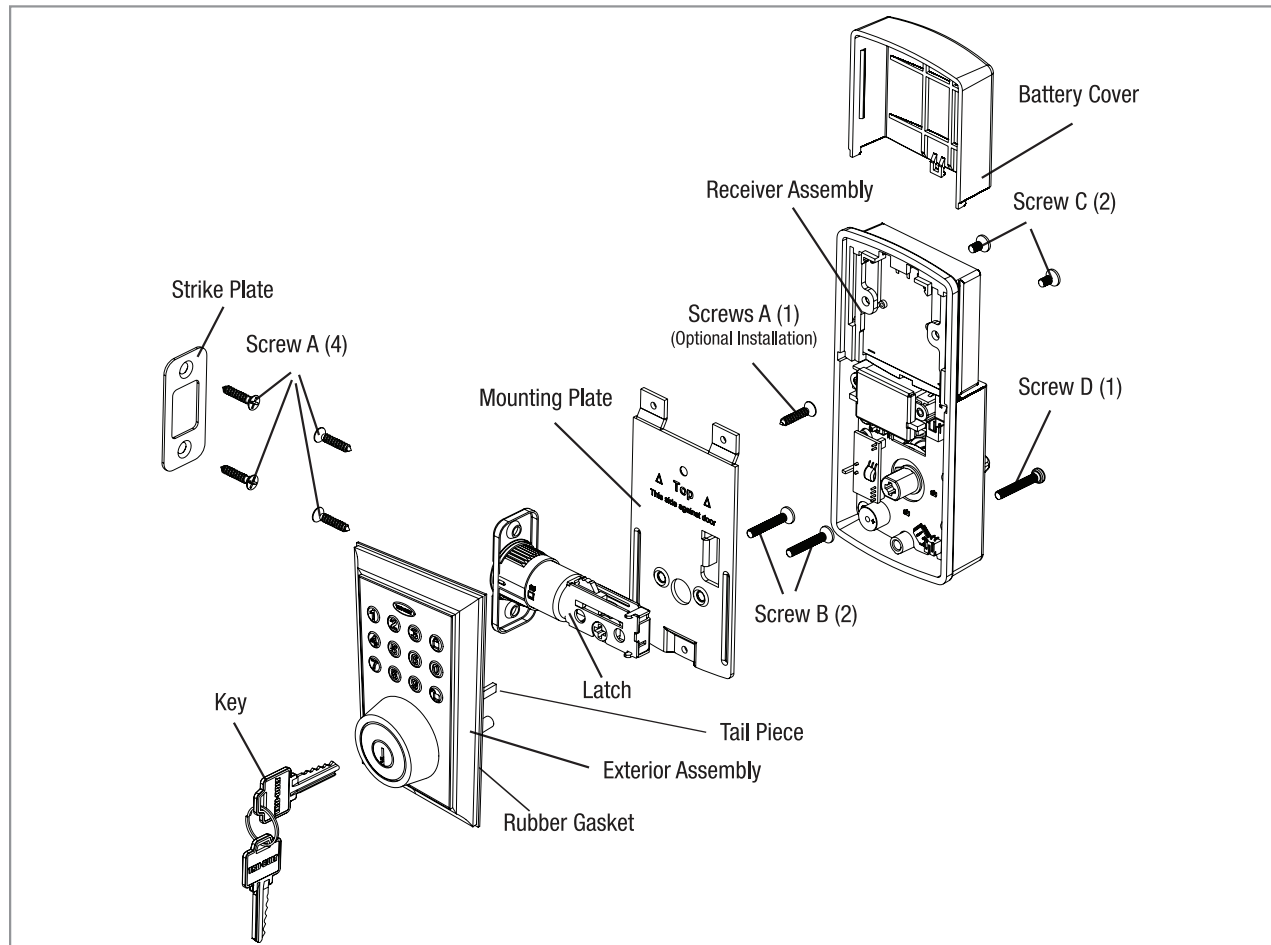


4. INSTALL DEADBOLT STRIKE PLATE

- Mark template from edge of jamb and locate strike opening.
- Drill 1" hole 1 3/16" deep in door jamb on center line of screws.
- Outline outside edges of strike. Chisel 1/6" deep for strike or until flush.
- Install strike and tighten screws (A).



INSTALLATION OVERVIEW



INSTALLATION INSTRUCTIONS

GETTING STARTED

For troubleshooting tips and “how to videos” visit **www.truboltlocks.info**

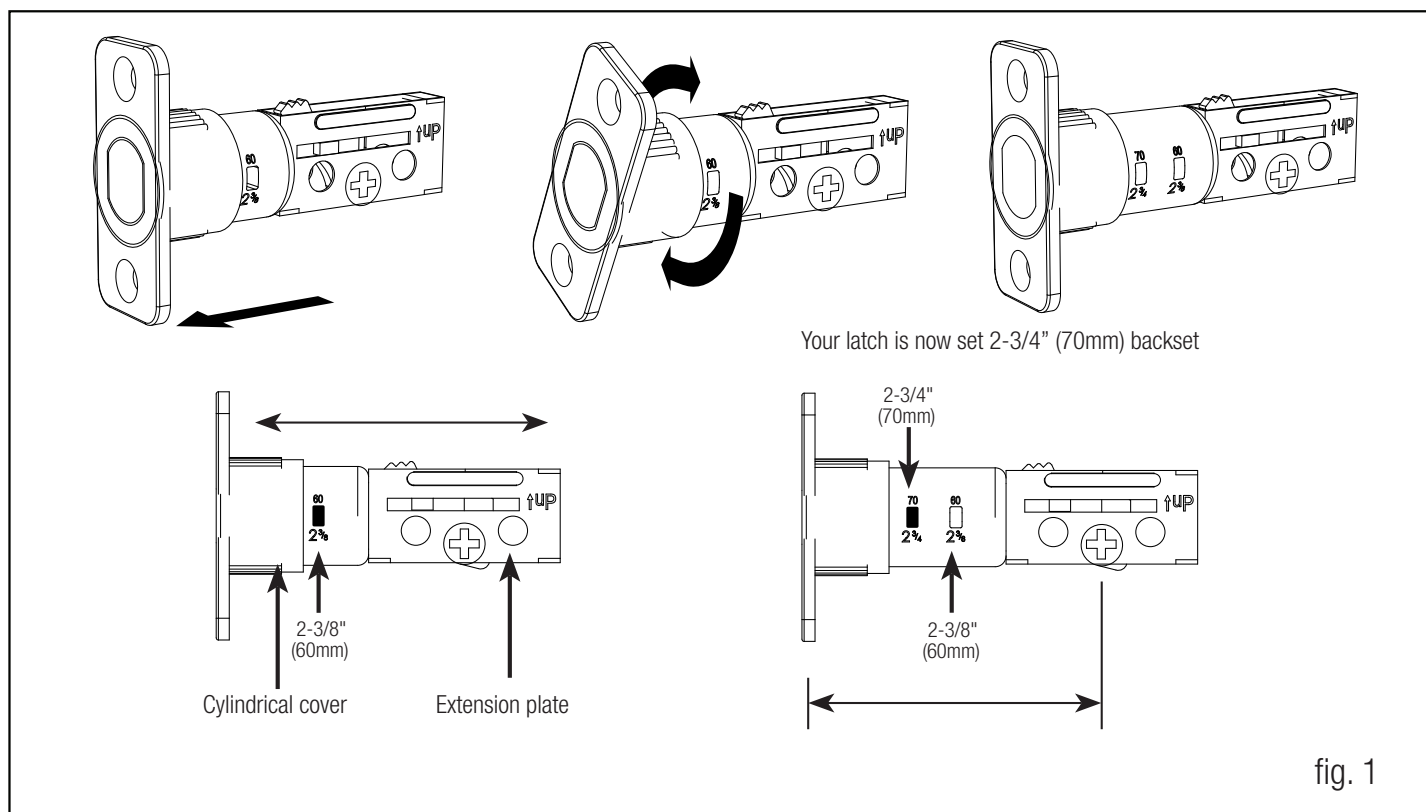
1. ADJUSTING THE DEADBOLT LATCH BACKSET (Deadbolt is shipped with the backset set at 2-3/8")

- Measure the backset (Backset is Distance between edge of the door and the center of Lock)

To convert from 2-3/8" (60mm) backset to 2-3/4" (70 mm) backset

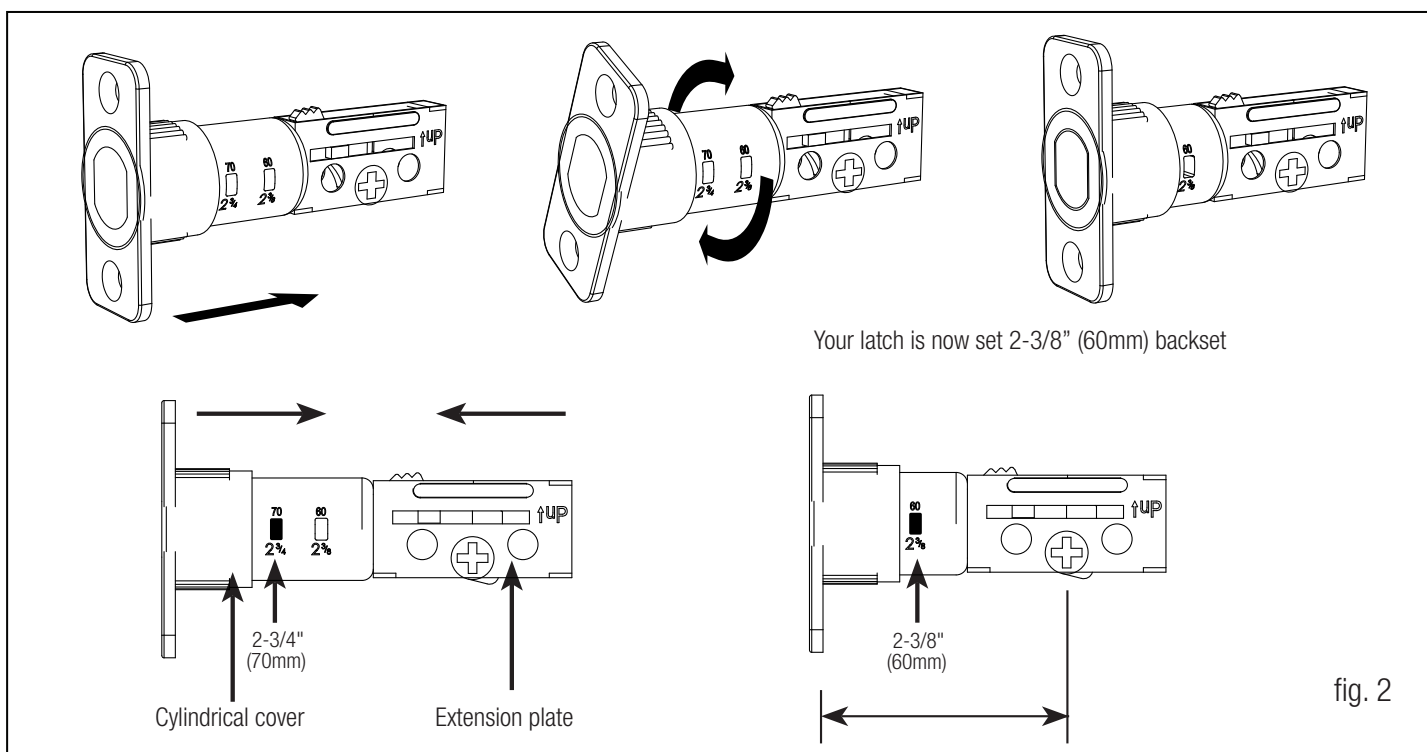
- Hold latch with numbers facing forward and thumb pressing on the bolt
- Rotate the cylinder cover Clockwise
- Pull and twist the extension plate all the way out
- Rotate the cylinder cover counter clockwise so that the marking aligns with the 2-3/4" position indicator

NOTE: Do not extend Cylindrical Cover past 2-3/4"



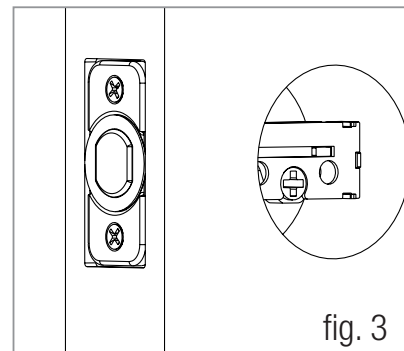
2. TO CONVERT FROM 2-3/4" (70 MM) BACKSET TO 2-3/8" (60MM) BACKSET

- Hold latch with numbers facing forward and thumb pressing on the bolt
- Rotate the cylinder cover Clockwise
- Push and twist the extension plate all the way in
- Rotate the cylinder cover counter clockwise so that the marking aligns with the 2-3/8" position indicator

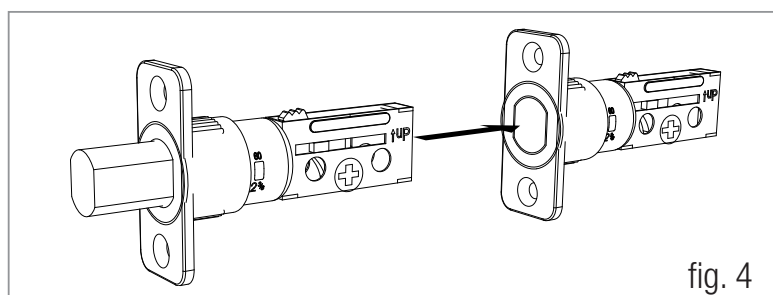


3. INSTALLING THE DEADBOLT LATCH (need phillips head screwdriver)

- Insert Deadbolt Latch into door edge hole with the word UP and the arrow on the extension plate facing UP. Cross shaped spindle connector will be at the bottom of the Deadbolt Latch.
- Make sure the face plate sits flush with the door. Do not force the latch into the mortise flush. Chisel out excess material if necessary for a flush fit.
- Using two screws (A) provided, screw the latch into the door with a hand held screwdriver. **DO NOT OVER TIGHTEN.**



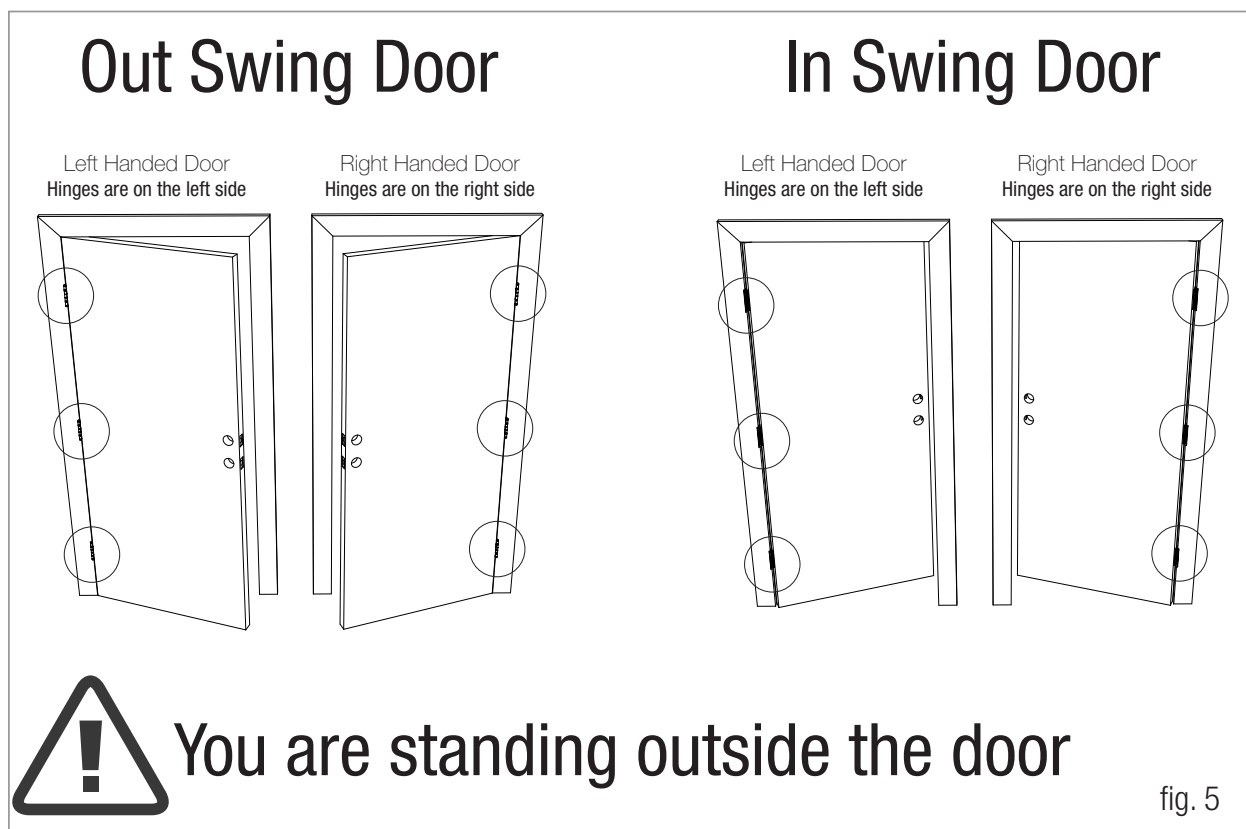
4. Deadbolt Latch must be retracted when installing



5. IDENTIFYING YOUR DOOR HANDING

Stand outside the door

- If the hinges are on the left your door is Left Handed
- If the hinges are on the right your door is Right Handed



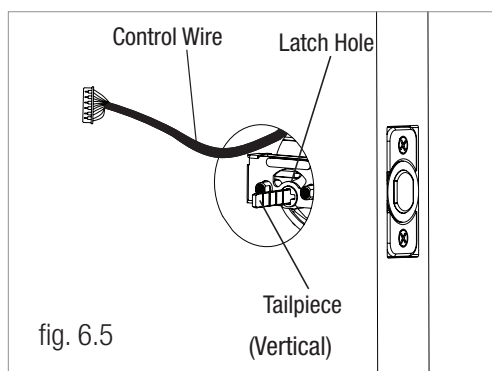
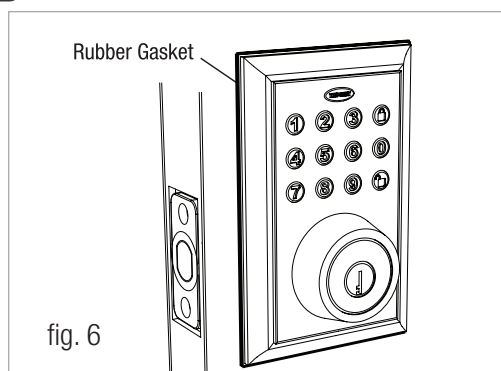
6. INSTALLING THE EXTERIOR ASSEMBLY

Work with the Door Open for easy access

- Unpack the Exterior Assembly. Use care to not scratch the green circuit board during handling and installation.
- Check that the rubber gasket is properly seated on the Exterior Assembly. (see figure 6)
- Insert the Exterior Assembly onto the door with the tailpiece going through the Deadbolt Latch cross shaped spindle connector in the **VERTICAL POSITION**. Route the Control Wire through the door below the Deadbolt Latch. (see figure 6)



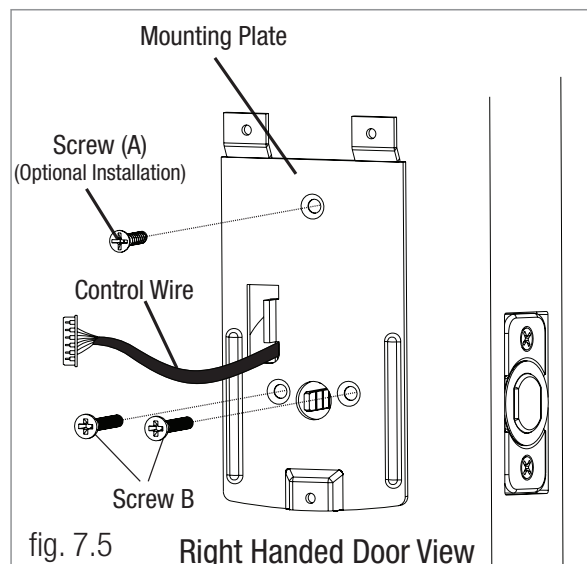
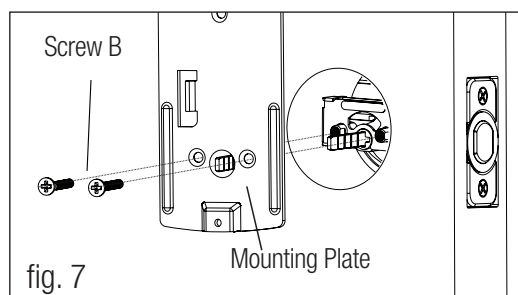
NOTE: TAILPIECE MUST BE POSITIONED VERTICALLY



NOTE: Unpack the Interior Assembly. Remove the battery cover by sliding the cover upward. Locate the one screw holding the Mounting Plate to the Interior Assembly. Remove the screw to release the Mounting Plate from the Interior Assembly.

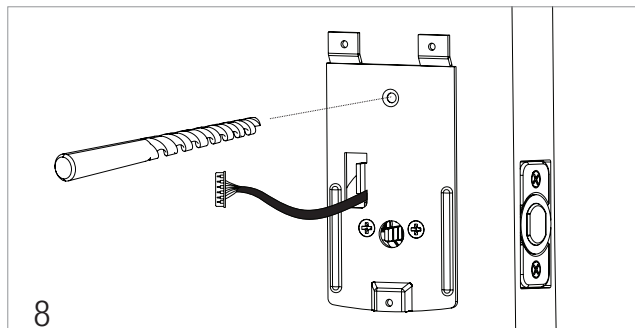
7. SECURING THE EXTERIOR ASSEMBLY TO THE DOOR

- From the side marked "This side against door", route the Control Wire through the rectangular slot in the Mounting Plate
- Place Mounting Plate against door with tailpiece passing through the center hole in the three hole set
- Secure the Mounting Plate to the Exterior Assembly using Screw B (2 ea)
- Hand tighten with a screwdriver leaving loosely connected
- Check that the Rubber Gasket is properly aligned and correct as necessary.
- Check vertical alignment of the lock
- Tighten with a hand held screwdriver. **DO NOT OVER TIGHTEN**



8. OPTIONAL INSTALLATION

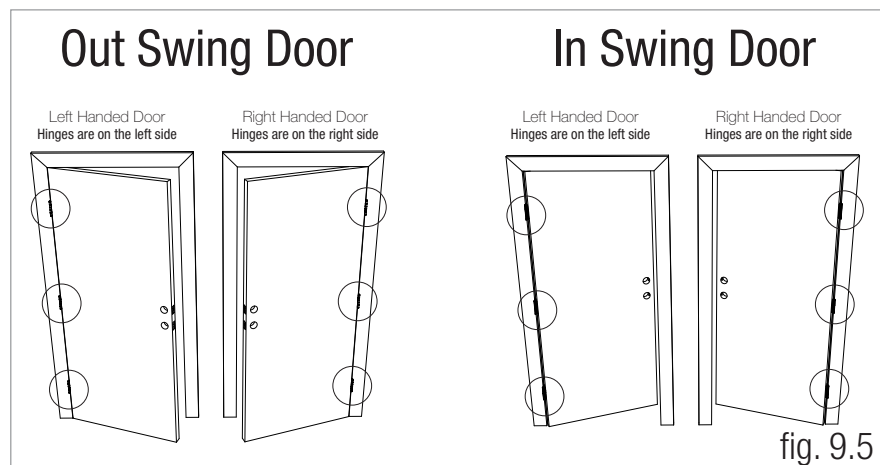
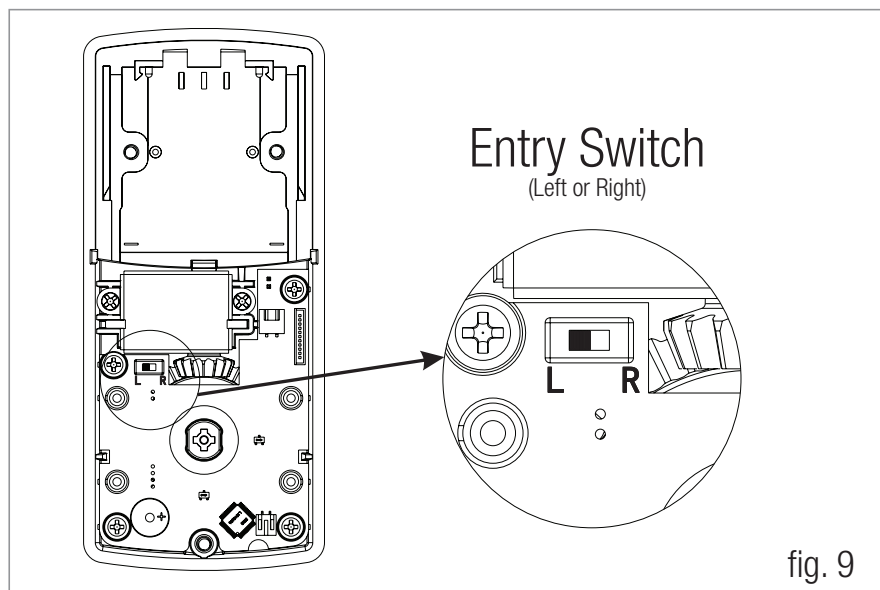
- a. Using a 1/16" drill bit, drill a pilot hole in your door using the Mounting Plate upper hole as a guide (see Figure 8a)
- b. Insert Screw A and tighten



NOTE: LOCK AND UNLOCK USING THE KEY TO SEE IF THE DEADBOLT LATCH IS OPENING AND CLOSING EASILY.

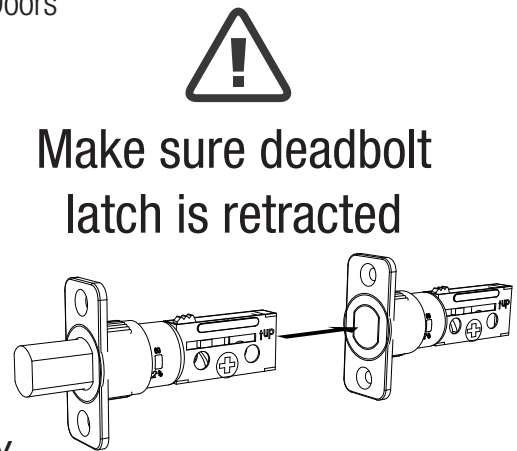
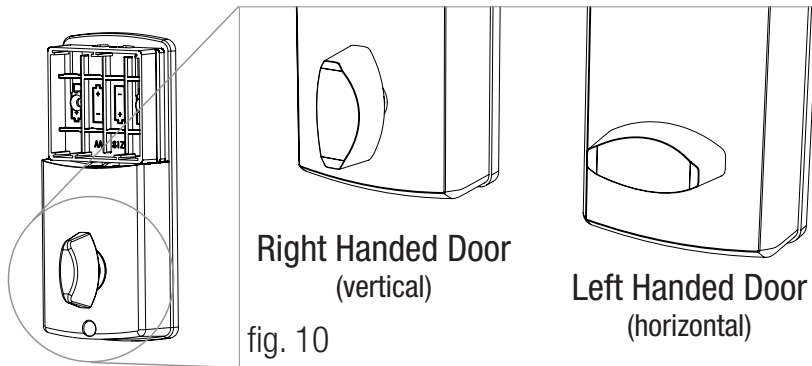
9. INSTALLING THE INTERIOR ASSEMBLY

- a. Set the Entry Switch for Left or Right Handed door
 1. Gently move the switch to "L" for Left Handed Door
 2. Gently move the Switch to "R" for Right Handed Door



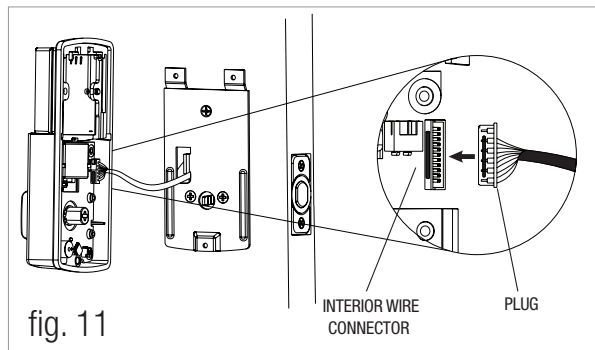
10. SET THE INTERIOR KNOB POSITION FOR LEFT OR RIGHT HANDED DOORS

- The knob goes in the **VERTICAL** position for Right Handed Doors
- The knob goes in the **HORIZONTAL** position for Left Handed Doors



11. ATTACH THE CONTROL WIRE TO THE INTERIOR ASSEMBLY

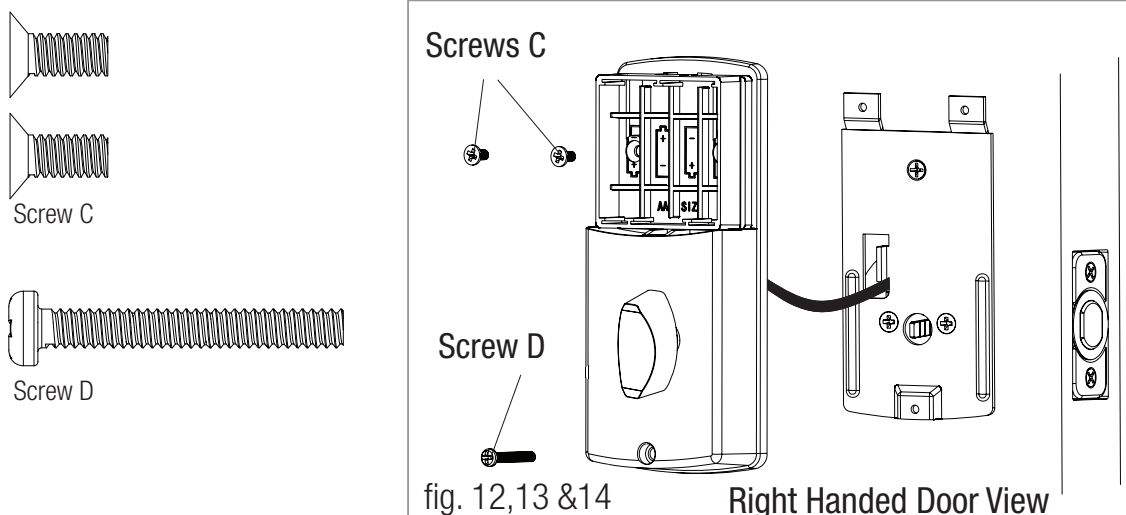
- Use care to attach the Control Wire to the interior Wire Connector.
- Do not force Plug onto Wire Connector.
- The Plug has two alignment tabs on the smooth side of the Wire Connector.
- The Plug is inserted with the smooth side facing left into the Wire Connector and pressed into place.



12. Position the Interior Assembly over the tailpiece and push the Interior Assembly against the door

13. Using Screw C (2 ea) and Screw D (1 ea), attach the Interior Assembly to the Mounting

DO NOT OVER TIGHTEN SCREWS



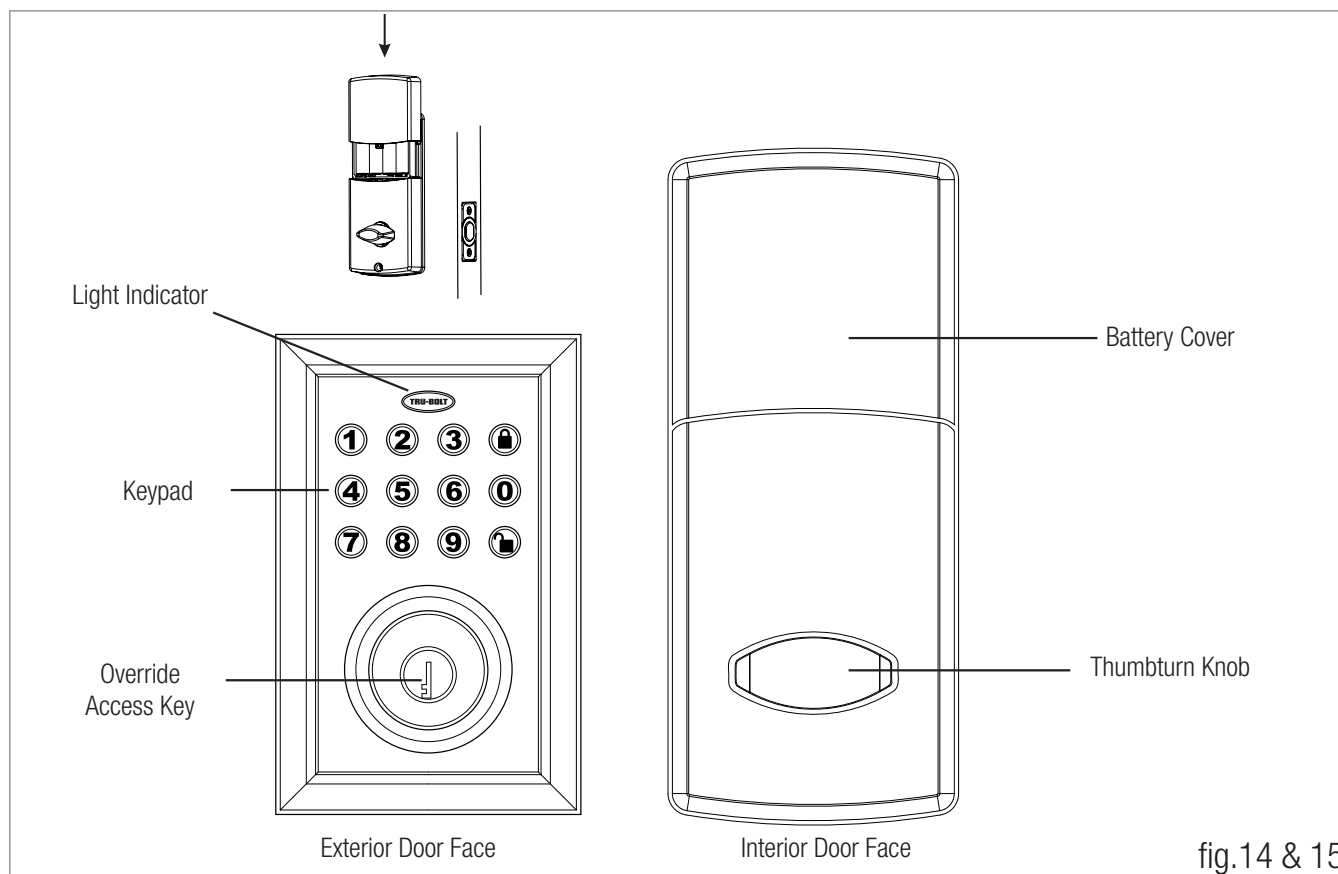
NOTE: LOCK AND UNLOCK USING THUMBTURN KNOB TO SEE IF THE LATCH IS OPENING AND CLOSING EASILY.

BATTERY INSTALLATION


14. Insert 4 AA high quality Alkaline batteries into the Battery Compartment in the direction noted +/- on the Compartment. The Lock will beep 2 times, the Keypad will illuminate blue, and the Tru-Bolt button will flash green twice to signify that it has received power.

**NOTE: DO NOT touch the keypad until the blue light turns off.
DO NOT use rechargeable batteries or non-alkaline batteries.**

15. **Slide the Battery Cover down into the track on the Interior Assembly to cover the batteries**



16. With the Door Open

- a. Test the Lock using the interior turn piece, bolt should move smoothly
- b. Test the lock using the Keypad, to lock press  and then press "1234"  to unlock.

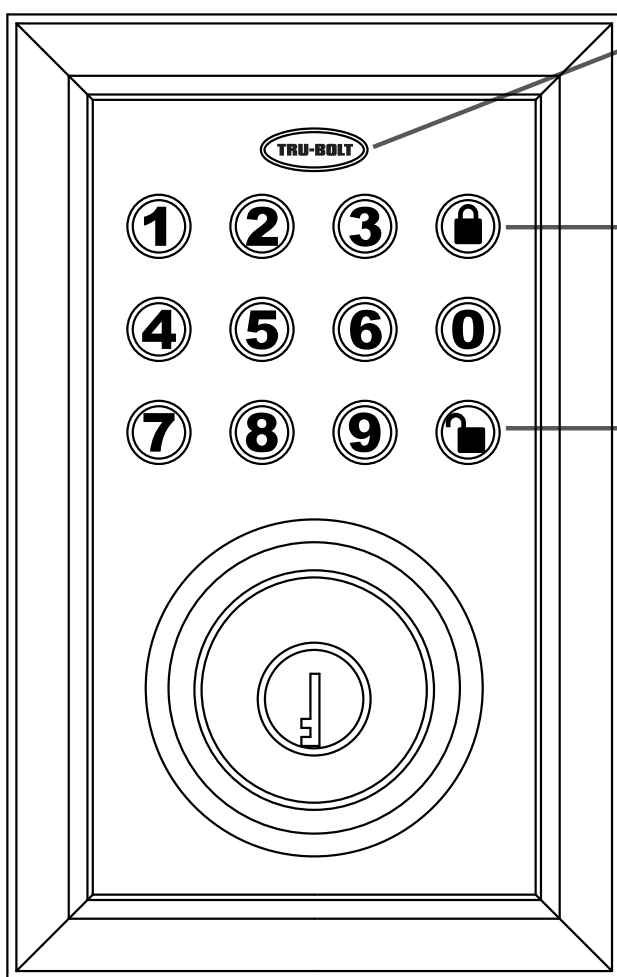
Trouble Shooting

Issue	Solution
Latch Working Backwards - Lock unlocks when lock button is pushed or locks when unlock button or code is pushed.	Direction of entry switch is set to incorrect setting. Remove the interior assembly and move the entry switch to the opposite direction <ul style="list-style-type: none">• Check that your entry switch is set in the correct position Left or Right Handed door If Correct <ul style="list-style-type: none">• Rotate Turn knob and reinstall interior assembly retest again while holding interior assembly in place
Interior knob will not turn.	Knob or vertical tailpiece is installed in incorrect position. Remove interior assembly and reposition the Interior Knob. With the Deadbolt retracted verify that the tailpiece is vertical.
Lock will not function electronically.	<ul style="list-style-type: none">• Check that all batteries are fresh high quality Alkaline Batteries• Check for proper polarity (+ -) of all batteries• Check that the Control Wire is attached to the Interior Assembly
Lock gives error signal when opening or locking and deadbolt will not extend or retract completely when door is closed.	Unlock door using key or interior knob. While door is open, check that the deadbolt latch operates smoothly. Check for proper alignment of the strike plate, adjust as needed to assure there is no binding against the deadbolt latch.
Latch is sticking.	Installation screws of the lock may be too tight and have to be loosened <ul style="list-style-type: none">• Remove Interior Assembly• Slightly loosen the Mounting Plate Screws• Lock and unlock using the Key• Reattach Control Wire and Interior Assembly
Lock freezes and keypad does not react.	Manually turn the Thumbturn Knob, lock and unlock twice, this should reset the lock.

Go to the Programming Directions to set your personal codes and make your lock secure.

TRU-BOLT®

PROGRAMMING AND OPERATING INSTRUCTIONS

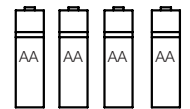


Indicator light



Used to “Unlock” door and for programming

Batteries (not included)



Electronic lock requires (4) High Quality AA Alkaline batteries. When all 4 batteries are installed in the correct position, hear 2 beeps and the keypad will illuminate blue. **DO NOT TOUCH** the keypad until the keypad light goes off.

Symbol Key



- Lock / Clear



- Unlock / Enter



- Programing Code



- User Code (4-8 digits)



- User ID (01-50, 2 digits)

Factory Settings (new)

The lock comes factory preset with a



- Programing Code = **123456**



- User Code = **1234**



- User ID = **01**


Please change the Programming

Code  and User Code 

as soon as possible after installation to ensure security.

Locking and Unlocking

1. TO UNLOCK THE LOCK

Using Keypad: Enter a valid User Code (default code is 1234) and press  and hear 1 beep and lights green.

2. TO LOCK THE LOCK

Using Keypad: Press  and then hear 2 beeps and lights red.

Basic Functions

3. DELETE ALL USER CODES (Make sure latch is extended)

IMPORTANT: this will delete the user codes but not the programming code, enter the following:

PC →  → 3 →  → re-enter PC → 

Hear 1 beep and Light Indicator illuminates green

4. TO ADD A NEW USER CODE (you can add up to 50 new user codes)

The User Code **UC** must be a 4-8 digit combination. Each User Code **UC** is then linked to a User ID **ID** (which is any number between 01-50) to identify an individual User Code **UC**. (User ID **ID** 1-9 should be entered as 01-09 so they are 2 digits)

For example: to add the User ID **ID - 08** to User Code **UC - 5678**, enter the following:

The diagram illustrates the authentication process flow. It starts with a PC (123456) and a lock icon, followed by the number 1 and another lock icon. This is followed by ID (08) and a lock icon, then UC (5678) and a lock icon. The process concludes with 're-enter UC (5678)' and a final lock icon.

Hear 1 beep and Light Indicator illuminates green

NOTE: When a NEW USER CODE is set, the default factory code (1234) is deleted for safety.

5. DELETE ONE EXISTING OR PRESET USER CODE (Make sure latch is extended)

The unit comes with a factory User ID **ID** = 01 for User Code **UC** = 1234.



IMPORTANT: To delete 1 User Code , the lock must have more than 1 User Code  in its database.

PC →  → 2 →  → Existing ID →  → re-enter ID → 

Hear 1 beep and Light Indicator illuminates green

Advanced Functions

6. CHANGE CURRENT OR PRESET PROGRAMING CODE

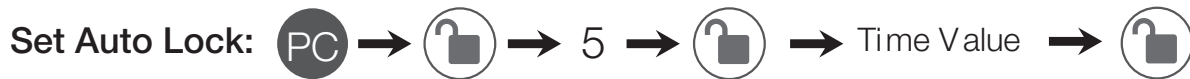
Factory default Programming Code  = 123456, this is the master password for your lock. All programming functions require this code. Follow the below sequence to change the Programming Code  to your custom 6 digit combination.



Hear 1 beep and Light Indicator illuminates green

7. SET OR CANCEL AUTO LOCK

You can set the lock to automatically close after each time the lock is opened. Time value range = 20 - 900 seconds, enter the following:




Hear 1 beep and Light Indicator illuminates green


To cancel Auto Lock set the time to 00, enter the following:



Hear 1 beep and Light Indicator illuminates green

8. TEMPORARILY DISABLE AUTO LOCK

Disable: While in Auto-Lock mode, unlock door using , within 10 seconds you must turn the locking knob by hand to the locked position, wait more than 2 seconds then turn the locking knob back to the unlock position. The Auto-Lock mode is now disabled.

Restore: To restore the Auto-Lock function, you can turn the locking knob by hand to the locked position, wait more than 2 seconds or press the  Lock button on the keypad.

9. TURN ON AND OFF SOUND


You can “mute” or turn the “sound on” on your lock by entering the following. (Factory setting is sound on)






Sound Off (1) - Light Indicator illuminates green

Sound On (2) - Hear 1 beep and Light Indicator illuminates green

10. CREATE A TEMPORARY CODE

Temporary access for house sitter, contractor, cleaning company, etc. Use one of the 50 available User Codes  and give it out for temporary access and delete it when it is no longer required. See steps 3 and 4 on page 13.

11. RESTORE TO FACTORY SETTINGS (Make sure latch is retracted - unlocked)

To reset the lock to the original factory settings including the Programming Code  and all User Codes  remove one battery for 10 seconds. Reinsert the battery, hear a long and short beep, then immediately press  3 times within 3 seconds. The lock will beep and the light indicator will turn green.



12. VACATION MODE

With Vacation Mode enabled, the system enters into low-power consumption mode. During this mode, all buttons and functions including the remote control will be invalid until they are re-enabled (see steps below).

Enable:  →  → 10 →  → 1 → 

Hear 1 beep and Light Indicator illuminates green then lock door

Disable:

To disable the Vacation Mode, you must press and hold  for more than 3 seconds, then input  to unlock the door. Vacation Mode is now disabled.

NOTE: If you only press the  for more than 3 seconds but do not input  the system will remain in Vacation Mode.

Audio and Visual Message Guide

Unlock / Valid programming:	1 long beep and LED illuminates green
Lock:	2 short beeps and LED illuminates red
Invalid Programming:	2 short beeps and LED flashes red twice
Low Voltage:	Beeps for 5 seconds (7/9 times depends on operation is unlock/lock)
Super Low Voltage:	4 short beeps and LED flashes red four times
4 Incorrect code entry attempts:	2 short beeps and LED illuminates red each attempt
Power on:	1 long beep and 1 short beep and LED illuminates green
Chip Reset:	1 long beep and 1 short beep and LED illuminates green (may occur several times or once in a while)
Lock Error:	3 long beeps LED flashes red three times
Repeat operation after Lock Error:	2 short beeps three times LED flashes red six times

Attention:

When battery is under low voltage, the lock will give the (Low Battery Warning: Beeps and LED flashes red for 5 seconds). During this time your lock can still work. However once the voltage is lower than 4.3V (called Super-Low Voltage), the operation of the locking and unlocking will not work, user must replace batteries immediately.

Limited 1-Year Electronic Warranty

Limited Lifetime Mechanical and Finish Warranty

This Tru-Bolt® product comes with a 1-Year Limited Warranty on Electronic Parts and a Limited Lifetime Mechanical and Finish Warranty against defects in materials and workmanship under normal use to the original residential user. Simply bring this product with the original sales receipt back to your nearest MENARDS® retail store. At its discretion, Tru-Bolt® agrees to have the product or any defective part[s] repaired or replaced with the same or similar Tru-Bolt® product or part[s] free of charge. This warranty is non transferable, and applies to the original purchaser only, as long as the original purchaser occupies the residential premises upon which the product[s] was originally installed. Proof of purchase and ownership is required for the warranty to be in effect. Requests for credit for defective item[s] must be made to any Menards® retail store. This warranty DOES NOT COVER removal and reinstallation of product[s], scratches, abrasions, deterioration due to the use of paints, solvents or other chemicals, abuse, misuse, or product[s] used in commercial applications, does not cover any losses, injuries to persons/property or costs, and shipping and freight expenses required to return product[s] to nearest Menards® retail store. In no event shall Tru-Bolt® be liable for any special, incidental or consequential damages. Customers will receive instructions as to the disposition of the defective item[s]. Menards® reserves the rights, which may vary from state to state. If this product[s] is considered a consumer product, please be advised that some local and state laws do not allow limitations on incidental or consequential damages or how long an implied warranty lasts, so that the above limitations may not fully apply. Refer to your local laws for your specific rights under this warranty.

Package Warranty:

Limited Lifetime Mechanical & Finish Warranty:

This Tru-Bolt® product[s] comes with a 1-Year Limited Warranty on Electronic Parts and a Limited Lifetime Mechanical and Finish Warranty against defects in materials and workmanship under normal use to the original residential user. Simply bring this product[s] with the original sales receipt back to your nearest MENARDS® retail store and we'll replace it with the same or similar Tru-Bolt® product or part. See installation instructions for full terms and conditions.

My Codes

New Programming Code	_____	_____	_____	_____	_____	_____	_____	(6 digits)
New User Code 01	_____	_____	_____	_____	_____	_____	_____	(4-8 digits)
New User Code 02	_____	_____	_____	_____	_____	_____	_____	(4-8 digits)
New User Code 03	_____	_____	_____	_____	_____	_____	_____	(4-8 digits)
New User Code 04	_____	_____	_____	_____	_____	_____	_____	(4-8 digits)

For questions / comments, technical assistance or repair parts –
Please call toll free at : 1-800-860-1677 (M-F 7am – 5pm PST)

