

Limited Warranty Statements

1. Warranty

LockeyUSA "LDS" warrants the Product to be free from defects in material and workmanship for a period of 12-months from the original date of purchase.

If you discover a defect in the Product covered by the warranty, we will repair or replace the item using new or refurbished components.

2. Exclusions

The warranty covers defects in manufacturing and/or workmanship discovered while using Product as recommended by LDS rather than those caused by acts of God, misuse, abuse, installation errors or unauthorized modifications.

3. Limited Liability

LDS will not be held liable for incidental or consequential losses or damages caused by any act of God, misuse, abuse or unauthorized modification of Product.

4. Reminder

Service requirement shall be subject to the presentation of this warranty card and defective parts to the manufacturer, LDS. The warranty card will not be reissued if lost.

Product: E-DIGITAL ELECTRONIC DEADBOLT LOCK

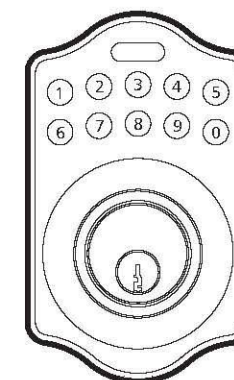
Purchase Date: _____

Name & Address of Distributor: _____

Send warranty forms to:
 LockeyUSA Warranty Department
 PO Box 543 | Mt. Pleasant, Michigan | 48858
www.lockeyusa.com



E-DIGITAL ELECTRONIC LOCK SERIES

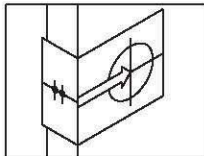


USER MANUAL



Attention : Do not use power tools

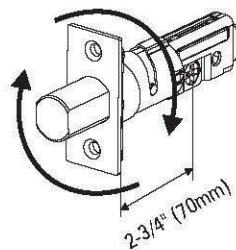
E-DIGITAL ELECTRONIC DEADBOLT INSTALLATION INSTRUCTIONS



The BACKSET is the distance between the center of cross bore and edge bore of the door. Adjustable latch fits both BACKSET of 2-3/8" (60mm) and 2-3/4" (70mm). Please follow the steps shown below for BACKSET adjustment.

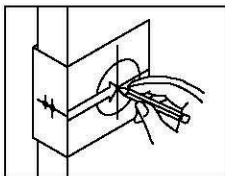
Latch Backset Adjustment :

Rotate the latch case as diagram on the right for backset 2-3/4" (70mm) or reverse direction for 2-3/8" (60mm).



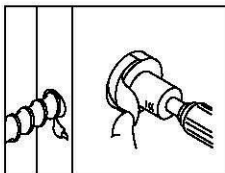
Please Note: If you have a pre-drilled bore or are replacing an existing lock, remove all existing hardware and strike, and skip to Step 3.

1. Mark The Door With Template



Select the height and backset as desired on the door face ; use the TEMPLATE as an indication to mark the center of the circle on the door face and the center of the door edge.

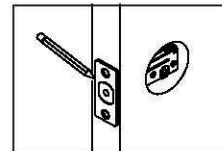
2. Drill Holes



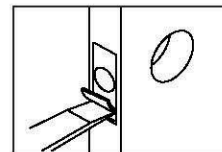
Using the marks as a guide to drill a hole Ø2-1/8" (54mm) through the door face for the lockset, then a hole of Ø1" (25.4mm) for latch.

1

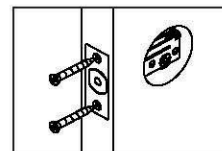
3. Install Latch



a. Insert the latch and ensure it is paralleled to the door face.
Mark the outline of the faceplate, then take out the latch.

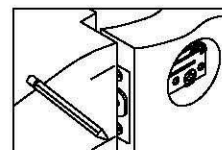


b. Chisel 1/8" (3mm) deep along the outline to allow the faceplate to be aligned with the door edge.

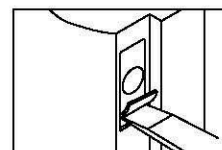


c. Insert the latch and tighten it with screws.
Note : please use tapping screws for metal door.

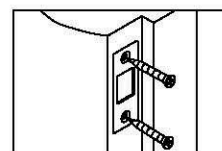
4. Install Strike



a. To identify the center of strike : close the door, on the basis of the faceplate mark horizontal center line of strike. Ensure the center of faceplate and the center of strike are aligned.
Use the mark as a guide outlines the strike.



b. Chisel 5/64" (2mm) deep along the strike outline to allow the strike to be aligned with the doorframe.

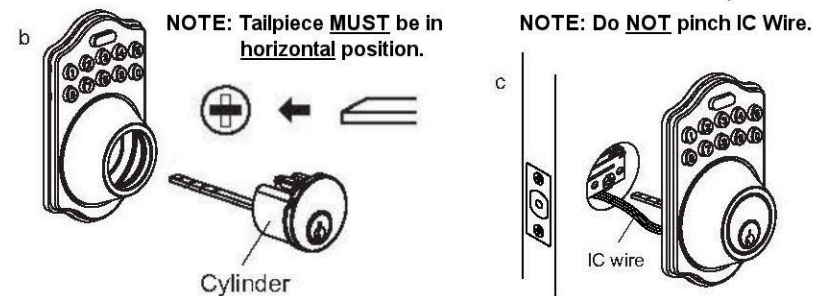


c. Insert the strike and tighten it with screws.
Note : please use "tapping screws" for metal door.

2

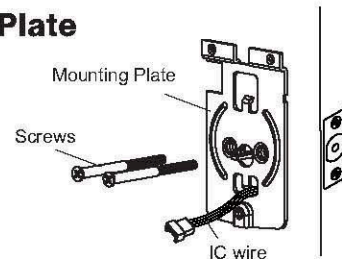
5. Install Keypad Assembly

- Latch bolt must be retracted in unlocked position.
- Please refer to the diagram below for Cylinder Installation.
Place deadbolt against keypad with tailpiece in horizontal position inserted through hub of the latch.
- Pass the IC wire under the latch to the interior side of the door.



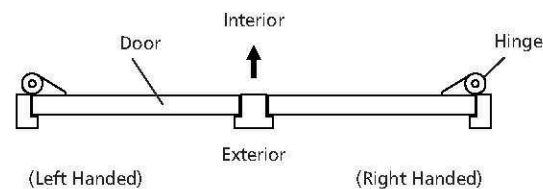
6. Install Inside Mounting Plate

Pass the IC wire through the wire hole of the mounting plate.
Fix the mounting plate with screws.
If outside lock assembly is lopsided, please loosen the screws to adjust it's position and tighten the screws again.



7. Identify Door Handing

Face the door from outside, the door is left handed if the hinge is on the left-hand side of the door, whereas the door is right handed if the hinge is on the right-hand side of the door.

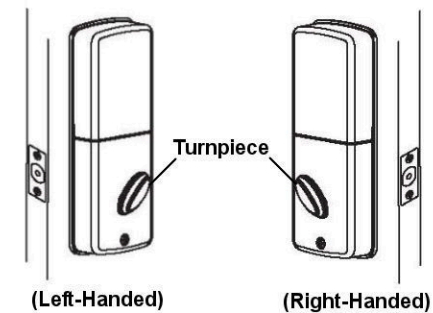


3

8. Adjusting Turn Piece

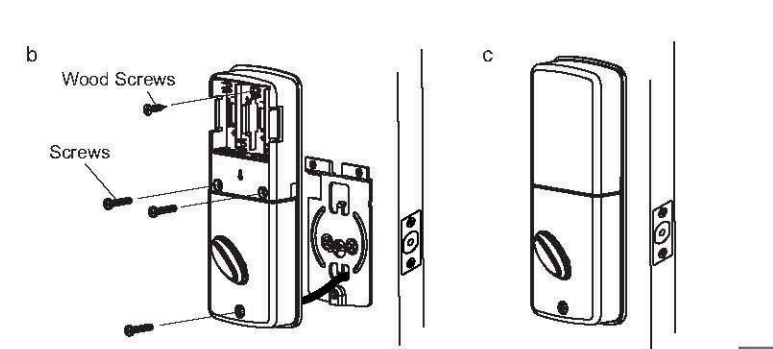
Ensure the turnpiece is in the unlocked position. To unlock, turn the turnpiece to the right for a Left-Handed door. Turn the turnpiece to the left for a Right-Handed door.

The door MUST remain in the unlocked position for the duration of installation and programming.

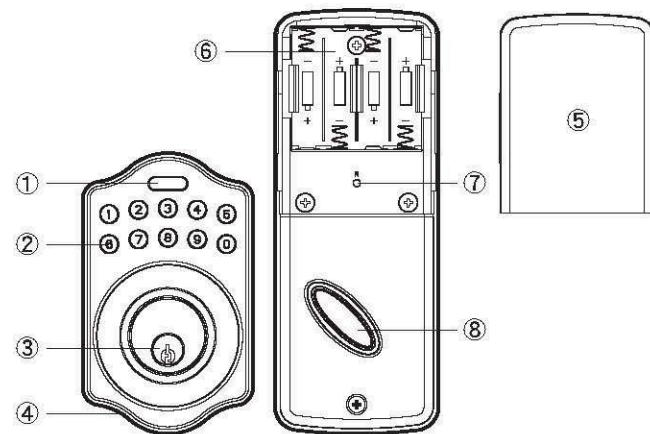


9. Install receiver module

- Remove the battery cover (push it up and pull it out).
- Connect the IC wire and ensure the tailpiece is engaged with turn piece, then attach receiver module to the door with screws. It's optional to use wood screws. (Wood screws only for wood door)
- Insert 4 (AA) 1.5V alkaline batteries and put the battery cover back on the receiver module.



4



① Programming Button

Programming Button is for entering codes, clearing errors and setting function. It's also lock button.

② Number Buttons

Input the pass codes, each pass code is 4-10 digits in length.

③ Cylinder

Retract / Extend the latch bolt by key from exterior.

④ Washer

Prevent water permeating into lockset.

⑤ Battery Lid

Slide the lid to change the batteries or restore default setting.

⑥ Battery Holder

Four AA (1.5V) Alkaline batteries.

⑦ R Button (Reset)

Restore default setting.

⑧ Turn-Piece

Retract/Extend the latch bolt from interior.

Specification/Function

1. Power

6V - Requires four AA (1.5V) Alkaline batteries.

2. Low Battery

2-1 The batteries should be changed immediately when you see button 1 flashing in red and hear 10 rapid beep sounds when pressing programming button.

2-2 All settings are retained in the memory and will not be effected even if the battery is completely dead.

2-3 The lock can still be operated by key if the lock is without power.

3. Illuminated Indicator

3-1 Button 1 flashes green once for successful operation.

3-2 Button 1 flashes in green twice for successful programming.

3-3 Button 1 flashes in red 3-times when there is an operation error.

3-4 Button 1 flashes in red 5-times for code input errors. the system will shut down for system protection after 5 incorrect entries (Refer to #17).

3-5 Button 1 flashes in orange 3-times when system has been restored to default setting.

3-6 Button 1 flashes in orange slowly while in programming mode.

4. Audible Indicator

4-1 1 beep sound indicates a successful operation.

4-2 2 long beep sounds indicate successful programming.

4-3 3 beep sounds indicate an operation error.

4-4 3 long beep sounds indicate that the system has been restored to default settings.

4-5 5 beep sounds indicate code input error. System will shut down after 5 incorrect entries. (Refer to #16)

4-6 10 rapid beep sounds indicate that the batteries are low. Change batteries immediately.

5. Programming Code

5-1 The preset Programming Code is 0000. Please change Programming Code after first operation.

5-2 Programming Code is only for function setting. You cannot unlock the lockset by entering Programming Code.

5-3 Programming Code must be 4-10 digits.

5-4 If necessary, Programming Code can be changed at any time.

6. User Codes

- 6-1 The preset User Code is 1234. Please delete it and create a new User Code during first operation.
- 6-2 Up to 6 sets of User Codes can be saved at one time.
- 6-3 User Codes are only used to unlock the lockset.
- 6-4 User Codes must be 4-10 digits.
- 6-5 User Codes can be added or deleted at any time.

7. Deleting Individual User Codes

- 7-1 User Codes can be deleted individually. You can reset the same number code even if it has been deleted previously.
- 7-2 Programming Code is needed when deleting individual User Codes.

8. Deleting All User Codes At Once

- 8-1 All User Codes can be deleted at once. You can still reset and use the same User Codes even if you have deleted them previously.
- 8-2 Auto-locking and Keypad locking functions will be invalid after deleting all User Codes and the lock will only be operational with the key. These functions will be restored with the creation of new User Codes.
- 8-3 Programming Code is needed when deleting all User Codes.

9. Temporarily Disabling All User Codes

- 9-1 Auto-locking and Keypad locking function will be invalid when User Codes are temporarily disabled. The lock can only be operated by key during this time.
- 9-2 Repeat the programming steps to restore the auto-locking and keypad locking functions once User Codes are restored.

10. Creating Disposable User Codes

- 10-1 Disposable User Codes are invalid after one use.
- 10-2 You can reset the same numbers as User Codes.
- 10-3 Programming Code is needed when creating Disposable User Codes.

11. Restoring Preset Factory Codes

- 11-1 You can restore the Preset Factory Code by pressing the "R" button on the interior of the receiver module. Used when you forget your Programming Code or you want to cancel all previously created settings.
- 11-2 After system restore, the Programming Code will be "0000" and the User Code will be "1234".

12. Unlocking the Lockset

The lockset can be unlocked by key, by entering the User Code and E-Digital button on the keypad or with the turnpiece on the interior of the door.

13. Locking the Lockset

The lockset can be locked by key, by pressing the Programming Button "E-Digital" on the keypad or with the turnpiece on the interior of the door.

14. Incomplete Door Closing/Opening

- 14-1 When the latch bolt is not extended/retracted completely, the motor will not function correctly when you will see the LED light flash 3-times accompanied by 3 beep sounds. The alarm will not sound when the device is in Mute. You will need to enter the User Code to unlock the door and press the Programming Button to re-lock the door.
- 14-2 If the latch bolt gets stuck or cannot extend/retract completely repeatedly, please check to ensure the strike aligns correctly with the latch bolt and adjust the strike as needed.
Note: After long use of any door hinge, the latch bolt may get stuck easily as a result of the door being lopsided or deformed.

15. Activating/Deactivating the Auto-Locking Function

- 15-1 The lockset will automatically lock itself within 10-99 seconds when this function is programmed.
- 15-2 The function is not preset and must be programmed to operate.
- 15-3 The preset delay-time is 30-seconds. The delay-time can be adjusted as needed.
- 15-4 The same programming steps are used to both activate and deactivate the auto-locking function.

16. Turn Mute On/Off

- 16-1 Beep sounds will be heard when pressing keypad, and for programming and operating errors.
- 16-2 LED Illumination will still function while in Mute. The warning alarm will not function while muted, and it is recommended not to Mute device unless necessary.
- 16-3 The normal operating sounds of the motor cannot be muted.

17. Code Protection Function

The system will shut down when incorrect codes are entered more than 5-times.
The system will be restored after 45-seconds of inactivity.

18. Illumination

The LED Keypad will light up when pressing any button to ensure ease of operation in the dark.

User Code & Function Setup

1. The lock must be in the unlocked position while programming.
2. You must run the door-handing identification process before continuing with programming of the lock. See Function Programming instructions on the following page.
3. Change default Programming Code "0000" and User Code "1234" before function setup.
4. LED flashes orange slowly while programming. LED flashes green twice with two long beeps when input is correct. LED flashes red three times with three beeps when incorrect. You will need to wait 6-seconds or press programming button when incorrect input is entered. After 6-seconds system operations will be restored.
5. Each programming step should be completed within 6-seconds.
6. You can lock/unlock the product with both the key and the keypad. Please refer to the programming table on the following page for function setup instructions.

IMPORTANT

1. The use of alkaline batteries is recommended to stabilize the power supply.
2. Do not mix battery brands or mix alkaline batteries with regular zinc-oxide batteries.
3. Do not use any chemical liquid or lubricating oil with additives to clean the lock body. Use of these products could damage the product's surface and/or mainboard.
4. If there is any problem with the product, please contact LockeyUSA "LDS".

Function Programming

Programming Code (PC)

USER Code (UC)

PLEASE NOTE: LOCK MUST BE IN UNLOCKED POSITION TO PROGRAM

Detect Left/Right Hand Door Configuration

Enter PC → E-Digital → 0 → E-Digital

Remark:

You must run the door-handing identification process before function set up for installation or after default setting restore. The lock must remain unlocked while programming.

Add New User Codes

Enter PC → E-Digital → 1 → E-Digital → Enter New UC → E-Digital

Remark:

Up to 6 sets of User Codes can be saved. User Codes can be 4-10 digits in length.

Delete Existing User Codes

Enter PC → E-Digital → 2 → E-Digital → Enter the UC you want to delete → E-Digital

Delete All User Codes

Enter PC → E-Digital → 3 → E-Digital

Remark:

Auto-locking and Keypad locking function will be invalid when User Codes are deleted. The lock can only be operated by key during this time.

Change Programming Code

Enter PC → E-Digital → 4 → E-Digital → Enter New PC → E-Digital

Turn Autolock On/Off

Enter PC → E-Digital → 5 → E-Digital

Remark:

The preset delay-time is 30-seconds. You can change the time by following the instructions on the following page. Repeat the steps to disable the Auto-locking function.

PLEASE NOTE: LOCK MUST BE IN UNLOCKED POSITION TO SUCCESSFULLY COMPLETE PROGRAMMING FUNCTIONS. Programming Code (PC) USER Code (UC)

Set Autolock Time Delay



Remark: Delay time can be 10-99 seconds in duration.

Turn Mute On/Off



Remark: Repeat same steps to turn Mute On/Off.
LED illuminations will still function when Mute is On, but there will be no warning alarm.

Enable/Disable All User Codes



Remark: Auto-locking and Keypad functions will be invalid when User Codes are disabled. The lock can only be operated by key during this time. Repeat the steps shown above to enable User Codes.

Create Disposable User Codes



Remark: Disposable Codes will be invalid after a single use.

Restore All Preset Factory Settings

Press **R** on the interior of the receiver module.

Remark: Press and hold button for more than 5-seconds. The programming will be complete after you hear 3 long beeps.
After system restore, you must run the door-handing identification process again, prior to any other function programming.

Simple Troubleshooting

Situation 1

After installation of the lockset and batteries the door cannot be locked and three short beeps are emitted when pressing the Programming Button.

Causes: The door-handing identification process is not complete yet.

Solutions: Execute the door-handing identification process. The door-handing identification process **must** be completed prior to any other programming function.

Situation 2

After installation of the lockset and batteries there is no response when pressing any button (no sounds are emitted and the back light does not work).

Causes: This problem could be caused by malfunctioning batteries or the IC Wire being improperly connected.

Solutions: Check to confirm that the batteries are inserted correctly or if the batteries may be dead (replace if necessary). If the lock is still not working correctly, check the IC Wire to ensure it is connected properly.

Situation 3

Failure in the first execution of the door-handing identification process (the red light flashes three times and three short beeps are emitted).

Causes: Wrong door-handing or change of the door-handing in the lock's memory.

Solutions: Press the "R" button on the interior of the receiver module to restore the system's Preset Factory Settings and re-execute the door-handing identification process.

Situation 4

After successful execution of the door-handing identification process, the latch does not work (The motor seems to be running with low power, the latch bolt is stuck and the turnpiece on the interior of the door cannot be rotated).

Causes: Low Battery

Solutions: Replace with new batteries.

Situation 5

The lock is functioning normally, but suddenly, the latch bolt locks up and the turnpiece on the interior of the door cannot be rotated (not even with the key).

Causes: The detection of the latch bolt position is abnormal.

Solutions: First, take out one battery. Then, press any button on the front panel for electric discharge and replace the battery. The latch bolt will automatically re-detect the correct position.

Attention: If the latch gets stuck frequently, check to see if the opening of the strike aims at the central position of the latch bolt, if the latch bolt can extend out freely or if the hinges are deformed or tilted.

Situation 6

The door locks normally, but three short beeps are emitted and the door will not unlock when the User Code is entered and the Programming Button is pressed.

Causes: The functioning of the micro-switch is abnormal.

Solutions: Use the key to unlock the door. Then contact LDS for more detailed troubleshooting instructions.

Situation 7

While the door is closed, the latch bolt can be heard coming out when pressing the Programming Button to lock the door and three short beeps are emitted.

Conversely, while the door is open, no beeps are emitted when pressing the Programming Button to lock the door.

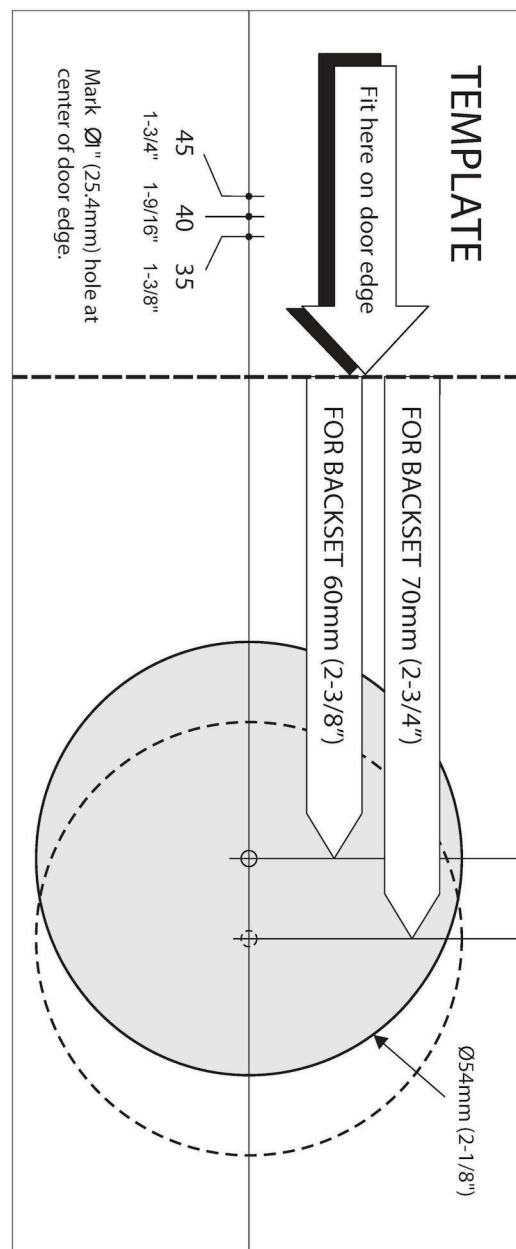
Causes: (1) The depth of the latch bolt hole is insufficient.

(2) The latch bolt is not aimed at the opening of the strike.

Solutions: (1) Drill the latch bolt hole for the strike deeper (min. 2.5 cm)

(2) Adjust the strike to ensure the latch bolt is aimed properly.

Visit www.LockeyUSA.com for additional product information.



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Product: E-DIGITAL ELECTRONIC KNOB & LEVER LOCK

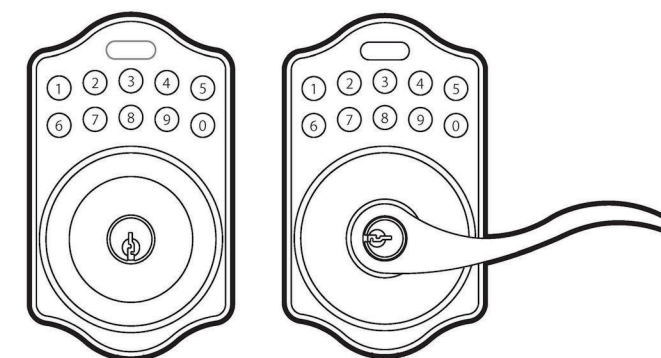
Purchase Date: _____

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E-DIGITAL ELECTRONIC LOCK SERIES

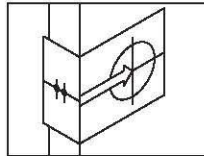


USER MANUAL



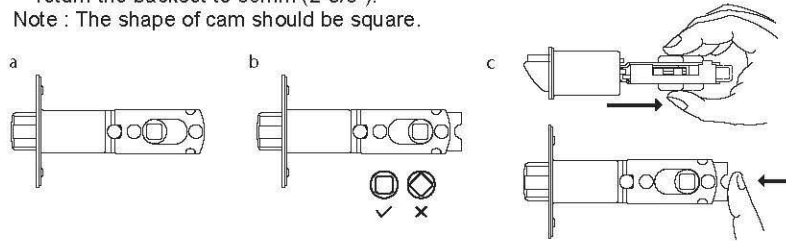
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E-DIGITAL ELECTRONIC KNOB & LEVER INSTALLATION INSTRUCTION



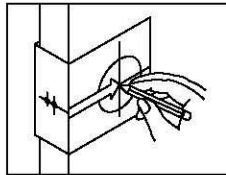
The BACKSET is the distance between the center of cross bore and edge bore of the door.
Adjustable latch fits both BACKSET of 2-3/8" (60mm) and 2-3/4" (70mm). Please follow the steps shown below for BACKSET adjustment.

- The backset shown on the left is 60mm (2-3/8").
 - Pull the cam toward right to extend the backset to 70mm (2-3/4").
 - The backset shown in figure C is 70mm (2-3/4"). Pulling the cam back to left will return the backset to 60mm (2-3/8").
- Note : The shape of cam should be square.



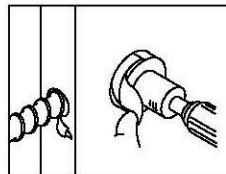
Please Note: If you have a pre-drilled bore or are replacing an existing lock, remove all existing hardware and strike, and skip to Step 3.

1. Mark The Door With Template



Select the height and backset as desired on the door face ; use the TEMPLATE as an indication to mark the center of the circle on the door face and the center of the door edge.

2. Drill Holes

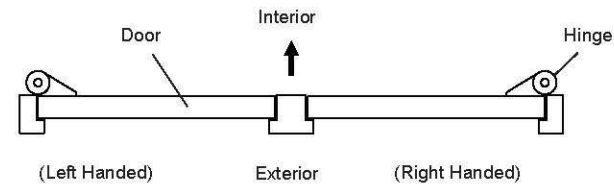


Using the marks as a guide to drill a hole $\varnothing 2-1/8"$ (54mm) through the door face for the lockset, then a hole of $\varnothing 1"$ (25.4mm) for latch.

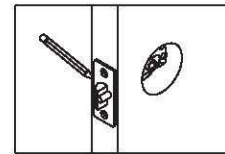
1

3. Identify Door Handing

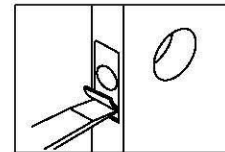
Face the door from outside, the door is left handed if the hinge is on the left-hand side of the door, whereas the door is right handed if the hinge is on the right-hand side of the door.



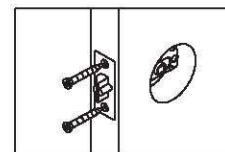
4. Install Latch



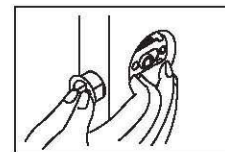
- Insert the latch and lay the faceplate against the door edge.
Use a pencil to mark it's perimeter, then take out the latch.



- Chisel out the portion you've marked with pencil to about 4mm (5/32") deep. Score the area within the borders as clearly and precisely as possible.
Ensure the plate can fit flush with the door edge surface.



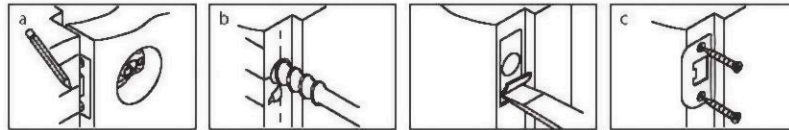
- Insert the latch and tighten it with screws.
Be sure the holes for thru-bolts (next to the adjustable cam) are horizontally aligned.



- It is not necessary to chisel the door edge for the faceplate installation if you use a drive-in latch. (not incld)
You may install it into the edge bore directly, making sure the bevel faces the outside assembly.

2

5. Install Strike

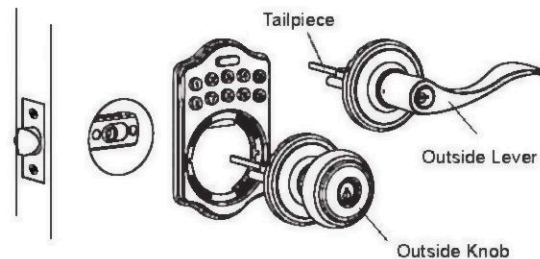
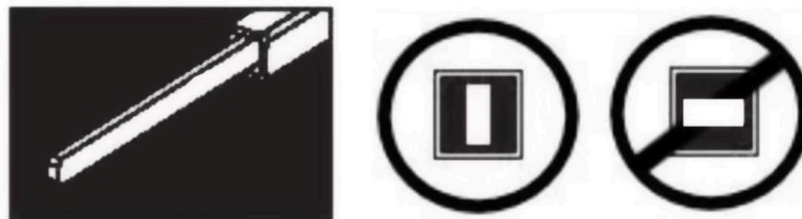


- Half-close the door to lay the latchbolt against the door frame. Mark the position of faceplate as an indication. Place the strike against the door frame and mark its perimeter. Be sure the center of strike is perfectly aligned with the center of faceplate.
- Drill a $\varnothing 25.4\text{mm}$ (1") hole with 13mm (1/2") depth on the center of strike outline. Then use the chisel to scrape out the door frame for 1.6mm (1/16") deep within your pencil mark. Ensure to chisel deep enough to allow the strike to lay flush with the frame surface.
- Insert the strike and tighten it with screws.
Note : please use "tapping screws" for metal door.

6. Install Keypad Assembly

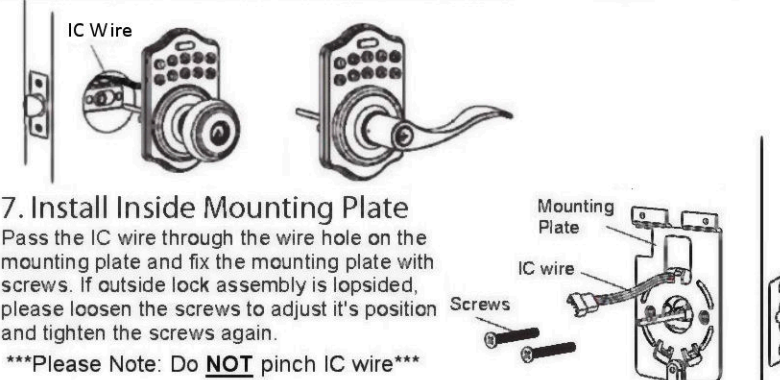
- Place the leverset/knobset against keypad with tailpiece in vertical position inserted through cam of the latch.

PLEASE NOTE: Tailpiece MUST be in VERTICAL position.



3

- Pass the IC wire over the latch to the interior side of door. Do **NOT** pinch wire.



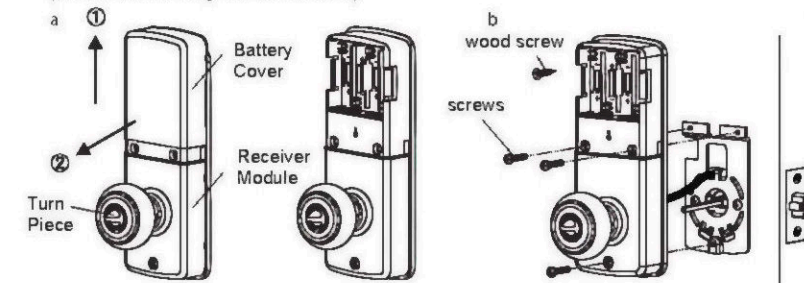
7. Install Inside Mounting Plate

Pass the IC wire through the wire hole on the mounting plate and fix the mounting plate with screws. If outside lock assembly is lopsided, please loosen the screws to adjust its position and tighten the screws again.

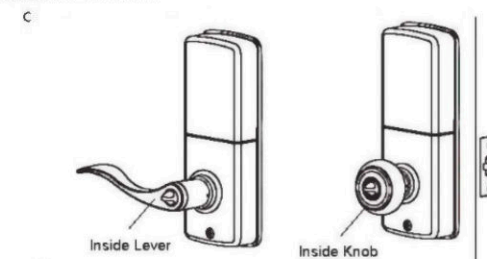
*****Please Note: Do NOT pinch IC wire*****

8. Install Receiver Module

- Remove the battery cover (push it up and pull it out).
- Connect the IC wire and ensure the turn piece is horizontal, so that the tailpiece is able to engaged with the inside lever/knob. Then attach receiver module to the door with screws. It's optional to use the attached wood screw.
(Wood screw only for wood door)



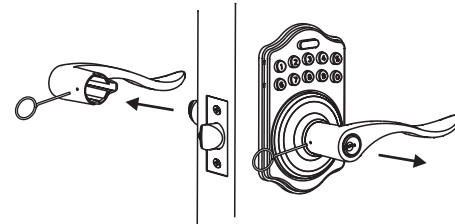
- Insert 4 (AA) 1.5V alkaline batteries and put the battery cover back to the receiver module.



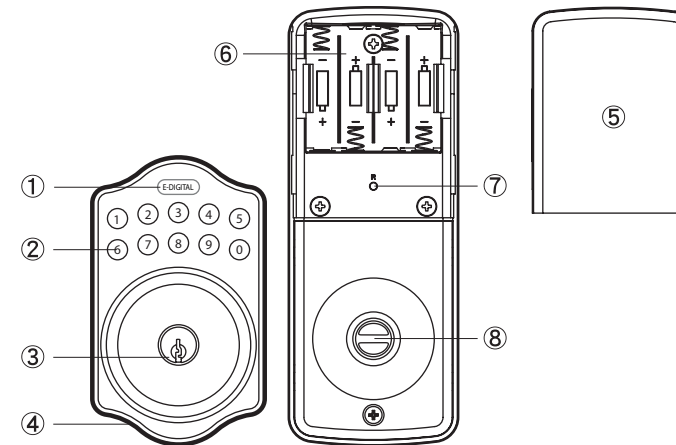
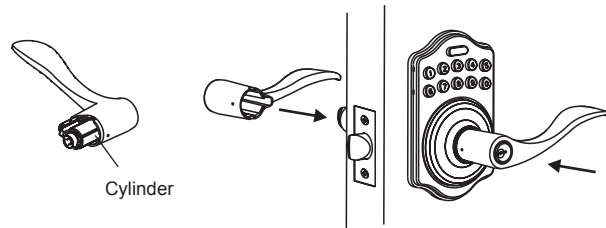
4

9. Change Lever Handing

- a. Be sure the levers are unlocked.
Insert the provided pin wrench into the small hole on the neck of lever and apply pressure to depress the catch and pull out the lever from the stem.
Follow the same steps to remove interior lever and exchange the position of inside and outside levers.



- b. Remove the cylinder from lever and insert it into opposite lever.
Then install the levers and make sure the small hole on the neck of lever aligns over the catch perfectly. Rotate the levers to see if it operates well.



① Programming Button

Programming Button is for entering codes, clearing errors and setting function.
It's also a lock button.

② Number Buttons

Input the user codes, each user code is 4-10 digits in length.

③ Cylinder

Lock/Unlock the lockset from exterior.

④ Gasket

Prevent water permeating into lockset.

⑤ Battery Lid

Slide the lid to change the batteries.

⑥ Battery Holder

Four AA (1.5V) Alkaline batteries.

⑦ R Button (Reset)

Restore default setting.

⑧ Turn-Button

Lock/Unlock the lockset from interior.

Specification/Function

1. Power

6V - Requires four AA (1.5V) Alkaline batteries.

2. Low Battery

- 2-1 The batteries should be changed immediately when you see button 1 flashing in red and hear 10 rapid beep sounds when pressing programming button.
- 2-2 All settings are retained in the memory and will not be effected even if the battery is completely dead.
- 2-3 The lock can still be operated by key if the lock is without power.

3. Illuminated Indicator

- 3-1 Button 1 flashes green once for successful operation.
- 3-2 Button 1 flashes in green twice for successful programming.
- 3-3 Button 1 flashes in red 3-times when there is an operation error.
- 3-4 Button 1 flashes in red 5-times for code input errors. the system will shut down for system protection after 5 incorrect entries (Refer to #16).
- 3-5 Button 1 flashes in orange 3-times when system has been restored to default setting.
- 3-6 Button 1 flashes in orange slowly while in programming mode.

4. Audible Indicator

- 4-1 1 beep sound indicates a successful operation.
- 4-2 2 long beep sounds indicate successful programming.
- 4-3 3 beep sounds indicate an operation error.
- 4-4 3 long beep sounds indicate that the system has been restored to default settings.
- 4-5 5 beep sounds indicate code input error. System will shut down after 5 incorrect entries. (Refer to #16)
- 4-6 10 rapid beep sounds indicate that the batteries are low. Change batteries immediately.

5. Programming Code

- 5-1 The preset Programming Code is 0000. Please change Programming Code after first operation.
- 5-2 Programming Code is only for function setting. You cannot unlock the lockset by entering Programming Code.
- 5-3 Programming Code must be 4-10 digits.
- 5-4 If necessary, Programming Code can be changed at any time.

6. User Codes

- 6-1 The preset User Code is 1234. Please delete it and create a new User Code during first operation.
- 6-2 Up to 6 sets of User Codes can be saved at one time.
- 6-3 User Codes are only used to unlock the lockset.
- 6-4 User Codes must be 4-10 digits.
- 6-5 User Codes can be added or deleted at any time.

7. Deleting Individual User Codes

- 7-1 User Codes can be deleted individually. You can reset the same number code even if it has been deleted previously.
- 7-2 Programming Code is needed when deleting individual User Codes.

8. Deleting All User Codes At Once

- 8-1 All User Codes can be deleted at once. You can still reset and use the same User Codes even if you have deleted them previously.
- 8-2 Auto-locking and Keypad locking functions will be invalid after deleting all User Codes and the lock will only be operational with the key. These functions will be restored with the creation of new User Codes.
- 8-3 Programming Code is needed when deleting all User Codes.

9. Temporarily Disabling All User Codes

- 9-1 Auto-locking and Keypad locking function will be invalid when User Codes are temporarily disabled. The lock can only be operated by key during this time.
- 9-2 Repeat the programming steps to restore the auto-locking and keypad locking functions once User Codes are restored.

10. Creating Disposable User Codes

- 10-1 Disposable User Codes are invalid after one use.
- 10-2 You can reset the same numbers as User Codes.
- 10-3 Programming Code is needed when creating Disposable User Codes.

11. Restoring Preset Factory Codes

- 11-1 You can restore the Preset Factory Code by pressing the "R" button on the interior of the receiver module. Used when you forget your Programming Code or you want to cancel all previously created settings.
- 11-2 After system restore, the Programming Code will be "0000" and the User Code will be "1234".

12. Unlocking the Lockset

The lockset can be unlocked by key, by entering the User Code and E-Digital button on the keypad or with the turnpiece on the interior of the door.

13. Locking the Lockset

The lockset can be locked by key, by pressing the Programming Button "E-Digital" on the keypad or with the turnpiece on the interior of the door.

14. Activating/Deactivating the Auto-Locking Function

- 14-1 The lockset will automatically lock itself within 10-99 seconds when this function is programmed.
- 14-2 The function is not preset and must be programmed to operate.
- 14-3 The preset delay-time is 30-seconds. The delay-time can be adjusted as needed.
- 14-4 The same programming steps are used to both activate and deactivate the auto-locking function.

15. Turn Mute On/Off

- 15-1 Beep sounds will be heard when pressing keypad, and for programming and operating errors.
- 15-2 LED Illumination will still function while in Mute. The warning alarm will not function while muted, and it is recommended not to Mute device unless necessary.
- 15-3 The normal operating sounds of the motor cannot be muted.

16. Code Protection Function

The system will shut down when incorrect codes are entered more than 5-times. The system will be restored after 45-seconds of inactivity.

17. Illumination

The LED Keypad will light up when pressing any button to ensure ease of operation in the dark.

User Code & Function Setup

1. The lockset **must** be in the unlocked position while programming.
2. Change default Programming Code "0000" and User Code "1234" before function setup.
3. LED flashes orange slowly while programming. LED flashes green twice with two long beeps when input is correct. LED flashes red three times with three beeps when incorrect. You will need to wait 6-seconds or press programming button when incorrect input is entered. After 6-seconds system operations will be restored.
4. Each programming step should be completed within 6-seconds.
5. You can lock/unlock the product with both the key and the keypad. Please refer to the programming table on the following page for function setup instructions.

IMPORTANT

1. The use of alkaline batteries is recommended to stabilize the power supply.
2. Do **not** mix battery brands or mix alkaline batteries with regular zinc-oxide batteries.
3. Do **not** use any chemical liquid or lubricating oil with additives to clean the lock body. Use of these products could damage the product's surface and/or mainboard.
4. If there is any problem with the product, please contact LockeyUSA "LDS".

Function Programming

NOTE: LOCK MUST BE IN UNLOCKED POSITION TO PROGRAM

Programming Code (PC)

USER Code (UC)

Add New User Codes (Refer to #6)

Enter PC → E-DIGITAL → 1 → E-DIGITAL → Enter New UC → E-DIGITAL

Remark:

Up to 6 sets of User Codes can be saved. User Code should be 4-10 digits in length.

Delete Existing User Codes (Refer to #7)

Enter PC → E-DIGITAL → 2 → E-DIGITAL → Enter the UC you want to delete → E-DIGITAL

Delete All User Codes (Refer to #8)

Enter PC → E-DIGITAL → 3 → E-DIGITAL

Remark: Auto-locking and Keypad locking function will be disabled when User Codes are deleted. The lock can only be operated by the key during this time.

Change Programming Code (Refer to #5)

Enter PC → E-DIGITAL → 4 → E-DIGITAL → Enter New PC → E-DIGITAL

Turn Autolock On/Off (Refer to #14)

Enter PC → E-DIGITAL → 5 → E-DIGITAL

Remark: The preset delay-time is 30 seconds, you can change the time by following the instructions below.

Repeat the steps to cancel the Auto-locking function.

Set Autolock Time Delay (Refer to #14)

Enter PC → E-DIGITAL → 6 → E-DIGITAL → Enter Seconds (10~99) → E-DIGITAL

Remark: 10-99 seconds delay-time available.

Programming Code (PC)

USER Code (UC)

Turn Mute On/Off (Refer to #15)

Enter PC → E-DIGITAL → 7 → E-DIGITAL

Remark: Repeat same steps to turn sound On/Off.

LED illumination is still functioning when it's in mute, but there will be no warning alarm.

Enable/Disable All User Codes (Refer to #9)

Enter PC → E-DIGITAL → 8 → E-DIGITAL

Remark: Auto-locking and Keypad locking function will not work when User Codes are disabled. The lock can only be operated with the key during this time. Repeat the steps to enable the User Codes again.

Create Disposable User Codes (Refer to #10)

Enter PC → E-DIGITAL → 9 → E-DIGITAL → Enter new disposable UC → E-DIGITAL

Remark: Disposable user code is no longer valid once it's been used.

Restore All Preset Factory Settings (Refer to #11)

Press **R** on the interior of the receiver module.

Remark: Press and hold button for more than 5-seconds. The restoration will be complete after you hear 3 long beeps.

PLEASE NOTE: LOCK MUST BE IN UNLOCKED POSITION TO SUCCESSFULLY COMPLETE PROGRAMMING FUNCTIONS.

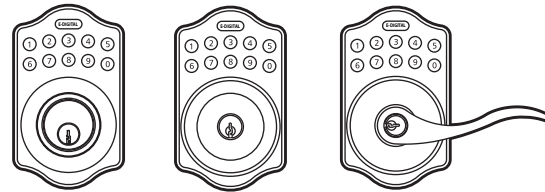
Visit www.LockeyUSA.com for additional product information.

Notice : The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

IMPORTANT NOTE : To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted.
Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user's authority to operate the device.

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.

LOCKEY DIGITAL SYSTEMS INC.
Mt. Pleasant Michigan
www.lockeyusa.com



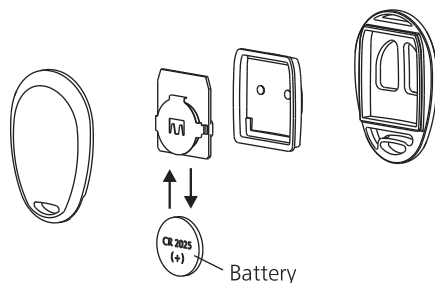
E-DIGITAL ELECTRONIC LOCK REMOTE CONTROL MANUAL

Remote is well programmed already. You may use it without programming only if you want to add more remotes or change the setting. Please refer to the following instructions.

FEATURES

1. Power & Battery

- 1-1 Power : a CR2025 lithium button cell battery needed.
1-2 Changing Battery : Please use slotted head screwdriver to separate the plastic cover and change the battery.




- 1-3 All setting will not be changed or eliminated because of battery replacement.


2. Transmission Distance

15 meters transmission distance without obstruction.

3. Lock the lockset



- Press  on remote once
→ Green light flashes twice with 2 short beep.
→ The door is locked.

4. Unlock the Lockset



- Press  on remote once.
→ Green light flashes twice with 2 short beep.
→ The door is unlocked.

PROGRAMMING

1. Add Remotes (under unlock status)

- (1) Enter Programming Code
→ Press 
→ Enter ① ①
→ Press 
→ Press any button on remote
→ It's usable after 8 seconds
(2) 3 short warning sounds when re-add the same remote.
The remote is still valid, and won't occupy the number of available remotes.
(3) Up to 5 remote controls available.

2. Delete All Remotes

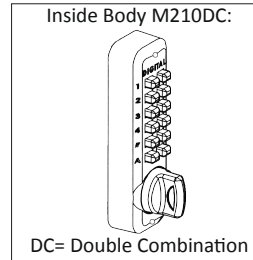
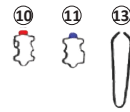
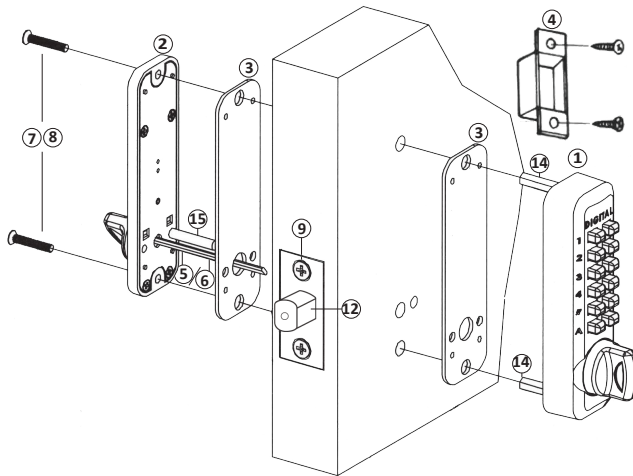
- (1) Enter Programming Code
→ Press 
→ Press ① ①
→ Press 
(2) It's not available to delete individual or specified remote.
When you delete remotes, you delete all of them.

REMARK

- Please do not install the battery backwards.
- It might cause a breakdown of the remote if the battery is connected backwards.
- The remote will not function once the low-battery warning alarms until the battery is replaced.



DIGITAL M-210 DEADBOLT INSTALLATION INSTRUCTIONS M210 | M210 DC



No.	Part Name	M210
1	Outside Body	1
2	Inside Body	1
3	Rubber Trim Plate	2
4	Mortised Strike	1
5	Spindle 40-55mm.	1
6	Spindle 30-45mm.	1
7	Machine Screw M4 x 50mm	2
8	Machine Screw M4 x 35mm	2
9	Wood Screw M4	4
10	Extra Code Tumblers (Red)	1
11	Extra Non-Code Tumblers (Blue)	2
12	Adjustable Deadbolt 2 3/8" - 2 3/4"	1
13	Tweezers	1
14	Hex Bolts	2
15	Brass Support Pin	1

INSTALLATION INSTRUCTIONS:

Step 1: Change User Code/Combination (OPTIONAL)

To change user code/combination, see instructions on reverse side.

Step 2: Prep Door for Installation with Template (If door is prepped with 2 1/8" hole, use Bonus M210EZ Mount Kit and Instructions)

Place template (supplied) on door and fold along door's edge.

Mark holes for 2 3/8" or 2 3/4" backset. Drill holes as instructed.

Step 3: Identify Door Handing

(The M210 is pre-handed for right-hand doors)

Right-Hand Doors – From exterior of door, hinges are on right-side (Fig. 1).

Left-Hand Doors – From exterior of door, hinges are on left-side (Fig. 2).

To change handing for left-hand doors, use a #1 phillips screwdriver to remove two blue screws and cover plate from Outside Body (Fig. 3).

Move the handing pin from the right side of the outside body to the hole on the left side.

Replace plate and screws.

Fig. 1
RIGHT HAND

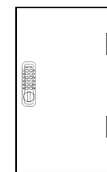


Fig. 2
LEFT HAND

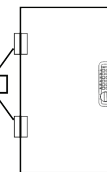
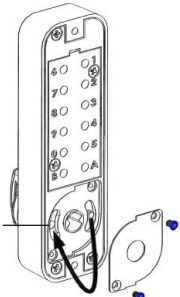
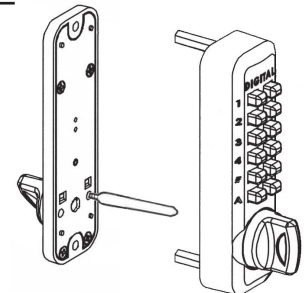


Fig. 3



*Note: For M210DC – Inside Body must be handed opposite from Outside Body.

Fig. 4



Step 4: Install Support Pin & Hex Bolts (Fig. 4)

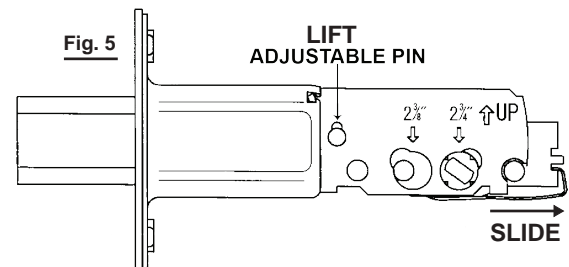
Install Brass Support Pin (#15) into either hole on Inside Body.

Install/screw Hex Bolts (#14) into the top and bottom of the Outside Body.

*Note: For M210DC -- No support pin is used on double combination locks.

Fig. 5

LIFT
ADJUSTABLE PIN



Step 5: Adjust Deadbolt (if necessary) & Install

Adjustable Deadbolt (#12) is preset to 2 3/8" backset.

To adjust, lift pin and slide to 2 3/4" (Fig. 5).

With arrow pointed UP, insert Deadbolt and secure with two (2) Wood Screws (#9).

Continued on Reverse Side

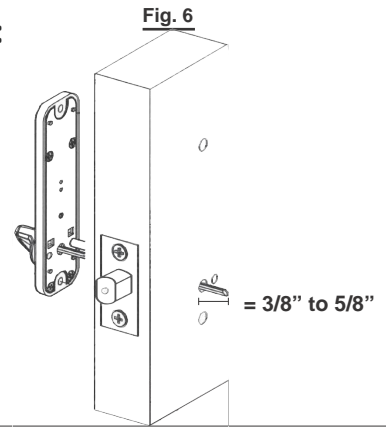
INSTALLATION INSTRUCTIONS CONTINUED:

Step 6: Verify Correct Spindle Length (Fig. 6)

With deadbolt (#12) installed, hold the Inside Body (#2) and Rubber Trim Plate (#3) to the door. Place Spindle (#5/6) through Deadbolt, into the Inside Body, as far as possible. Spindle should extend from exterior of door 3/8" min. to 5/8" max. If the 30-45mm spindle (#6) is too long, cut it to the correct length.

*IMPORTANT:

If spindle extends less than 3/8" it may not engage the lock.
If spindle extends more than 5/8", it will cause the lock to bind.



Step 7: Install the DIGITAL M210

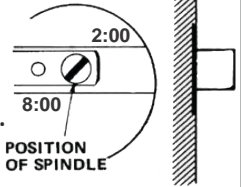
Place the Rubber Trim Plate (#3) on the backside of the Outside Body (#1). Place the Outside Body on the door. The hex bolts (#14) should extend into the top and bottom holes. The Support Pin (#15) on the Inside Body should extend through the hole in the Deadbolt (#12). Insert the Spindle (#5/6) into the Outside Body (#1) ensuring it's in the proper angled position.

*IMPORTANT: SPINDLE POSITION/ANGLE

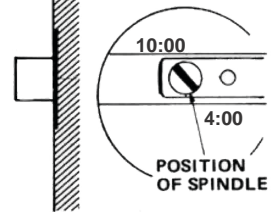
RIGHT-HAND DOORS: From inside, place spindle through Deadbolt, into the Outside Body (#1) in the 2:00/8:00 position.

LEFT-HAND DOORS: From inside, place spindle through Deadbolt, into the Outside Body (#1) in the 10:00/4:00 position.

Right-Hand Door
(INSIDE DOOR)



Left-Hand Door
(INSIDE DOOR)



Using a screwdriver, secure the lock to the door with the Screws (#7 or #8).
(Screw length is dependent on door thickness.)

Test the operation of the Deadbolt by turning the inside thumbturn.

Locate position where Deadbolt strikes door frame and install Mortised Strike (#4).

Test your M210 Digital Door Lock before closing the door:

From Inside: Turn knob to lock, turn knob to unlock. For M210DC, use code to unlock.

From Outside: Turn knob to lock, use combination to unlock.

***NOTE:** If combination is needed to lock, change handing (as described in Step #3).

Your installation is now complete.

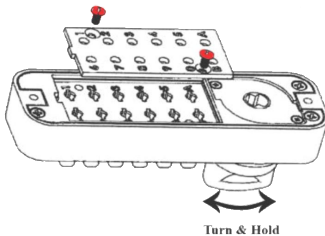


SAVE

How to Change User Code/Combination

1. Using a #2 screwdriver, remove the two (2) Red Screws.
2. Carefully remove cover plate.

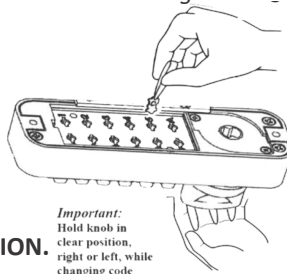
WARNING: Springs are attached to plate.



3. TURN & HOLD thumb-turn to right or left 90° to release tumblers.
IMPORTANT: THUMB-TURN MUST be turned 90° and held when removing and inserting tumblers. Failure to do so will damage the lock and void the warranty.

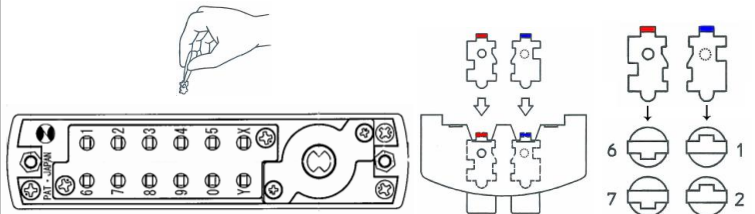
WARNING:

Do NOT force tumblers into position!

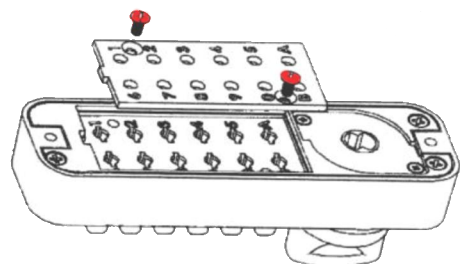


TURNING THUMBTURN 90°= CLEAR POSITION.

4. With the thumb-turn held 90° to the right or left, remove/add **CODE (Red)** and **NONCODE (Blue)** tumblers to create the desired code.
Ex: 3 Red = 3-Digit Code / 6 Red = 6-Digit Code
5. After changing your code, release the thumb-turn to secure the tumblers in place.

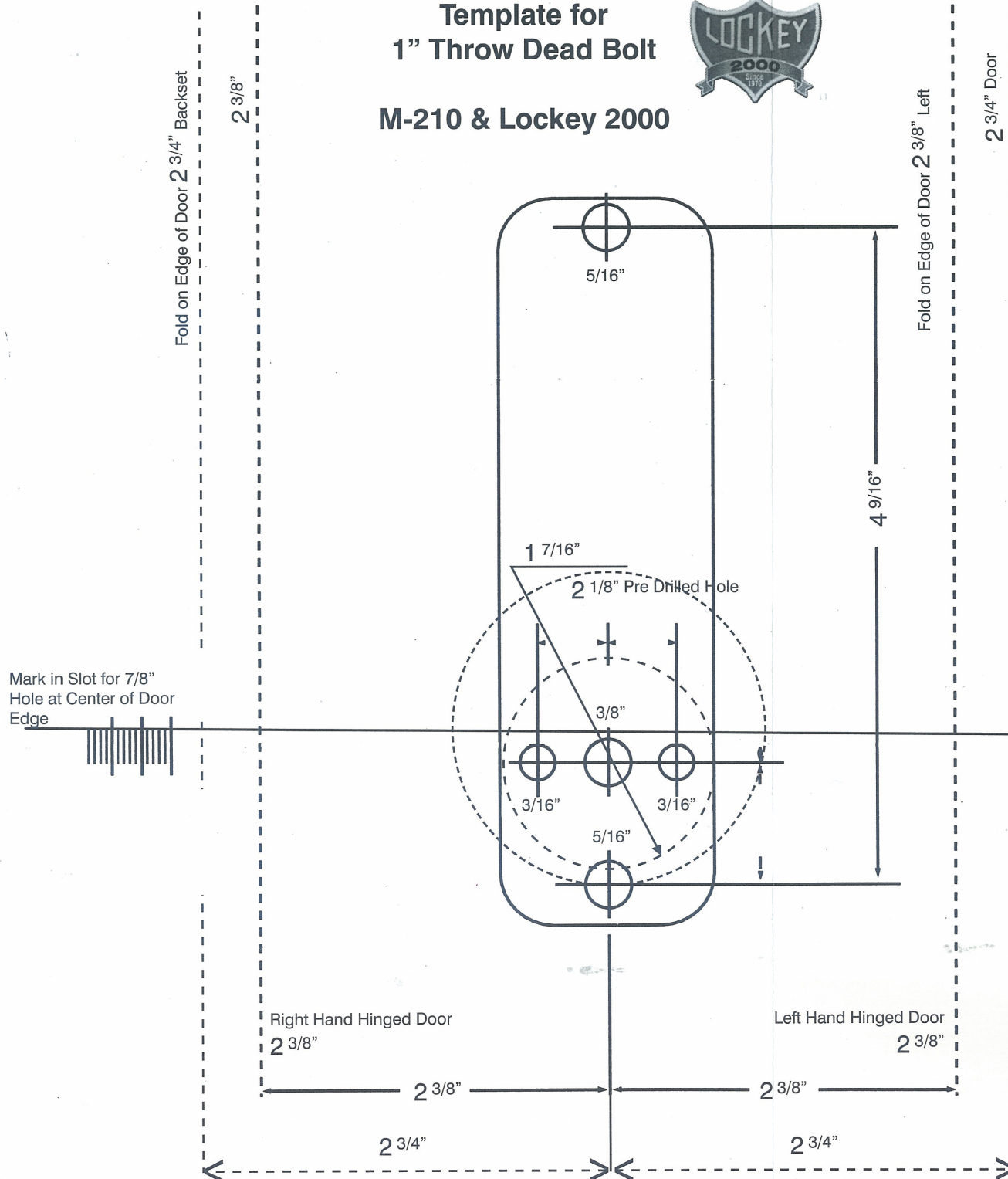


6. Replace the cover plate and secure with two (2) Red Screws, using a #2 screwdriver.
7. TEST CODE before installing/re-installing lock.



For more helpful tips and installation videos, visit www.LOCKEYUSA.com

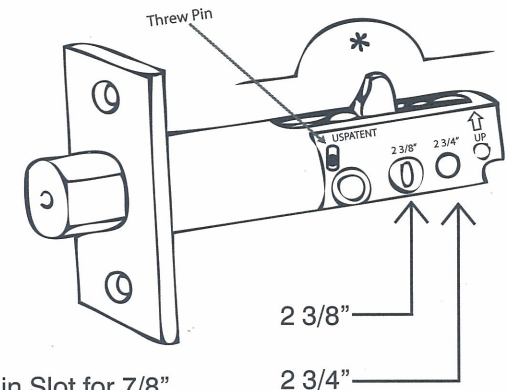
**Template for
1" Throw Dead Bolt
M-210 & Lockey 2000**



**Adjustable Dead Bolt
2 3/8" or 2 3/4"**

To Adjust Backset: Lift on the throw pin, move slotted hole to 2 3/4" setting by sliding inter slide toward back of dead bolt set.

Dead bolt is set to 2 3/8" backset from factory.



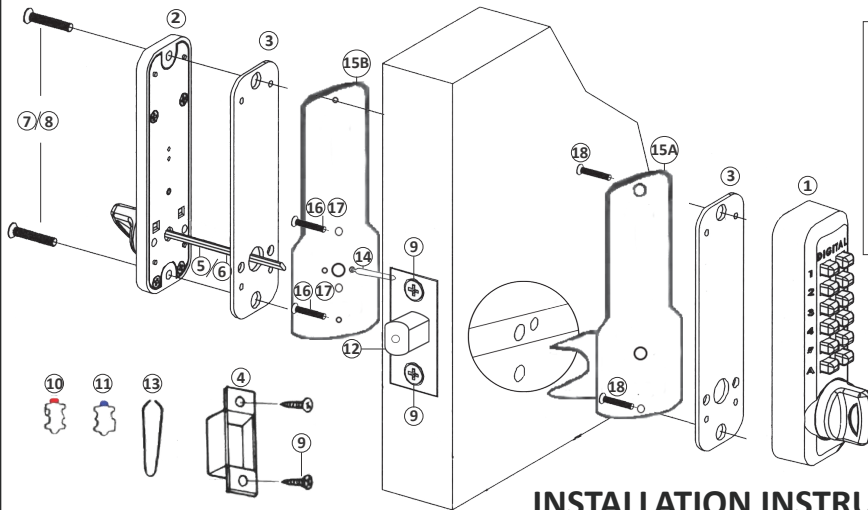
IMPORTANT

1. You must ensure that inside of 22mm (7/8") mortise hole is enlarged by moving wood drill up and down or using a small chisel – This is to give clearance for movement of 'CAM' which moves up as deadbolt is thrown (as shown in diagram below*) – check clearance required by turning spindle in deadbolt and view movement of cam.
2. Ensure you drill hole in door frame deep enough to accept the (1") throw.

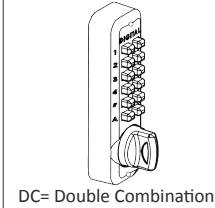


DIGITAL M210EZ DEADBOLT INSTALLATION INSTRUCTIONS

M210EZ | M210EZDC



Inside Body M210EZDC:



DC= Double Combination

No.	Part Name	M210EZ
1	Outside Body	1
2	Inside Body	1
3	Rubber Trim Plate	2
4	Mortised Strike	1
5	Spindle 40-55mm.	1
6	Spindle 30-45mm.	1
7	Machine Screw M4 x 12mm	2
8	Machine Screw M4 x 25mm (DC)	2
9	Wood Screw M4	4
10	Extra Code Tumblers (Red)	1
11	Extra Non-Code Tumblers (Blue)	2
12	Adjustable Deadbolt 2 3/8" - 2 3/4"	1
13	Tweezers	1
14	Brass Support Pin	1
15	EZ Mounting Plates (A&B)	2
16	Machine Screw M4 x 35mm	2
17	Machine Screw M4 x 17mm	2
18	Machine Screw M5 x 1/2"	2

INSTALLATION INSTRUCTIONS:

Step 1: Change User Code/Combination (OPTIONAL)

To change user code/combination, see instructions on reverse side.

Step 2: Identify Door Handing

(The M210EZ is pre-handed for right-hand doors)

Right-Hand Doors – From exterior of door, hinges are on right-side (Fig. 1).

Left-Hand Doors – From exterior of door, hinges are on left-side (Fig. 2).

To change handing for left-hand doors, use a #1 phillips screwdriver to remove two blue screws and cover plate from Outside Body (Fig. 3).

Move the handing pin from the right side of the Outside Body to the hole on the left side.

Replace plate and screws.

*M210EZDC – Inside Body must be handed opposite from Outside Body.

Fig. 1
RIGHT HAND

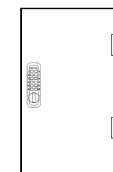


Fig. 2
LEFT HAND

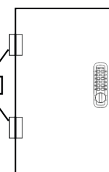
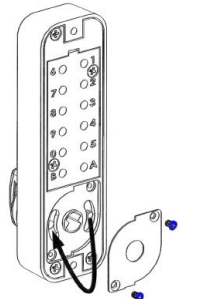


Fig. 3



Step 3: Place Outside Body on EZ Plate A

Place Rubber Trim Plate (#3) on EZ Plate A (#15).

Place the Outside Body (#1) on EZ Plate A and screw into place with two (2) M5 x 1/2" screws (#18).

Fig. 4

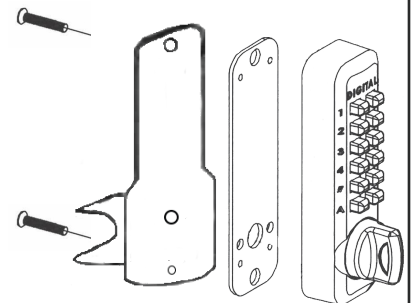
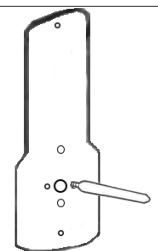


Fig. 5



Step 4: Install Brass Support Pin (Fig. 5)

Install Brass Support Pin (#14) into EZ Plate B (#15) on either side.

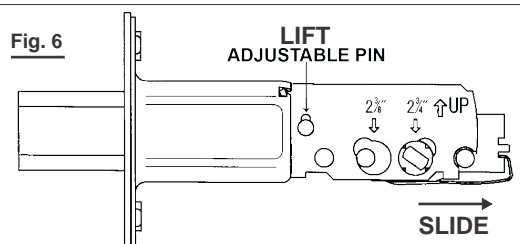
Step 5: Adjust Deadbolt (if necessary) & Install

Adjustable Deadbolt (#12) is preset to 2 3/8" backset.

To adjust, lift pin and slide to 2 3/4" (Fig. 6).

With arrow pointed UP, insert Deadbolt and secure with two (2) Wood Screws (#9).

Fig. 6



Continued on Reverse Side

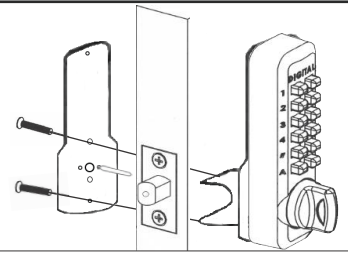
INSTALLATION INSTRUCTIONS CONTINUED:

Step 6: Attach EZ Plates

Place EZ Plate A (#15) with Outside Body attached to outside of door.

Place EZ Plate B (#15) to the inside of the door making sure the Brass Support Pin fits through the hole in the deadbolt.

Hold tight to door and secure plates together using two (2) M4 x 17mm. (#17) or M4 x 35mm. screws (#16).



Step 7: Verify Spindle Length

Insert the Spindle (#5 or #6) at the correct angle (below) into the large hole in EZ Plate B, through the deadbolt and into the Outside Body.

Spindle should extend from interior of door $\frac{3}{8}$ " min. to $\frac{5}{8}$ " max.

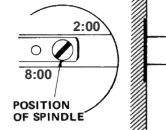
If the 30-45mm spindle (#6) is too long, cut it to the correct length.

*IMPORTANT: SPINDLE POSITION/ANGLE:

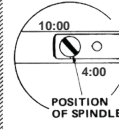
RIGHT-HAND DOORS: From inside, place spindle through Deadbolt, into the Outside Body (#1) in the 2:00/8:00 position.

LEFT-HAND DOORS: From inside, place spindle through Deadbolt, into the Outside Body (#1) in the 10:00/4:00 position.

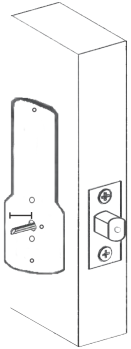
Right-Hand Door
(INSIDE DOOR)



Left-Hand Door
(INSIDE DOOR)



$\frac{3}{8}$ " to $\frac{5}{8}$ " =



*IMPORTANT:

If spindle extends less than $\frac{3}{8}$ " it may not engage the lock.

If spindle extends more than $\frac{5}{8}$ ", it will cause the lock to bind.

Step 8: Complete Installation and Test Lock

Place Rubber Trim Plate to EZ Plate B (#15).

Place Inside Body to EZ Plate B and secure using two screws (M4 x 12mm (#7) for single combination, M4 x 25mm (#8) for DC).

Test your M210EZ Digital Door Lock before closing the door:

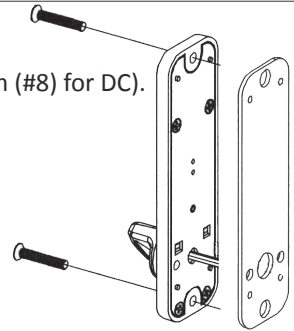
From Inside: Turn knob to lock, turn knob to unlock. For M210EZDC, use code to unlock.

From Outside: Turn knob to lock, use combination to unlock.

***NOTE: If combination is needed to lock, change handing (as described in Step #3).**

Locate position where Deadbolt strikes door frame and install Mortised Strike (#4).

Your installation is now complete.

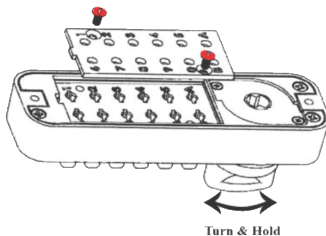


How to Change User Code/Combination

1. Using a #2 screwdriver, remove the two (2) Red Screws.

2. Carefully remove cover plate.

WARNING: Springs are attached to plate.

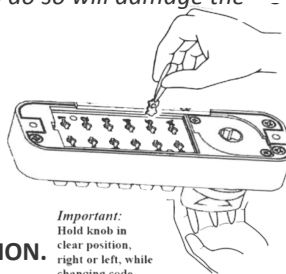


3. TURN & HOLD thumb-turn to right or left 90° to release tumblers.

IMPORTANT: THUMB-TURN MUST be turned 90° and held when removing and inserting tumblers. Failure to do so will damage the lock and void the warranty.

WARNING:

Do NOT force tumblers into position!



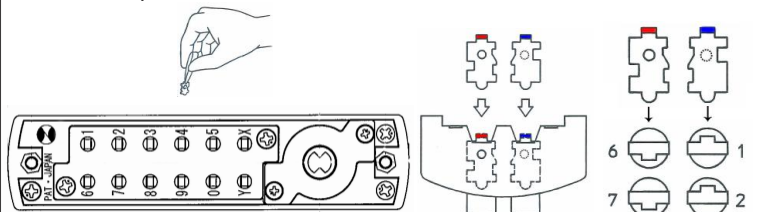
TURNING THUMBTURN 90° = CLEAR POSITION.

Important:
Hold knob in
clear position,
right or left, while
changing code

4. With the thumb-turn held 90° to right or left, remove/add **CODE (Red)** and **NONCODE (Blue)** tumblers to create the desired code.

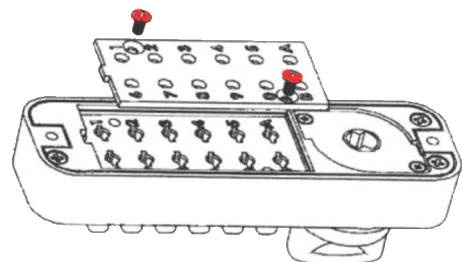
Ex: 3 Red = 3-Digit Code / 6 Red = 6-Digit Code

5. After changing your code, release the thumb-turn to secure the tumblers in place.



6. Replace the cover plate and secure with two (2) Red Screws, using a #2 screwdriver.

7. TEST CODE before installing/re-installing lock.



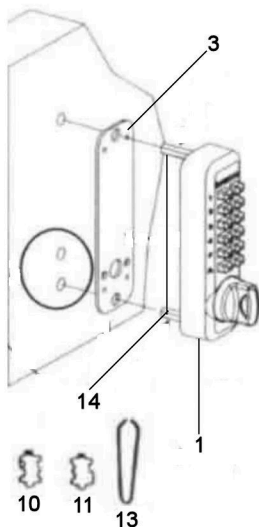
For more helpful tips and installation instructions, visit www.LOCKEYUSA.com

Lockey M213 Installation Instructions

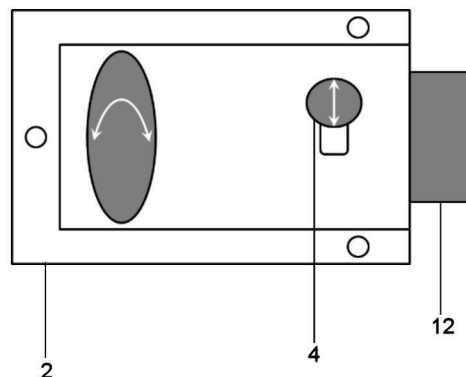
Parts List

NO.	Name of Parts	M213
1	Outside Body	1
2	Inside Body	1
3	Rubber Escutcheon	1
4	Hold-Open Switch	1
5	Spindle for Right Handed Door	1
6	Spindle for Left Handed Door	1
7	Machine Screw M4 x 50mm	2
8	Machine Screw M4 x 35mm	2
9	Wood Screw M4	4
10	Extra Combination Tumblers (Red)	1
11	Extra Non-Combination Tumblers (Blue)	2
12	Nite-Latch	1
13	Tweezers	1
14	Hexagonal Bolts	2

Outside Body Diagram



Inside Body Diagram



Instructions

PLEASE NOTE: You must secure the Outside Body to the door before mounting the Inside Body.

1. Before installing, change your User Code, referencing the "How to Change Code" instructions.
2. Determine door handing. From the exterior of the door, a Right-Handed door will have hinges on the right side of the door and a Left-Handed will have hinges on the left side of the door. Change handing of lock as needed using included "M210" Instructions.
3. Using Inside Body template, determine and mark desired placement (trace outline of body) and mark "through" holes.
4. Drill "through" and spindle holes.
5. Determine correct spindle. There are two (2) spindles included, one for Right-Handed and one for Left-Handed configurations.
6. Ensure Hexagonal Bolts (#14) are attached to Outside Body.
7. Mount Outside Body on door, guiding hexagonal bolts through the top and bottom "through" holes.
8. Secure Outside Body to door using the included washers (2) and machine screws (2).
9. From the interior of the door, place flat end of spindle through the spindle hole into the Outside Body ensuring that it is positioned correctly. The twisted end of the spindle should now be exposed through the interior of the door.
10. Mount Inside Body on door ensuring that the spindle is positioned correctly and engages the lock.
11. Secure Inside Body to door using provided wood screws.
12. Test lock to ensure proper operation and correct handing.



DIGITAL SURFACE MOUNT INSTALLATION INSTRUCTIONS

M220 DEADBOLT | C120 DEADBOLT | C150 HOOKBOLT

No.	Part Name	M220	C120	C150
1	Outside Body	1	1	1
2	Inside Body	1	1	1
3	Rubber Trim Plate	2	2	2
4	Mortised Striker (not shown)	1	1	1
5	Surface Strike Plate	1	1	1
6	Spindle 45-55 mm.	1	1	1
7	Spindle 35-45 mm.	1	1	1
8	Machine Screw M4 x 55 mm.	2	2	2
9	Machine Screw M4 x 45 mm.	2	2	2
10	Wood Screw	2	2	2
11	Extra Code Tumblers (Red)	1	1	1
12	Extra Non-Code Tumblers (Blue)	2	2	2
13	Spacers for Body (1/16" / 5/64") (Not Shown)	1	3	3
14	Thin Door Kit (TDK) (Not Shown)	1	1	1
15	Hex Bolts	2	2	2
16	Tweezers	1	1	1

Step 1: Change User Code (OPTIONAL)

If you wish to change your code, see instructions on reverse side.

Step 2: Prep Door for Installation with Template

BEFORE DRILLING – PLACE INSIDE BODY (#2) AND STRIKE TO DOOR TO ENSURE POSITION WILL BE APPROPRIATE FOR INSTALLATION. YOU MAY NEED TO TRIM DOOR JAMB OR MORTISE THE STRIKE TO INSTALL.

- Place template (supplied) on door and fold along door's edge.
- Depending on door configuration, you may need to change handing and/or reverse bar (M220/C120) from long to short. See Steps 3 and 4.
- Drill holes as instructed and mark location for Strike.

Step 3: Identify Door Handing

Right-Hand Doors – From exterior of door, hinges are on right-side. (Fig. 1)

Left-Hand Doors – From exterior of door, hinges are on left-side. (Fig. 2)

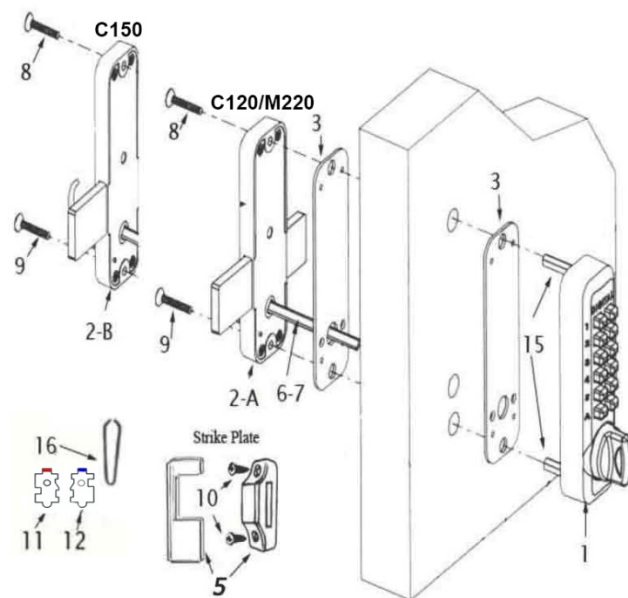
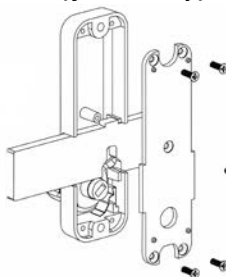
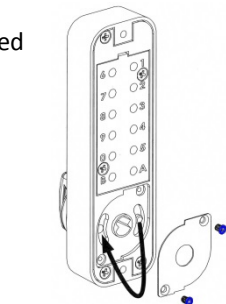
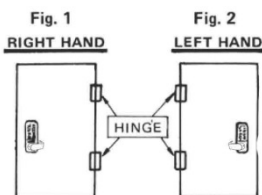
The M220, C120 and C150 are factory pre-handed for right-hand doors. To change handing, remove two (2) blue screws and cover plate from Outside Body as shown.

Now, move the pin from the right side of the outside body to the hole on the left side. Replace plate and screws.

Step 4: Adjust Deadbolt Length – M220/C120 ONLY (if necessary)

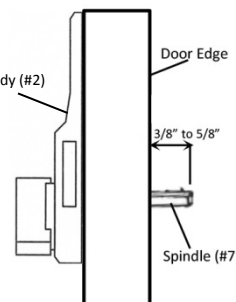
Depending on door configuration, you may need to reverse the bar from long to short.

Remove silver screws and plate from the inside body and reverse bar. Replace the plate and secure with silver screws.



Step 5: Verify Correct Spindle Length

- Hold the Inside Body (#2) and Rubber Trim Plate (#3) to the door.
- Place Spindle (#7) through door into the Inside Body, as far as possible.
- Spindle should extend from exterior of door 3/8" min. – 5/8" max.

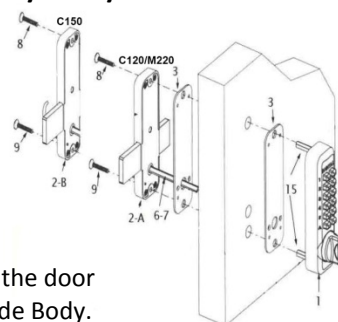


- If Spindle is too long, cut it to the correct length using Pliers.

IMPORTANT: If spindle extends less than 3/8" it may not engage the lock. If spindle extends more than 5/8", it will cause the lock to bind.

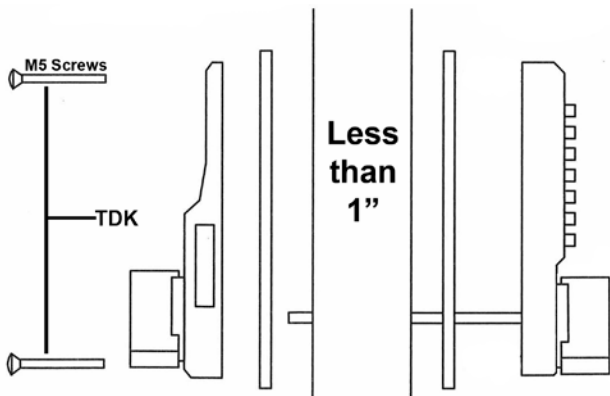
Step 6: Install the DIGITAL M220/C120/C150

- Place the Rubber Trim Plate (#3) on the backside of the Outside Body (#1).
- Place the Outside Body on the door. The hexagonal bolts (#15) should extend into the top and bottom holes.
- Insert the Spindle (#6/7) through the door into the Spindle Hole in the Outside Body.
- Place the Rubber Trim Plate (#3) on the backside of Inside Body.
- Place the Inside Body to the door ensuring that the Spindle is inserted into the Spindle Hole.
- If the Inside Body is not flush with the Surface Strike location, use Spacers (#13) to make Inside Body flush with Strike location.
NOTE: If Spacers do not make Inside Body flush with Strike location, you may need to trim the door jamb or mortise the strike.
- Insert the M4 Screws (#8/9) into the top and bottom holes of the Inside Body and secure with a screwdriver.
- Test the lock to ensure the Deadbolt/Hookbolt is retracting correctly when turning the inside/outside knob.
- Install Strike Plate in proper position and secure with Wood Screws.



Step 7: For Doors Under 1" Thick (if necessary)

1. For doors under 1" thick, you will need to cut the spindle to appropriate size. See Step 5 to verify correct Spindle Length.
2. Remove Hex Bolts and use M5 Screws supplied in Thin Door Kit (TDK) packet to secure lock to door.



Step 8: Using the DIGITAL M220/C120/C150

From Outside:

The door will LOCK by turning the knob to extend the deadbolt/hookbolt.

To UNLOCK, turn the knob to clear the lock, enter the combination and turn the knob to retract the deadbolt/hookbolt.

NOTE: IF DEADBOLT/HOOKBOLT RETRACTS WITHOUT COMBINATION AND REQUIRES COMBINATION TO LOCK (EXTEND), YOU MAY NEED TO CHANGE HANDING. SEE STEP 3.

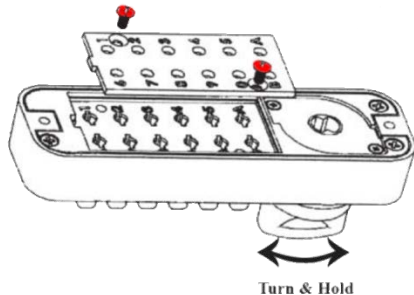
From Inside:

The door will LOCK and UNLOCK by turning the knob to extend or retract the deadbolt/hookbolt.

DIGITAL C-SERIES | M-SERIES HOW TO CHANGE CODE

1. Using a #2 screwdriver, remove the two (2) Red Screws.
2. Carefully remove cover plate.

WARNING: Springs are attached to plate.

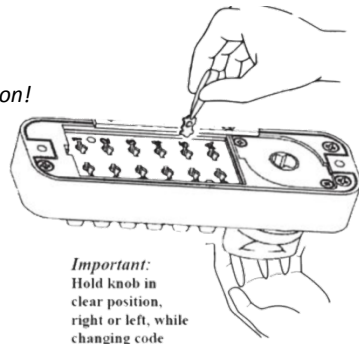


RED = CODE TUMBLERS
BLUE = NON-CODE TUMBLERS

3. TURN & HOLD thumb-turn to right or left to release tumblers.
IMPORTANT: THUMB-TURN MUST be turned and held when removing and inserting tumblers. Failure to do so will damage the lock and void the warranty.

WARNING:

Do **NOT** force tumblers into position!



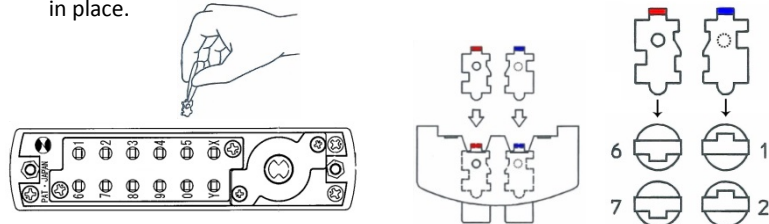
TURNING THUMB-TURN=
CLEAR POSITION

4. While holding the 'C' BUTTON, remove/add **CODE (Red)** and **NON-CODE (Blue)** Tumblers to create your desired code.

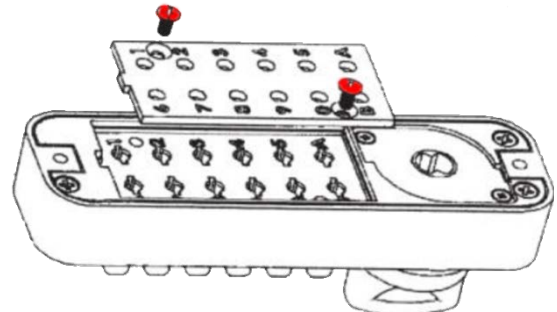
Ex: 3 Red = 3-Digit Code / 6 Red = 6-Digit Code

IMPORTANT: Ensure notched side of tumbler fits into slot. (Below – Far Right).

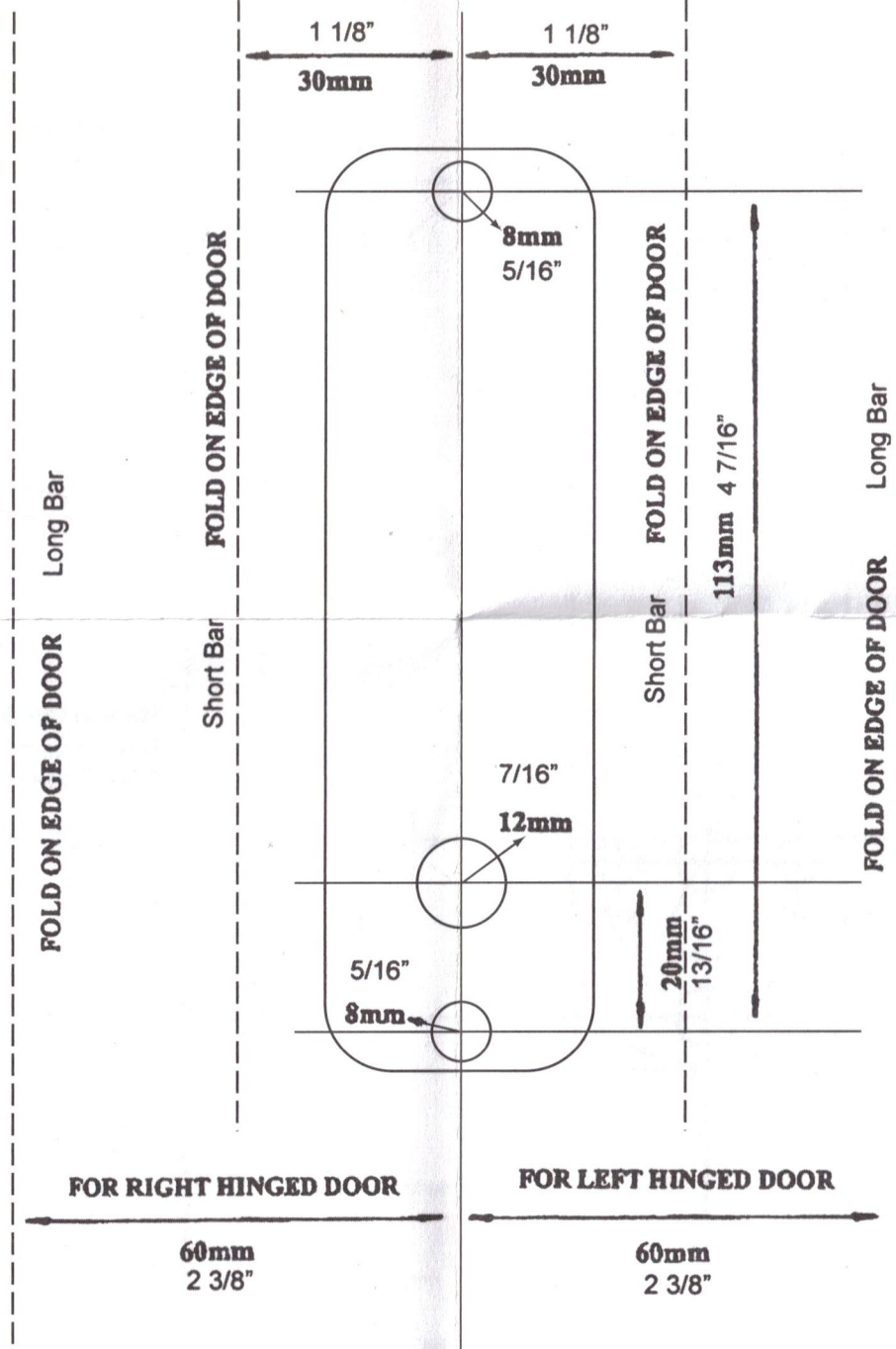
5. After changing your code, release the thumb-turn to secure the tumblers in place.



6. Replace the cover plate and secure with two (2) Red Screws, using a #2 screwdriver.
7. TEST CODE before installing/re-installing lock.



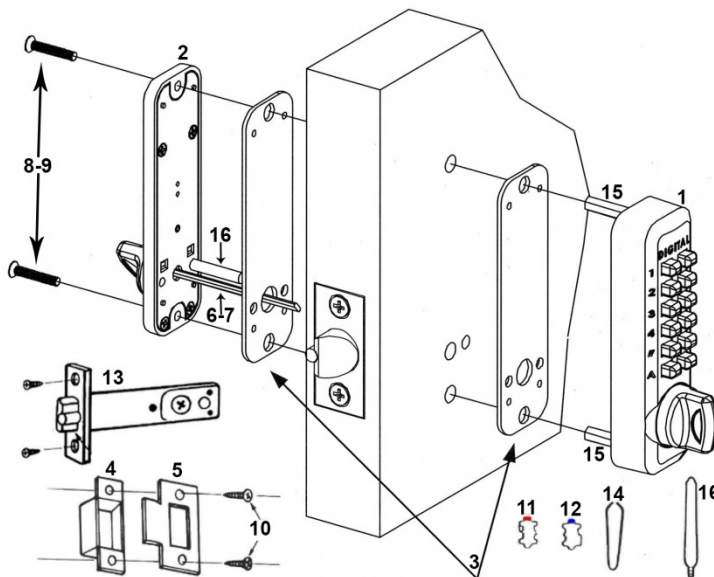
TEMPLATE LOCKEYM220



DIGITAL M-230 | M230 DC INSTALLATION INSTRUCTIONS



No.	Part Name	M230
1	Outside Body	1
2	Inside Body	1
3	Rubber Trim Plate	2
4	Mortised Strike	1
5	Strike Plate	1
6	Spindle 40-55 mm.	1
7	Spindle 30-45mm.	1
8	Machine Screw M4 x 50 mm.	2
9	Machine Screw M4 x 35 mm.	2
10	Wood Screw M4	4
11	Extra Code Tumblers (Red)	1
12	Extra Non-Code Tumblers (Blue)	2
13	Adjustable Latch 2 3/8" – 2 3/4"	1
14	Tweezers	1
15	Hex Bolts	2
16	Brass Support Pin	1



Step 1: Change User Code (OPTIONAL)

If you wish to change your code, see instructions on reverse side.

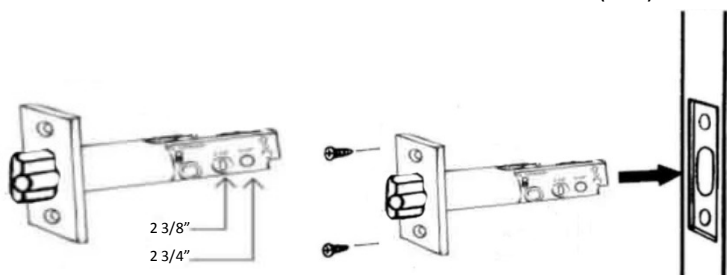
Step 2: Prep Door for Installation with Template

1. Place template (supplied) on door and fold along door's edge.
2. Mark holes for 2 3/8" or 2 3/4" backset.
3. Drill holes as instructed.

NOTE: For Pre-Prepped 2 1/8" doors, you only need to drill top hole.

Step 3: Adjust Latch (if necessary) & Install

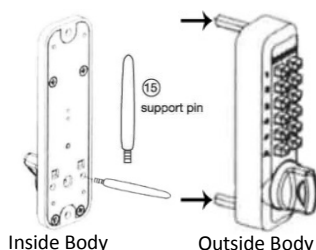
1. Adjustable latch (#13) is factory preset for a 2 3/8" backset.
2. For 2 3/4" backsets, slide the Cam assembly on the latch to 2 3/4".
3. Insert latch into door and secure with Wood Screws (#10).



Step 4: Install Support Pin & Hex Bolts

Install Brass Support Pin (#16) into Inside Body as shown in the figure to the Right [Left].

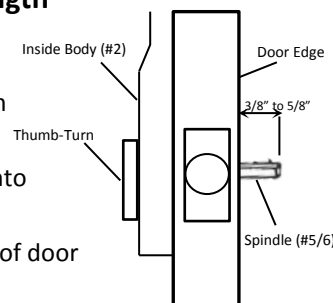
Install/screw Hex Bolts (#15) into the top and bottom of the Outside Body as shown in the figure [Far Right].



Step 5: Verify Correct Spindle Length

1. With latch (#13) installed, hold the Inside Body (#2) and Rubber Trim Plate (#3) to the door.
2. Place Spindle (#6/7) through latch, into the Inside Body, as far as possible.
3. Spindle should extend from exterior of door 3/8" min. – 5/8" max.
4. If the 30-45 mm (#7) is too long, cut it to the correct length.

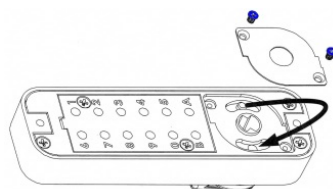
IMPORTANT: If spindle extends less than 3/8" it may not engage the lock. If spindle extends more than 5/8", it will cause the lock to bind.



Step 6: Determine Knob Turn Direction (to unlock)

The lock is preset to unlock when turned clockwise after combination is entered.

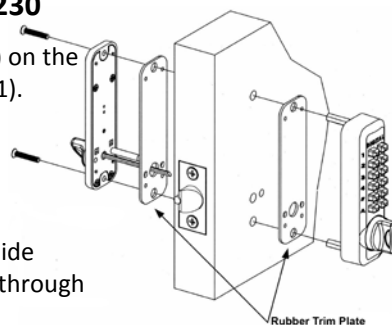
If desired, you can unlock the door with a counter-clockwise turn. Remove the two blue screws and move the pin to the opposite side as shown.



***M230 DC – Inside Body pin must on opposite side from Outside Body.**

Step 7: Install the DIGITAL M230

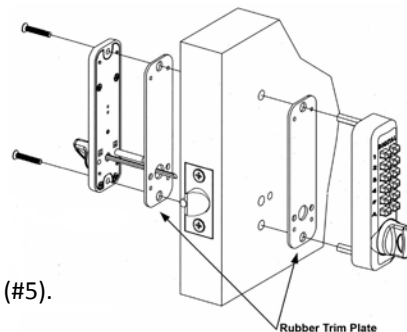
1. Place the Rubber Trim Plate (#3) on the backside of the Outside Body (#1).
2. Place the Outside Body on the door. The hexagonal bolts (#15) should extend into the top and bottom holes.
3. The Support Pin (#16) on the Inside Body should fit into and extend through the hole in the Latch (#13).



INSTRUCTIONS CONTINUED ON REVERSE SIDE

Step 7 cont: Install the DIGITAL M230

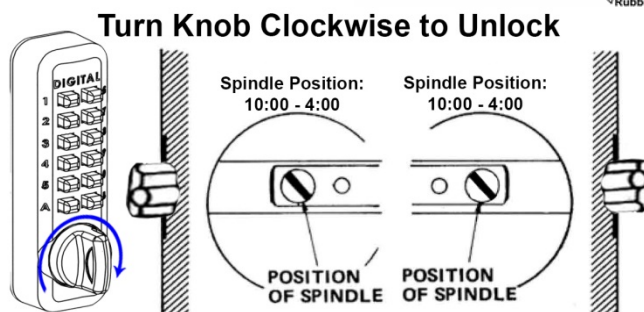
1. Insert the Spindle (#6/7) into the Outside Body (#1) ensuring it's in the proper angled position.
**(SEE FIGURES BELOW)*
2. Using a screwdriver, secure the lock to the door with the Screws (#8 or #9).
Screw length is dependent on door thickness.
3. Test the operation of the Latch by turning the inside thumb-turn.
4. Locate position where Latch strikes door frame and install Mortised Strike (#4) and Strike Plate (#5).



*IMPORTANT: SPINDLE POSITION/ANGLE

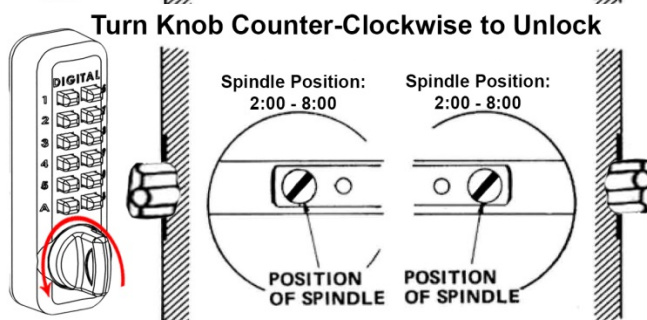
CLOCKWISE TURN TO UNLOCK WITH COMBINATION

The M230 is factory preset to unlock with a clockwise turn when the combination is entered. The Spindle MUST be placed through the latch, at a 10:00 – 4:00 angle as shown.



COUNTER-CLOCKWISE TURN TO UNLOCK WITH COMBINATION

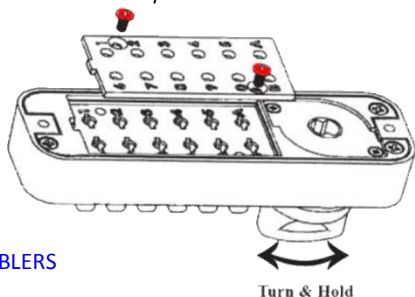
If desired, the M230 can be unlocked with a counter-clockwise turn when the combination is entered. To unlock the M230 with a counter-clockwise turn, please refer to Step 6 to change the Handing Pin.



After changing the Handing Pin, the Spindle MUST be placed through the latch at a 2:00 – 8:00 angle as shown.

DIGITAL M-SERIES HOW TO CHANGE CODE

1. Using a #2 screwdriver, remove the two (2) Red Screws.
2. Carefully remove cover plate.
WARNING: Springs are attached to plate.

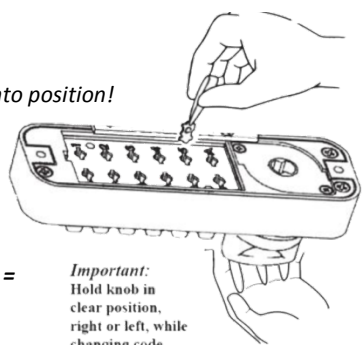


RED = CODE TUMBLERS
BLUE = NON-CODE TUMBLERS

3. TURN & HOLD thumb-turn to right or left to release tumblers.
IMPORTANT: THUMB-TURN MUST be turned and held when removing and inserting tumblers. Failure to do so will damage the lock and void the warranty.

WARNING:

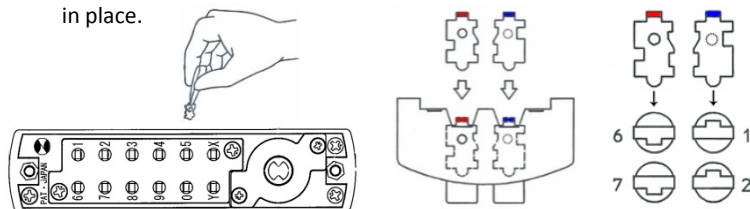
Do **NOT** force tumblers into position!



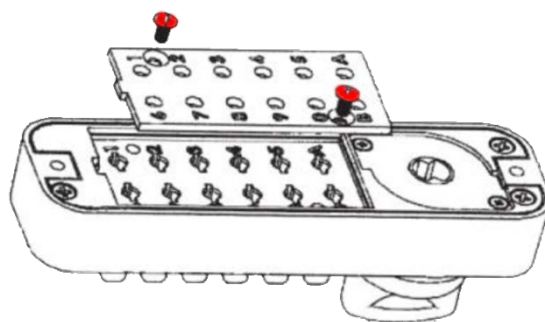
TURNING THUMB-TURN =
CLEAR POSITION

Important:
Hold knob in
clear position,
right or left, while
changing code

4. With the thumb-turn held to right or left, remove/add **CODE (Red)** and **NON-CODE (Blue)** Tumblers to create your desired code.
Ex: 3 Red = 3-Digit Code / 6 Red = 6-Digit Code
IMPORTANT: Ensure notched side of tumbler fits into slot. (Below – Far Right).
5. After changing your code, release the thumb-turn to secure the tumblers in place.

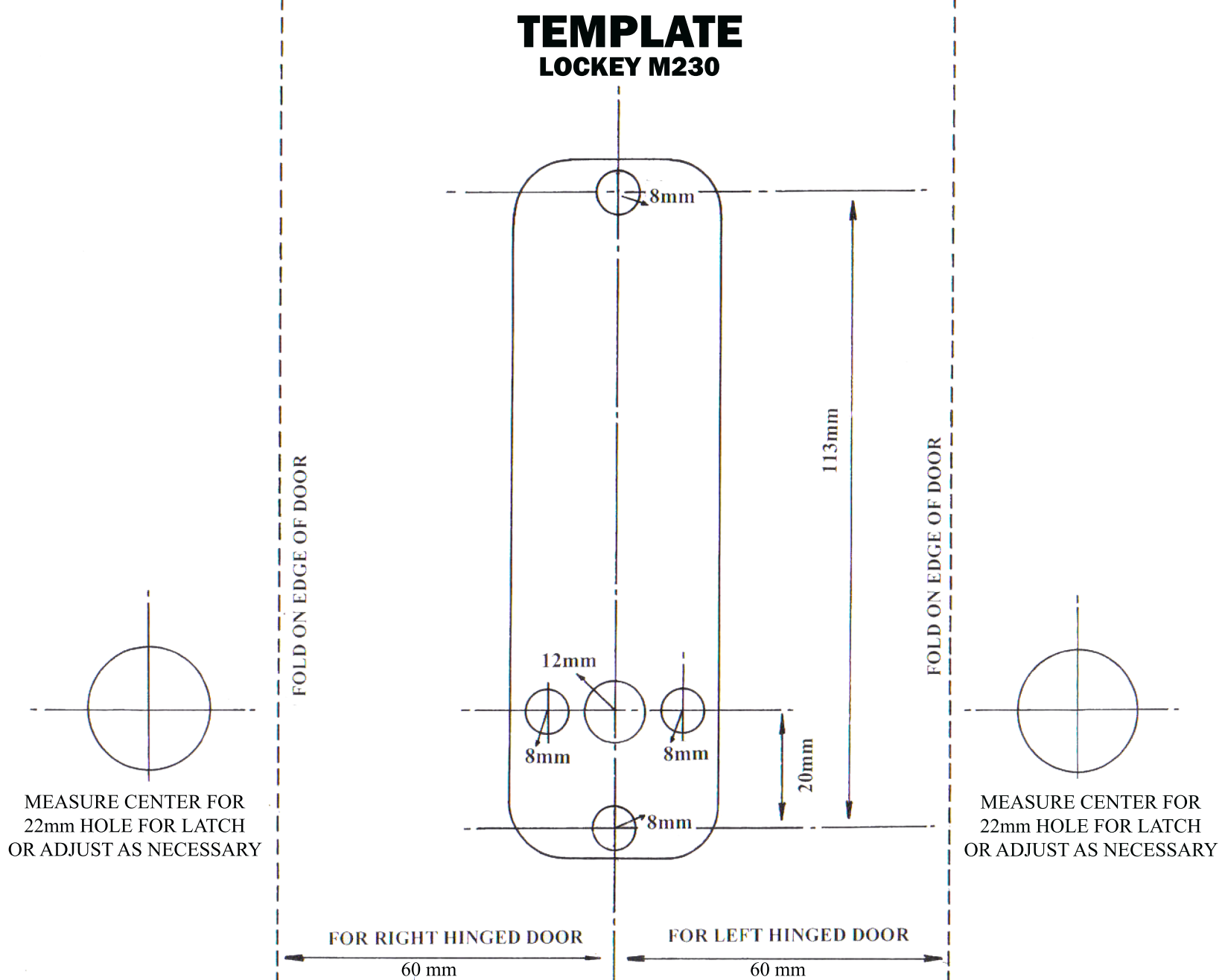


6. Replace the cover plate and secure with two (2) Red Screws, using a #2 screwdriver.
7. TEST CODE before installing/re-installing lock.



TEMPLATE

LOCKEY M230



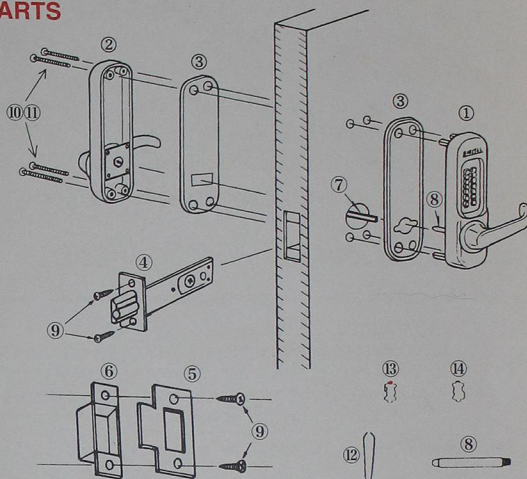
"INSTALLATION INSTRUCTION OF DIGITAL DOOR LOCKS"

NO.1150 (WITH LATCHBOLT)

NO.1150R ... RIGHT HAND TYPE NO.1150L ... LEFT HAND TYPE

I. THE NAME AND DETAILS OF THE ENCLOSED PARTS

NO.	NAME OF PARTS	CONTENT
1.	OUTSIDE BODY, WITH LEVER HANDLE	1 PCE
2.	INSIDE BODY, WITH LEVER HANDLE	1 PCE
3.	RUBBER ESCUTCHEON	2 PCS
4.	LATCHBOLT (60m/m BS or 70m/m BS)	1 PCE
5.	STRIKE-PLATE	1 PCE
6.	MORTISED STRIKER (PLASTIC MADE)	1 PCE
7.	SPINDLE	1 PCE
8.	SUPPORT PIN	1 PCE
9.	TAPPING SCREWS (4x16)	4 PCS
10.	MACHINE SCREWS (5x55)	4 PCS
11.	MACHINE SCREWS (5x45)	4 PCS
12.	TWEEZERS	1 PCE
13.	RED TUMBLER (KEY TUMBLER)...CODE	1 PCE
14.	BLUE TUMBLER (KEYLESS TUMBLER)...NON-CODE	1 PCE
15.	CARD FOR "SECRET NUMBER (CODE NUMBER)"	1 PCE



II. HOW TO INSTALL THE DIGITAL DOOR LOCKS

- Take out a template provided and confirm the "back set" (60m/m or 70m/m) on the surface and the reverse side.
- Decide the position for Digital Door Lock.
- Mark the hole center for 4 small holes (10m/m dia.) and for a large hole (32m/m dia.) on the surface of the door. And also mark the hole center of 1 slot (22m/m dia.) for the Latchbolt at the center of door edge through the template.
- Drill holes as per the Template.
As the slot for Latchbolt, '60 m/m back set' is 85m/m depth and '70m/m back set' is 95m/m depth.

IMPORTANT :

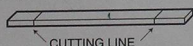
To ensure trouble free operation, the holes **MUST** be drilled accurately.

- Insert the Latchbolt into the slot. Scribe a line around the Latchbolt face and remove it.
- Chisel out the scribed space until the Latchbolt face is flush with the surface of the door edge.
- Fasten Latchbolt with the tapping screws.

IMPORTANT :

Ensure that the Latchbolt face is **EVENLY** fitted.

- Break the spindle according to the door thickness.



- Install the Support Pin provided, at a hole of the direction where the lever handle is installed, on the backside of outside body. (fig 1)
- Fit Rubber Escutcheon provided, to the back-side of outside body.
- Insert the 4-Hexagonal Posts and Support Pin through the holes. (fig 2)
- Insert the spindle into the hole of the backside on the outside body through the hole of Latchbolt from the indoor side.

IMPORTANT :

The spindle must lay at an angle toward the Latchbolt head. (fig 3)

- Fit the Rubber Escutcheon to the inside body.
- Fit the inside body over the spindle from the indoor side making sure the spindle remains laying at an angle toward the Latchbolt head.
- Select the machine screws and fasten them through the inside body, making sure they are not to loose or to tight. (fig 4)

IMPORTANT :

= BEFORE CLOSING THE DOOR, TEST THE OPERATION OF THE DIGITAL DOOR LOCK. =

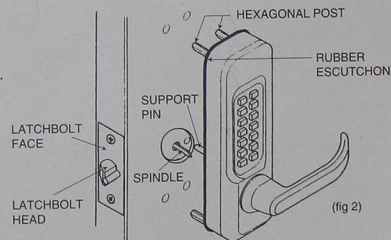
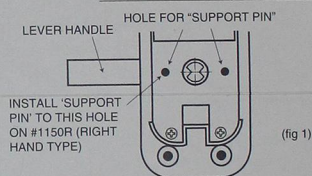
● FROM OUTSIDE DOOR ::

- TAKE OUT A CARD SHOWING YOUR CODE NUMBER.
- ENTER YOUR CODE NUMBER — PREFIXED BY 'C'.
- TURN THE OUTSIDE LEVER HANDLE.
- CONFIRM THAT THE LATCHBOLT HEAD IS RETRACTED SMOOTHLY.

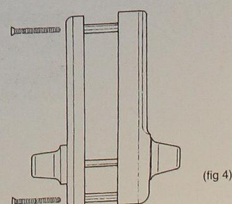
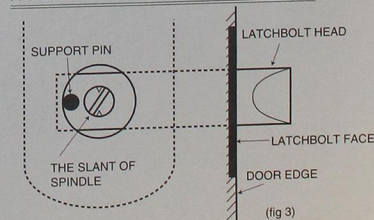
● FROM INSIDE DOOR ::

- CHECK THE OPERATION OF THE LATCHBOLT BY TURNING THE INSIDE LEVER HANDLE.

BACKSIDE OF OUTSIDE BODY



A VIEW FROM INDOOR SIDE FOR #1150R

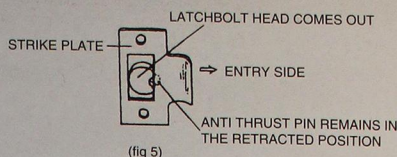


16. Close the door to determine the correct position where the Latchbolt head touches to the face of the door jamb and mark out.
17. Chisel out the space for the mortised striker and for the Strike Plate so that Strike Plate is flush with the surface of the door jamb.
18. Fasten them with the tapping screws.

IMPORTANT :

Make sure that when the door is in the closed/locked position, the Latchbolt Head ONLY inserts into the mortised striker in door jamb and NOT the Anti Thrust Pin. (fig.5)

((The Anti Thrust Pin is retracted by pushing against the Strike Plate to deadlock the Latchbolt.))

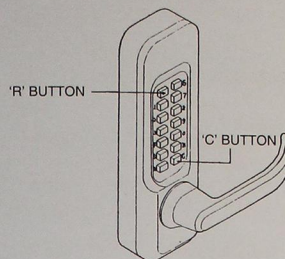


III. HOW TO USE PASSAGE FUNCTION

1. Push "C-button" to clear and then "R-button", continuously.
2. Then, enter your code number, excepting "C".

The lever handle is in a condition of always "free".

- To restore to the locking function, press the R-button and then C-button.



IV. HOW TO CHANGE THE CODE NUMBER

Before attempting to change your code number, please read this information carefully.

RED TUMBLERS : CODE

BLUE TUMBLERS : NON-CODE

"C" TUMBLER : FOR CLEAR, CANNOT BE REMOVED.

WHITE TUMBLER : FOR PASSAGE FUNCTION, IF REMOVED, PASSAGE FUNCTION DOES NOT WORK.

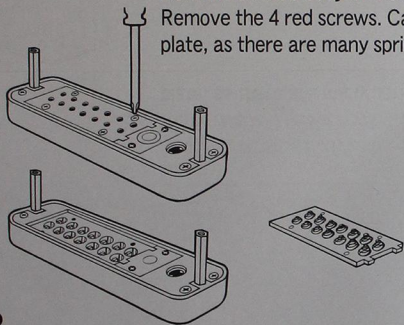
("R" TUMBLER) DO NOT REPLACE WITH ANY OTHER TUMBLER.

When changing your code number, it is very important that all the 'code' and 'non-code' tumblers are replaced correctly.

1

Failure to follow the instructions could result in damage to your lock so please read carefully

Hold the outside body in the horizontal position. Remove the 4 red screws. Carefully remove the plate, as there are many springs attached to it.



2

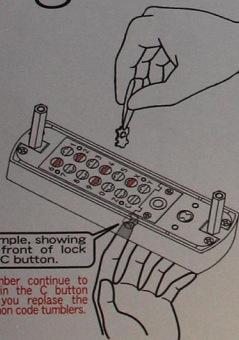
YOU MUST PRESS IN THE C BUTTON FROM THE UNDERNEATH UNTIL YOU HAVE COMPLETED THE CODE CHANGE, AS IT IS IMPOSSIBLE TO LIFT OUT OR INSERT THE CODE TUMBLERS IF YOU DON'T. FORCING THEM WILL DAMAGE THE LOCK.

3

There are blue tumblers (non-code) and red tumblers (code). Your code is made up from the red tumblers always prefixed by C to clear. (Never remove the C tumbler).


Whilst continuing to press in the C button and using the tweezers provided lift out the code/non code tumblers you wish to change.

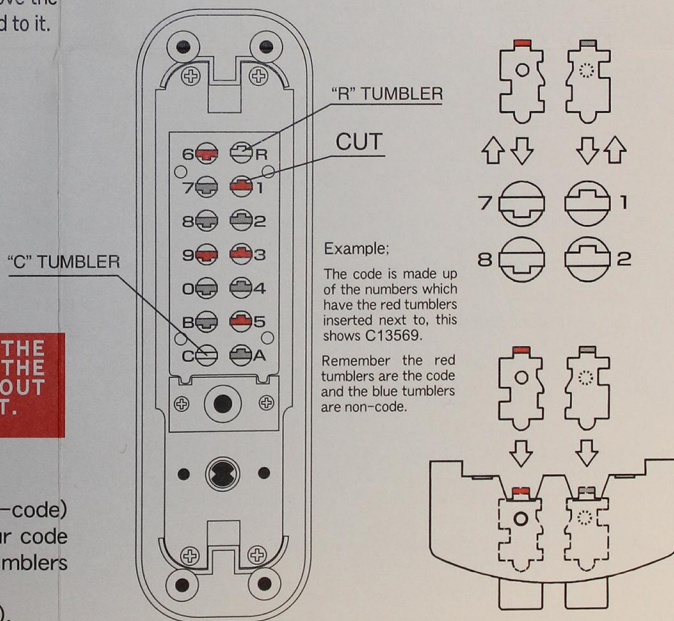
When you re-insert the code/non code tumblers for your new code you must continue to press in the C button.



Example, showing the front of lock and C button. Remember continue to press in the C button when you replace the code/non code tumblers.

4

While pressing in the C button make sure that the coloured top end of the tumbler is facing up wards. Match the  of the tumbler to the exact cut insert of the body.



Example:

The code is made up of the numbers which have the red tumblers inserted next to, this shows C13569.

Remember the red tumblers are the code and the blue tumblers are non-code.

Using the tumblers provided you can change your code from a 3 digit number up to a 7 digit number, always prefixed by C to clear.

To increase, remove the blue and add the red.

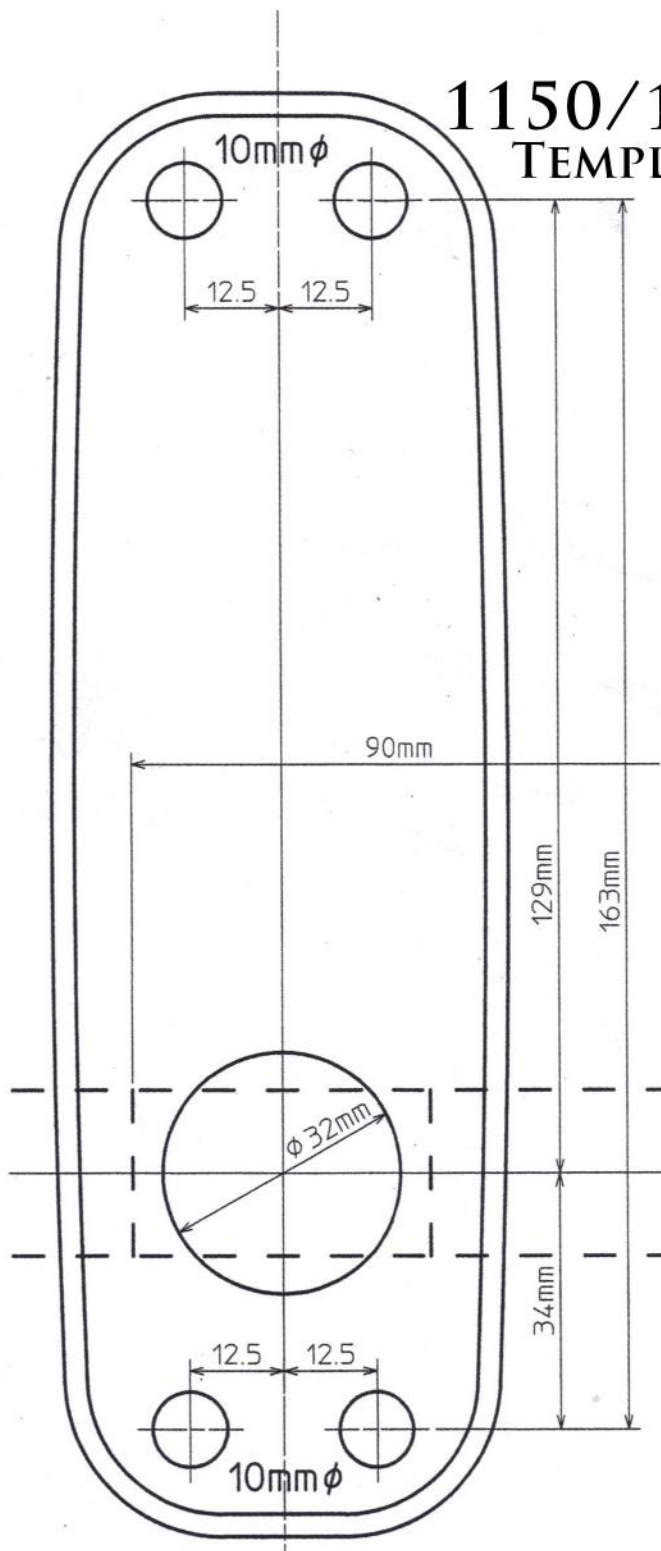
To decrease remove the red and add the blue.

(If you insert a tumbler in the wrong position, press in the C button and lift the tumbler out).

5

When you have completed changing your code release the C button and replace the plate carefully. Always test your new code before installing/re-installing your lock to the door.

1150/1600 TEMPLATE



Lockey Keyless Lock – Additional Instructions

NOTE: The LOCKEY 1600 is field reversible. The LOCKEY 1150 is NOT. Before installing lock using 1150 instructions, follow the instructions below to determine handing and correct tailpiece.

- Determine the handing of your 1600 Lock.

Handing is determined by the location of your hinges when looking at the door from the outside.

RIGHT-HANDED DOORS: Hinges are on right-side of the door.

LEFT-HANDED DOORS: Hinges are on the left-side of the door.

- Based on the handing, identify the correct tailpiece.

The RED tailpiece is used for right-handed doors.

The BLUE tailpiece is used for left-handed doors.

- [REPLACE 1150 II-8]: Determine the correct length of tailpiece.
- [REPLACE 1150 II-9]: Install support pin provided on the back of the outside body.

*****CONTINUE INSTALLATION USING LOCKEY 1150 INSTRUCTIONS*****

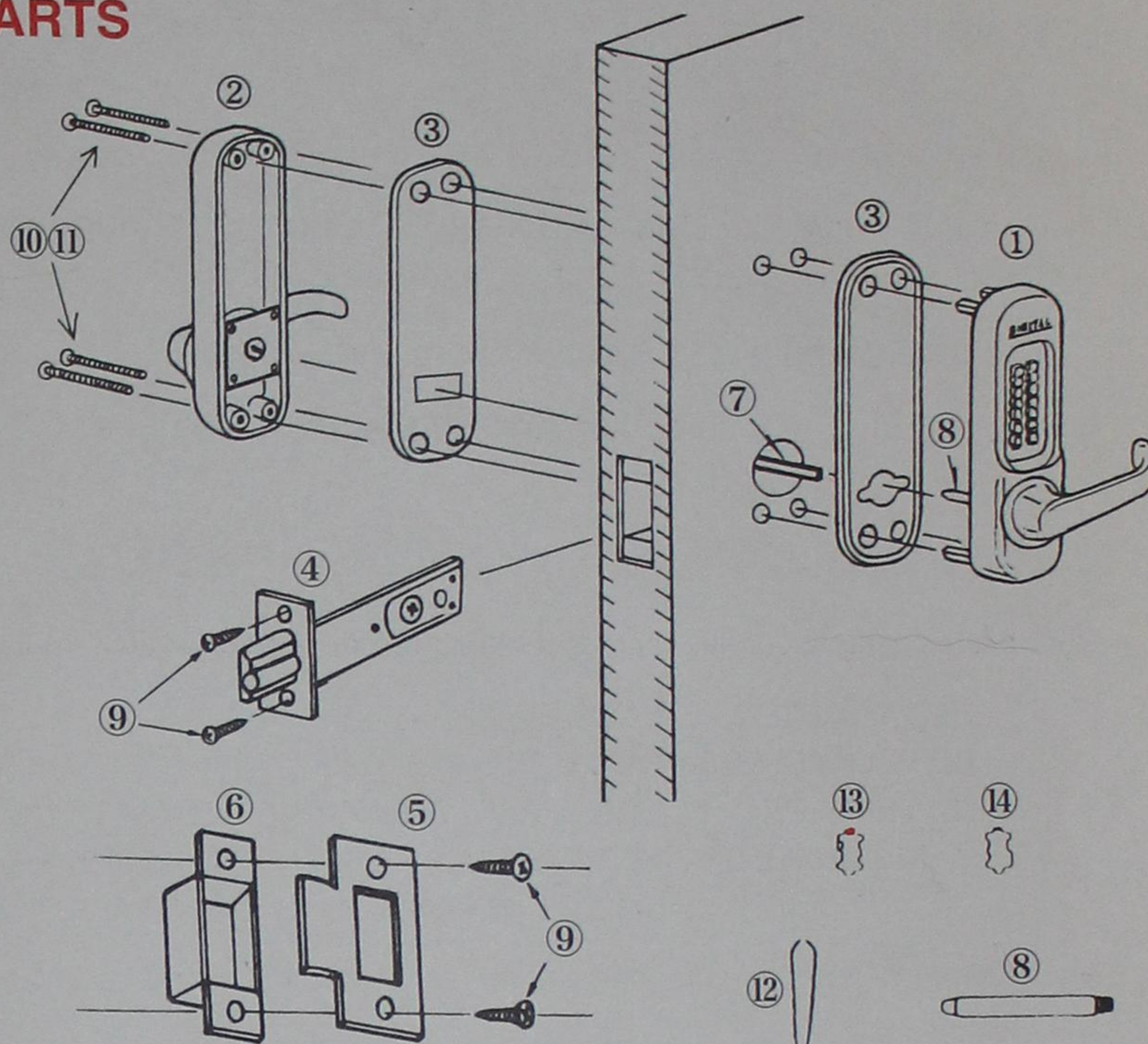
"INSTALLATION INSTRUCTION OF DIGITAL DOOR LOCKS"

NO.1150 (WITH LATCHBOLT)

NO.1150R ... RIGHT HAND TYPE
NO.1150L ... LEFT HAND TYPE

I. THE NAME AND DETAILS OF THE ENCLOSED PARTS

NO.	NAME OF PARTS	CONTENT
1.	OUTSIDE BODY, WITH LEVER HANDLE	1 PCE
2.	INSIDE BODY, WITH LEVER HANDLE	1 PCE
3.	RUBBER ESCUTCHEON	2 PCS
4.	LATCHBOLT (60m/m BS or 70m/m BS)	1 PCE
5.	STRIKE-PLATE	1 PCE
6.	MORTISED STRIKER (PLASTIC MADE)	1 PCE
7.	SPINDLE	1 PCE
8.	SUPPORT PIN	1 PCE
9.	TAPPING SCREWS (4x16)	4 PCS
10.	MACHINE SCREWS (5x55)	4 PCS
11.	MACHINE SCREWS (5x45)	4 PCS
12.	TWEEZERS	1 PCE
13.	RED TUMBLER (KEY TUMBLER)...CODE	1 PCE
14.	BLUE TUMBLER (KEYLESS TUMBLER)...NON-CODE	1 PCE
15.	CARD FOR "SECRET NUMBER (CODE NUMBER)"	1 PCE



II. HOW TO INSTALL THE DIGITAL DOOR LOCKS

- Take out a template provided and confirm the "back set" (60m/m or 70m/m) on the surface and the reverse side.
- Decide the position for Digital Door Lock.
- Mark the hole center for 4 small holes (10m/m dia.) and for a large hole (32m/m dia.) on the surface of the door. And also mark the hole center of 1 slot (22m/m dia.) for the Latchbolt at the center of door edge through the template.
- Drill holes as per the Template.
As the slot for Latchbolt, '60 m/m back set' is 85m/m depth and '70m/m back set' is 95m/m depth.

IMPORTANT :

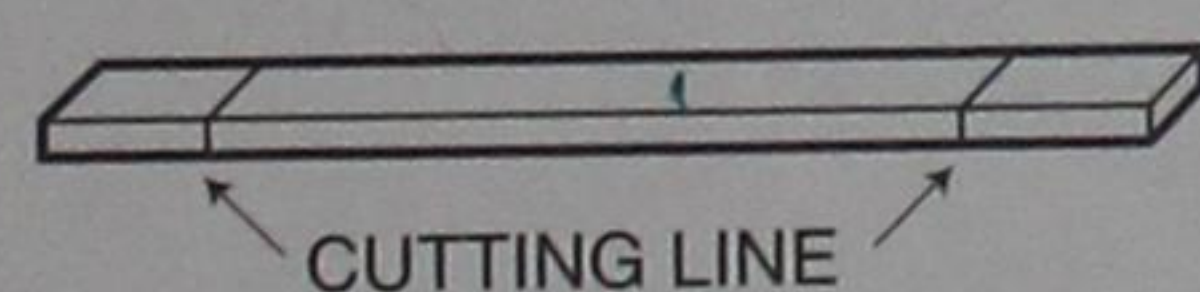
To ensure trouble free operation, the holes MUST be drilled accurately.

- Insert the Latchbolt into the slot. Scribe a line around the Latchbolt face and remove it.
- Chisel out the scribed space until the Latchbolt face is flush with the surface of the door edge.
- Fasten Latchbolt with the tapping screws.

IMPORTANT :

Ensure that the Latchbolt face is EVENLY fitted.

- Break the spindle according to the door thickness.



- Install the Support Pin provided, at a hole of the direction where the lever handle is installed, on the backside of outside body. (fig 1)
- Fit Rubber Escutcheon provided, to the back-side of outside body.
- Insert the 4-Hexagonal Posts and Support Pin through the holes. (fig 2)
- Insert the spindle into the hole of the backside on the outside body through the hole of Latchbolt from the indoor side.

IMPORTANT :

The spindle must lay at an angle toward the Latchbolt head. (fig 3)

- Fit the Rubber Escutcheon to the inside body.
- Fit the inside body over the spindle from the indoor side making sure the spindle remains laying at an angle toward the Latchbolt head.
- Select the machine screws and fasten them through the inside body, making sure they are not to loose or to tight. (fig 4)

IMPORTANT :

= BEFORE CLOSING THE DOOR, TEST THE OPERATION OF THE DIGITAL DOOR LOCK. =

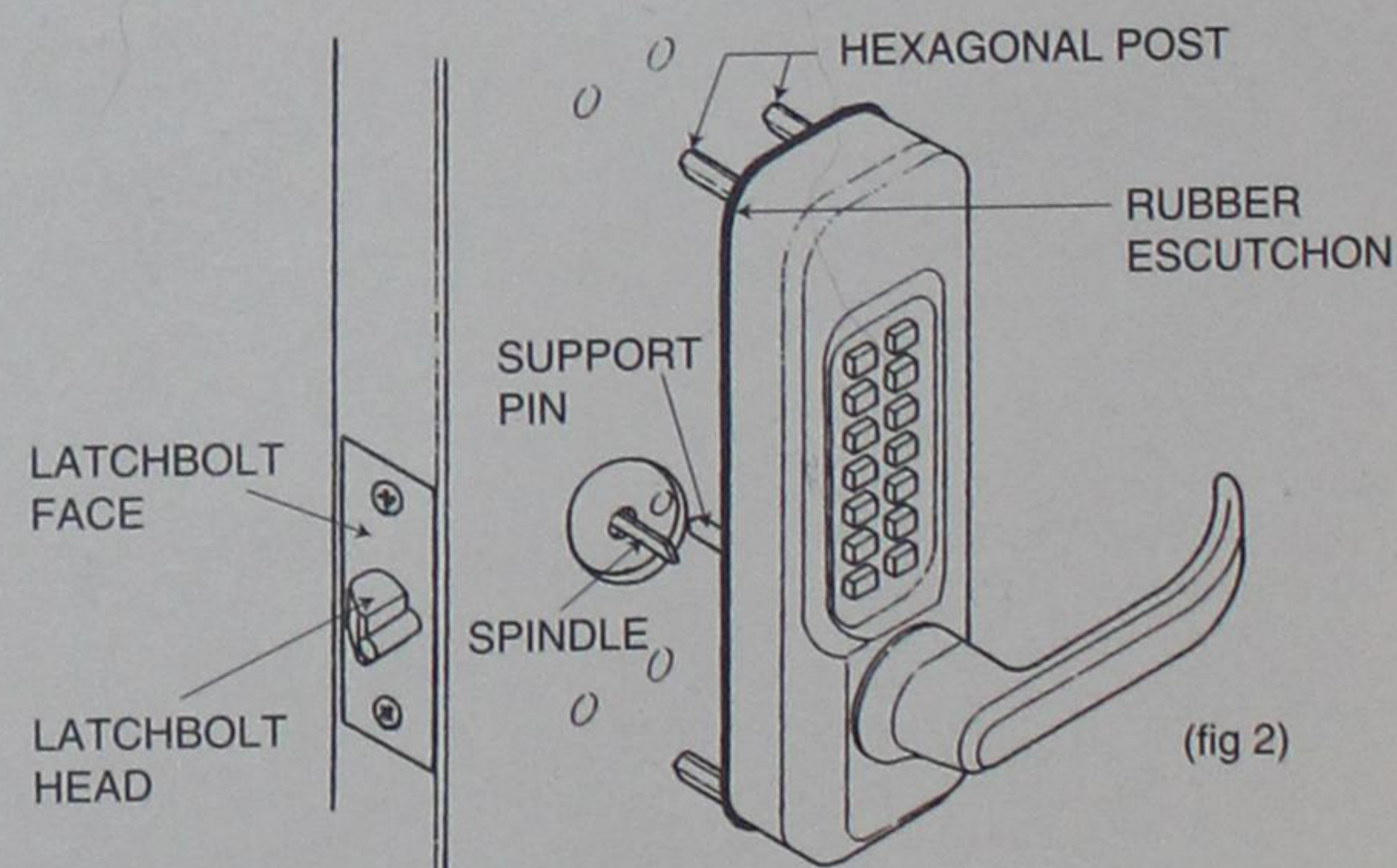
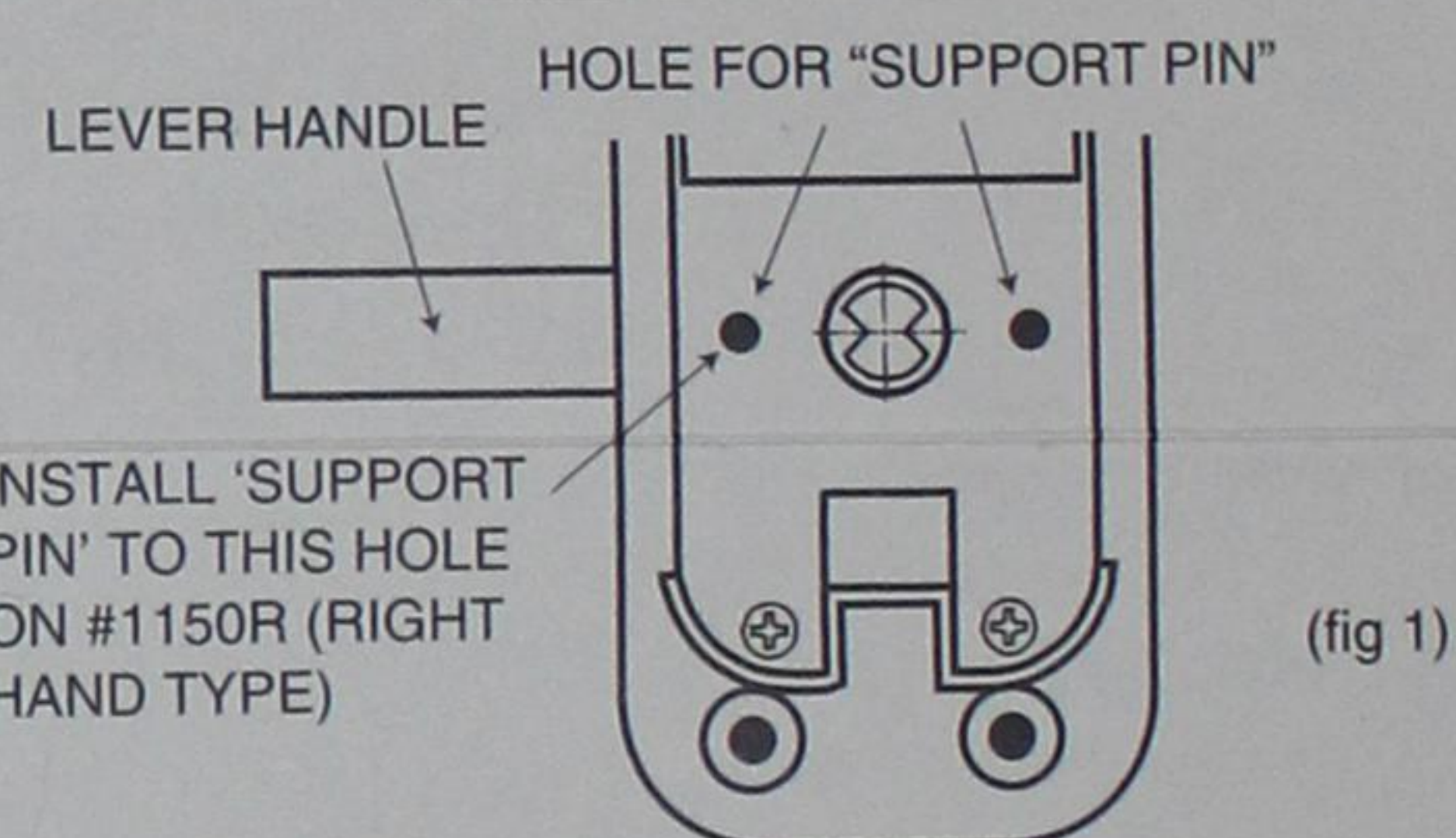
●FROM OUTSIDE DOOR ::

- TAKE OUT A CARD SHOWING YOUR CODE NUMBER.
- ENTER YOUR CODE NUMBER — PREFIXED BY 'C'.
- TURN THE OUTSIDE LEVER HANDLE.
- CONFIRM THAT THE LATCHBOLT HEAD IS RETRACTED SMOOTHLY.

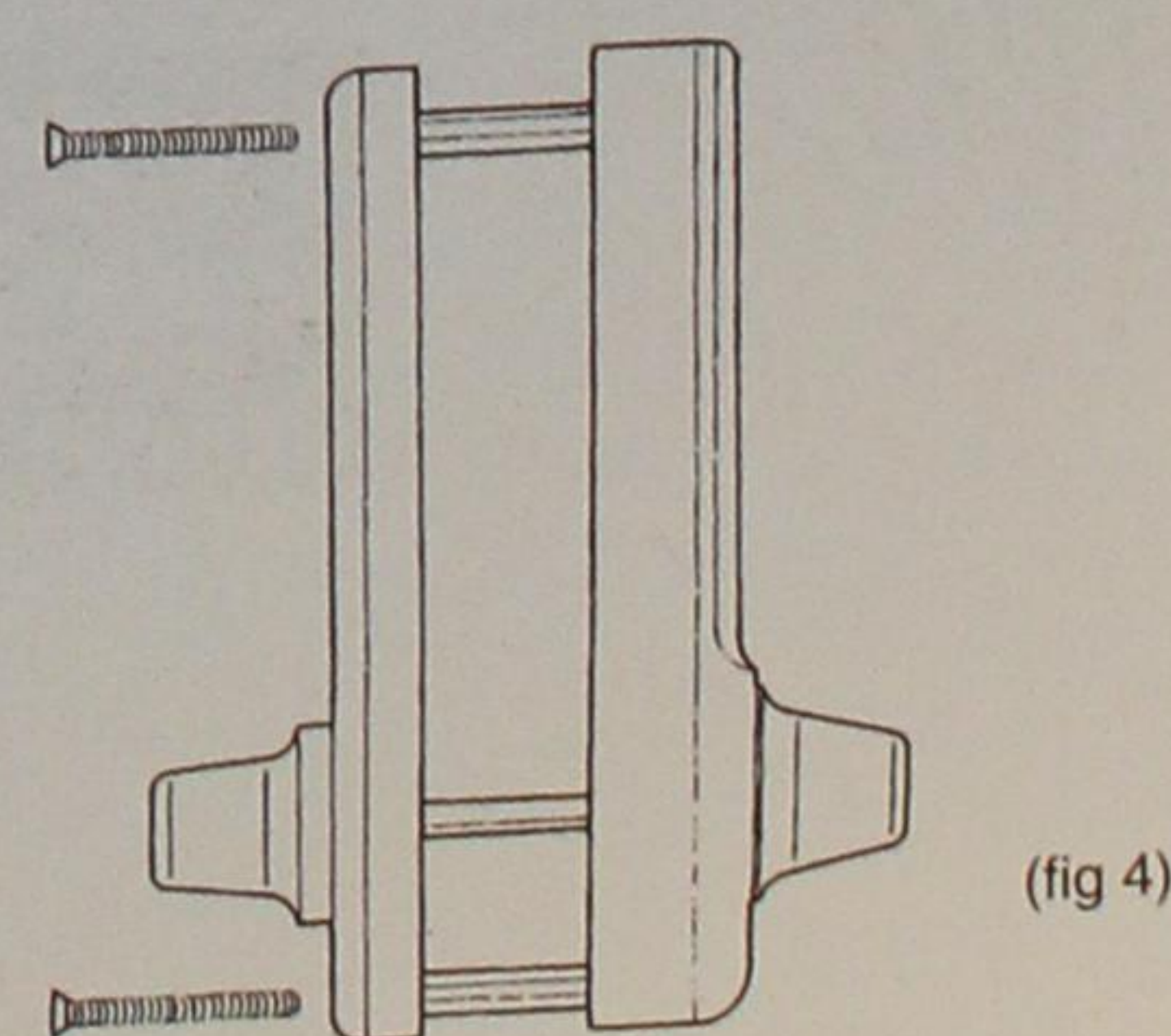
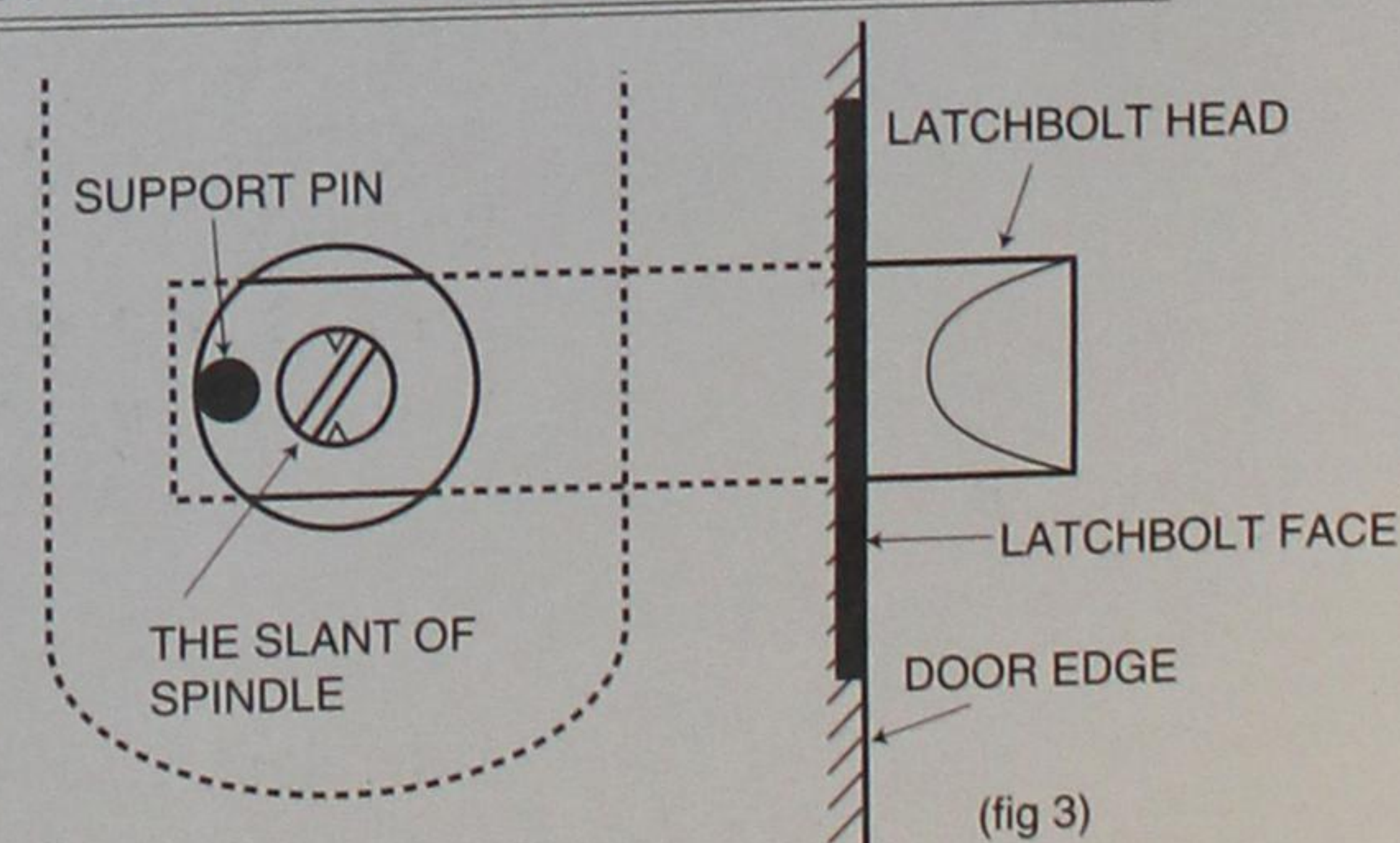
●FROM INSIDE DOOR ::

- CHECK THE OPERATION OF THE LATCHBOLT BY TURNING THE INSIDE LEVER HANDLE.

BACKSIDE OF OUTSIDE BODY



A VIEW FROM INDOOR SIDE FOR #1150R

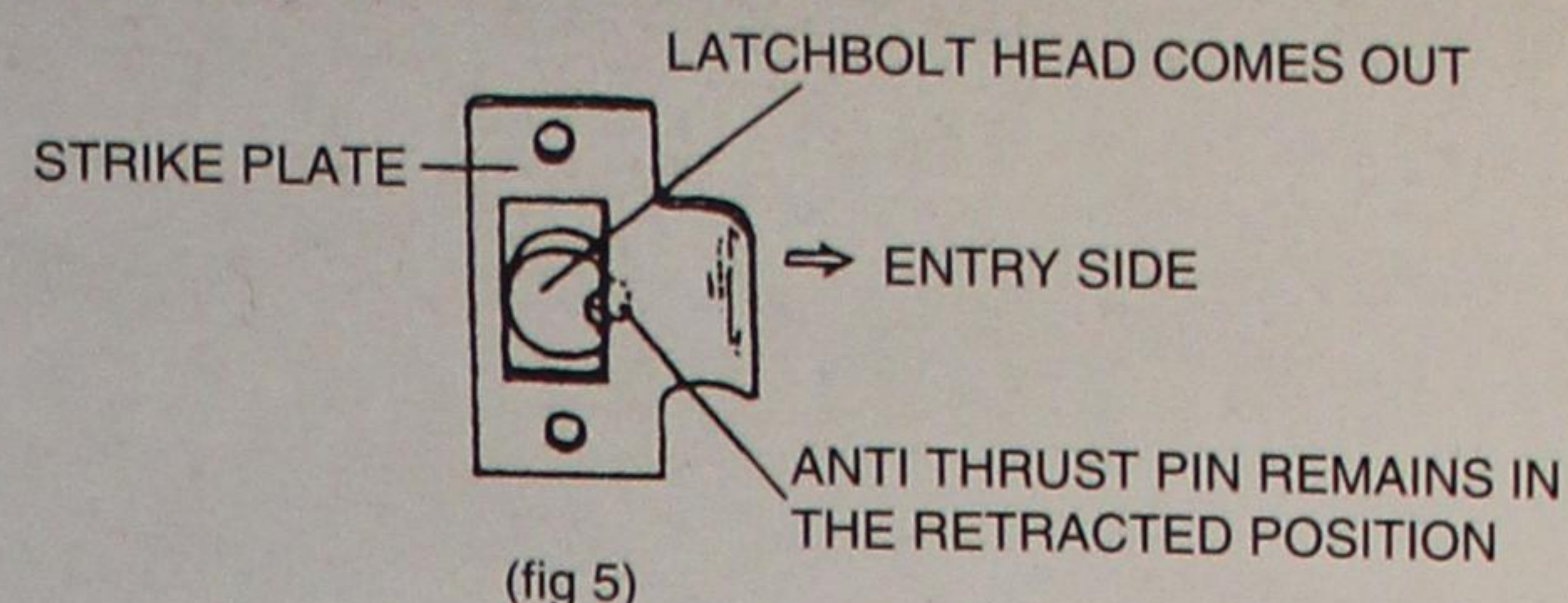


16. Close the door to determine the correct position where the Latchbolt head touches to the face of the door jamb and mark out.
17. Chisel out the space for the mortised striker and for the Strike Plate so that Strike Plate is flush with the surface of the door jamb.
18. Fasten them with the tapping screws.

IMPORTANT :

Make sure that when the door is in the closed/locked position, the Latchbolt Head ONLY inserts into the mortised striker in door jamb and NOT the Anti Thrust Pin. (fig.5)

((The Anti Thrust Pin is retracted by pushing against the Strike Plate to deadlock the Latchbolt.))

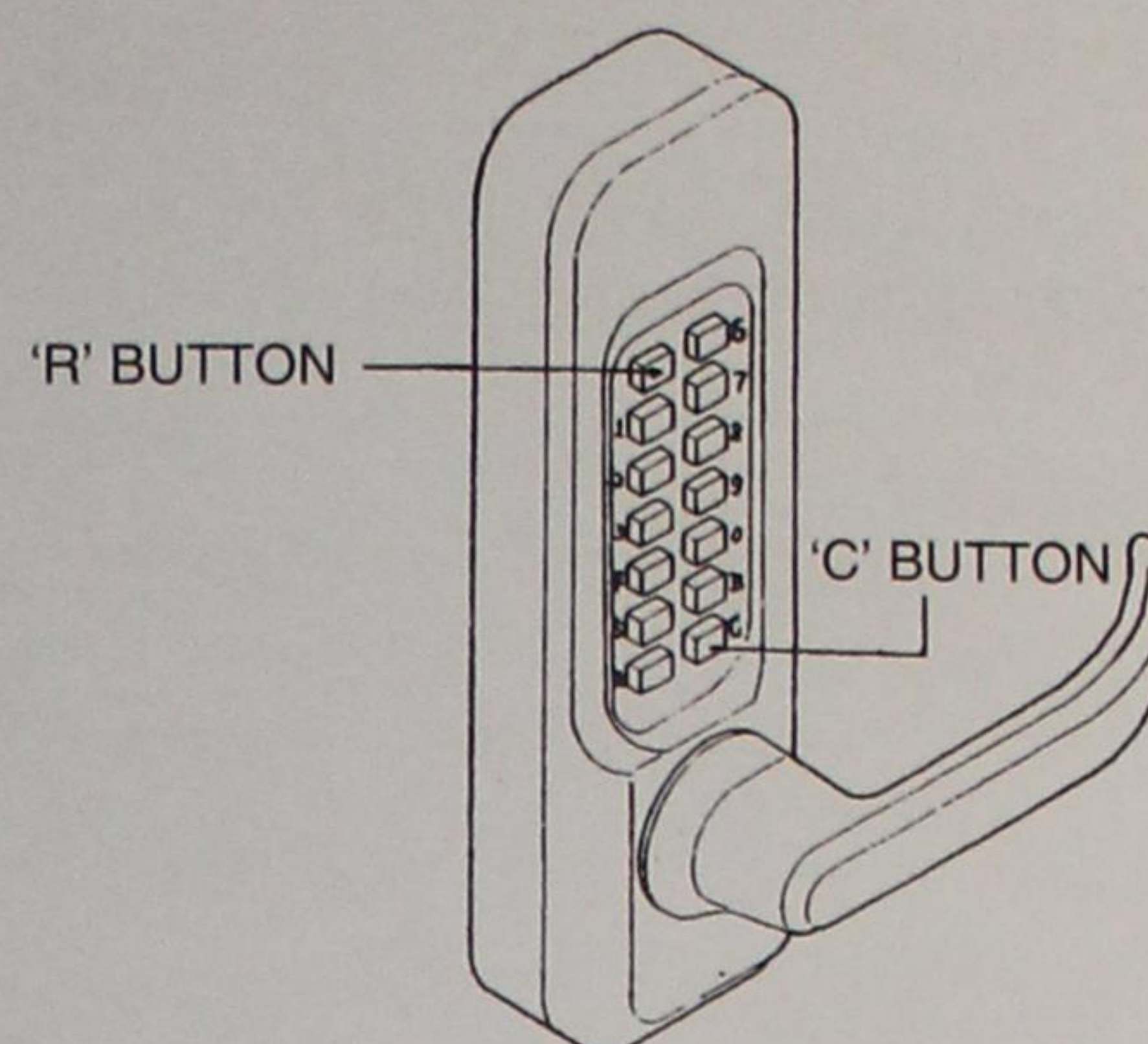


III. HOW TO USE PASSAGE FUNCTION

1. Push "C-button" to clear and then "R-button", continuously.
2. Then, enter your code number, excepting "C".

The lever handle is in a condition of always "free".

- To restore to the locking function, press the R-button and then C-button.



IV. HOW TO CHANGE THE CODE NUMBER

Before attempting to change your code number, please read this information carefully.

RED TUMBLERS : CODE

BLUE TUMBLERS : NON-CODE

"C" TUMBLER : FOR CLEAR, CANNOT BE REMOVED.

WHITE TUMBLER : FOR PASSAGE FUNCTION, IF REMOVED, PASSAGE FUNCTION DOES NOT WORK.

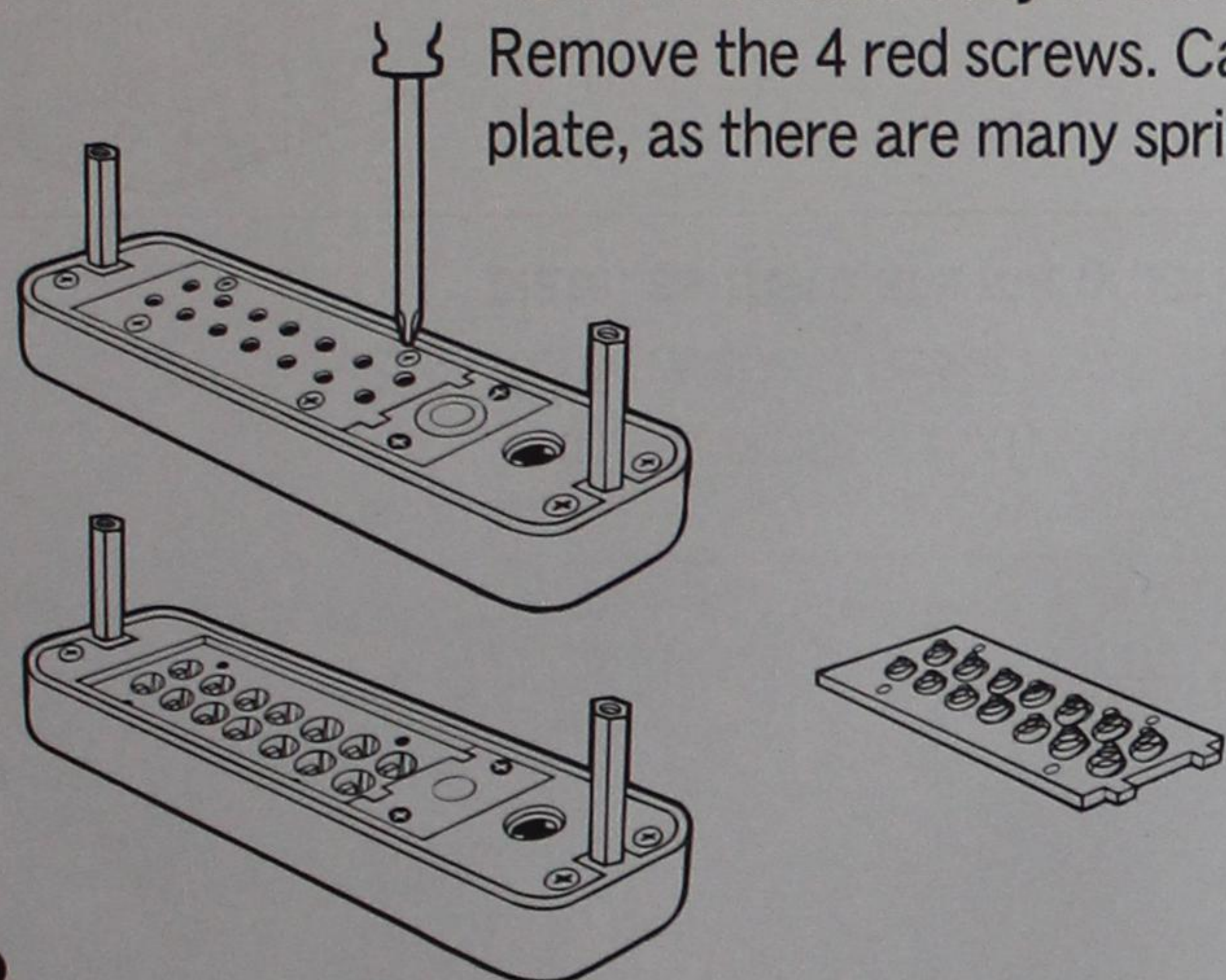
("R" TUMBLER) DO NOT REPLACE WITH ANY OTHER TUMBLER.

When changing your code number, it is very important that all the 'code' and 'non-code' tumblers are replaced correctly.

1

Failure to follow the instructions could result in damage to your lock so please read carefully

Hold the outside body in the horizontal position. Remove the 4 red screws. Carefully remove the plate, as there are many springs attached to it.



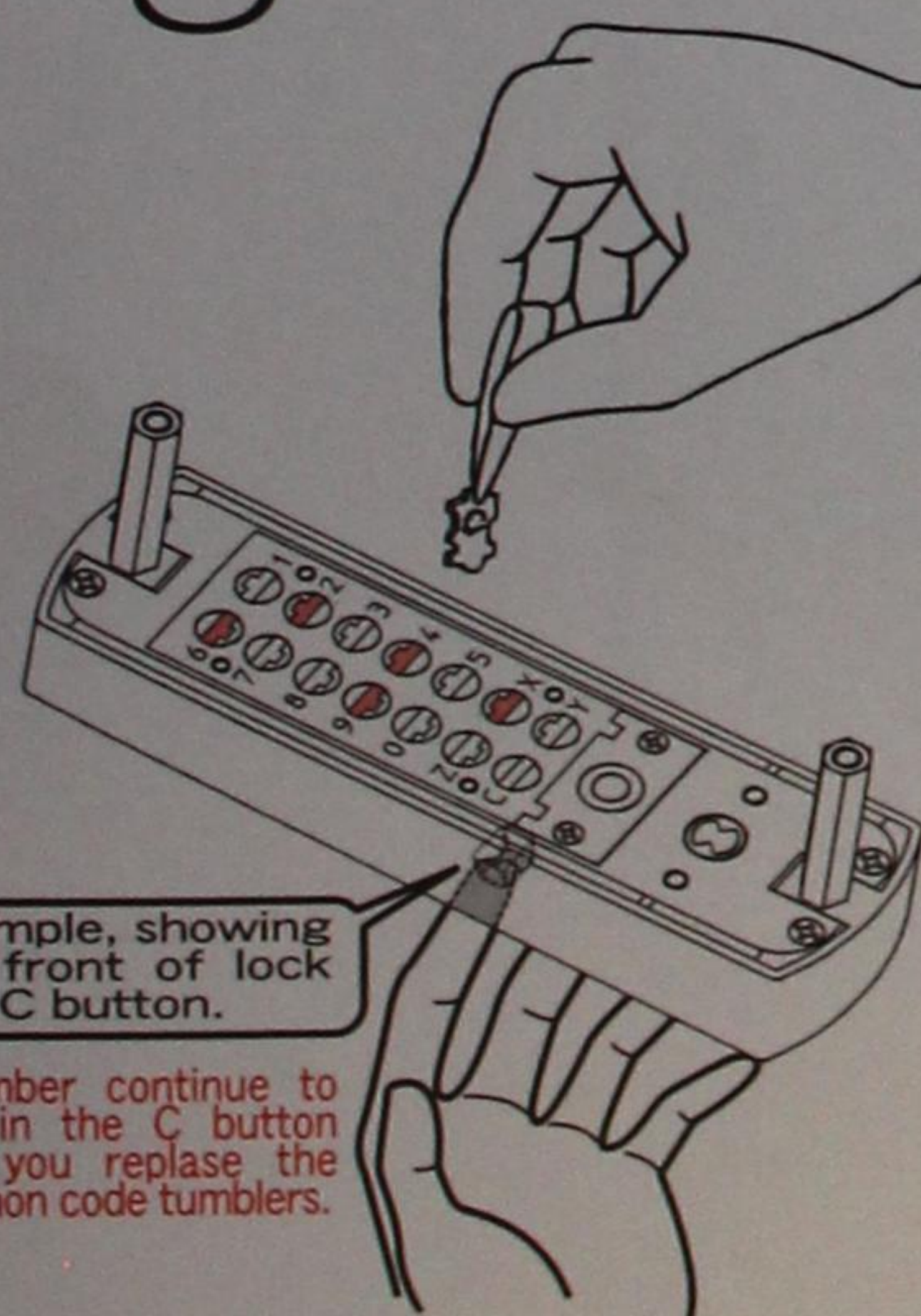
2

YOU MUST PRESS IN THE C BUTTON FROM THE UNDERNEATH UNTIL YOU HAVE COMPLETED THE CODE CHANGE, AS IT IS IMPOSSIBLE TO LIFT OUT OR INSERT THE CODE TUMBLERS IF YOU DON'T. FORCING THEM WILL DAMAGE THE LOCK.

3

There are blue tumblers (non-code) and red tumblers (code). Your code is made up from the red tumblers always prefixed by C to clear. (Never remove the C tumbler).

Whilst continuing to press in the C button and using the tweezers provided lift out the code/non code tumblers you wish to change.

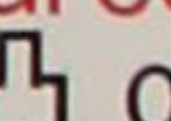


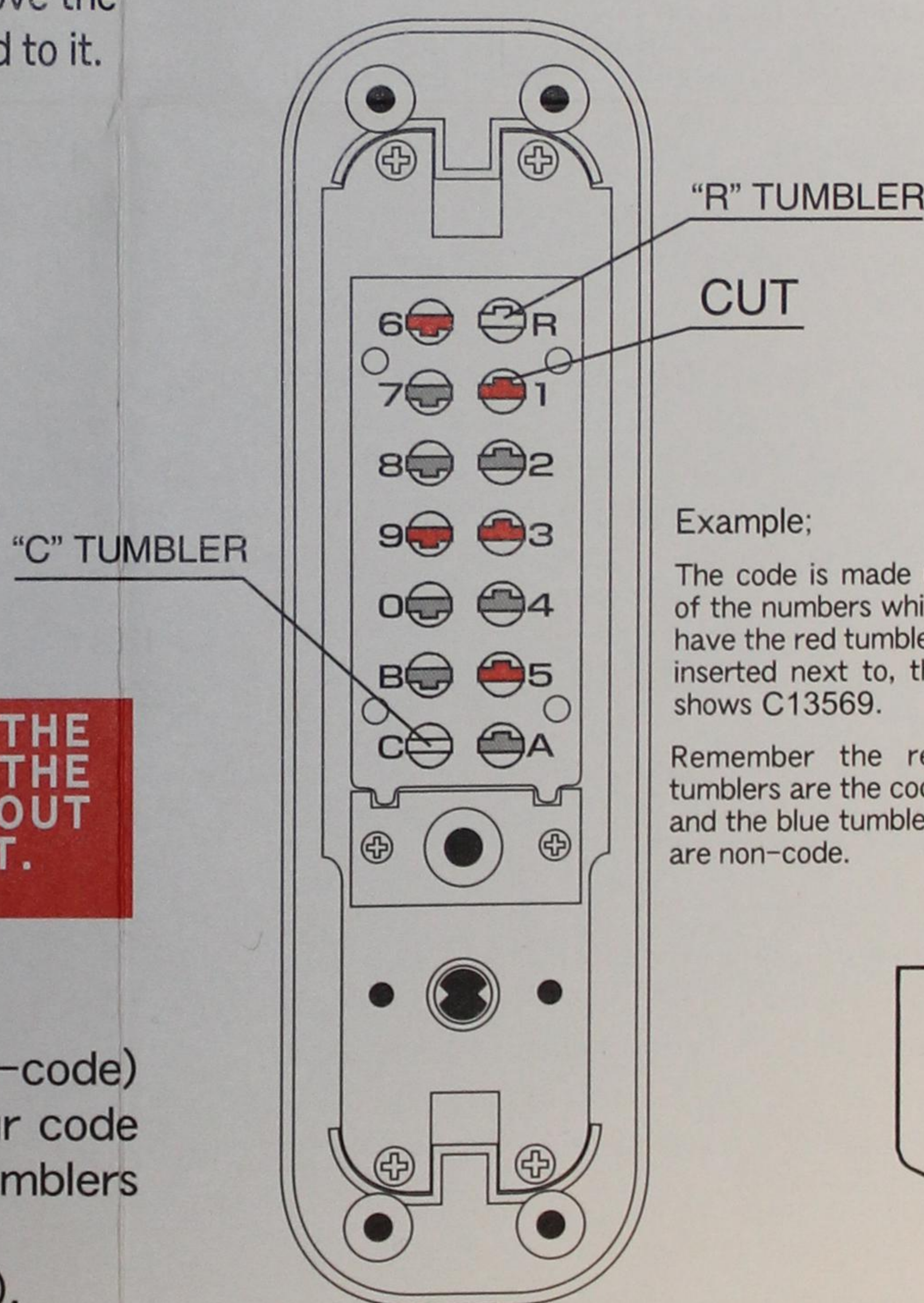
Example, showing the front of lock and C button.

Remember continue to press in the C button when you replace the code/non code tumblers.

When you re-insert the code/non code tumblers for your new code you must continue to press in the C button.

4

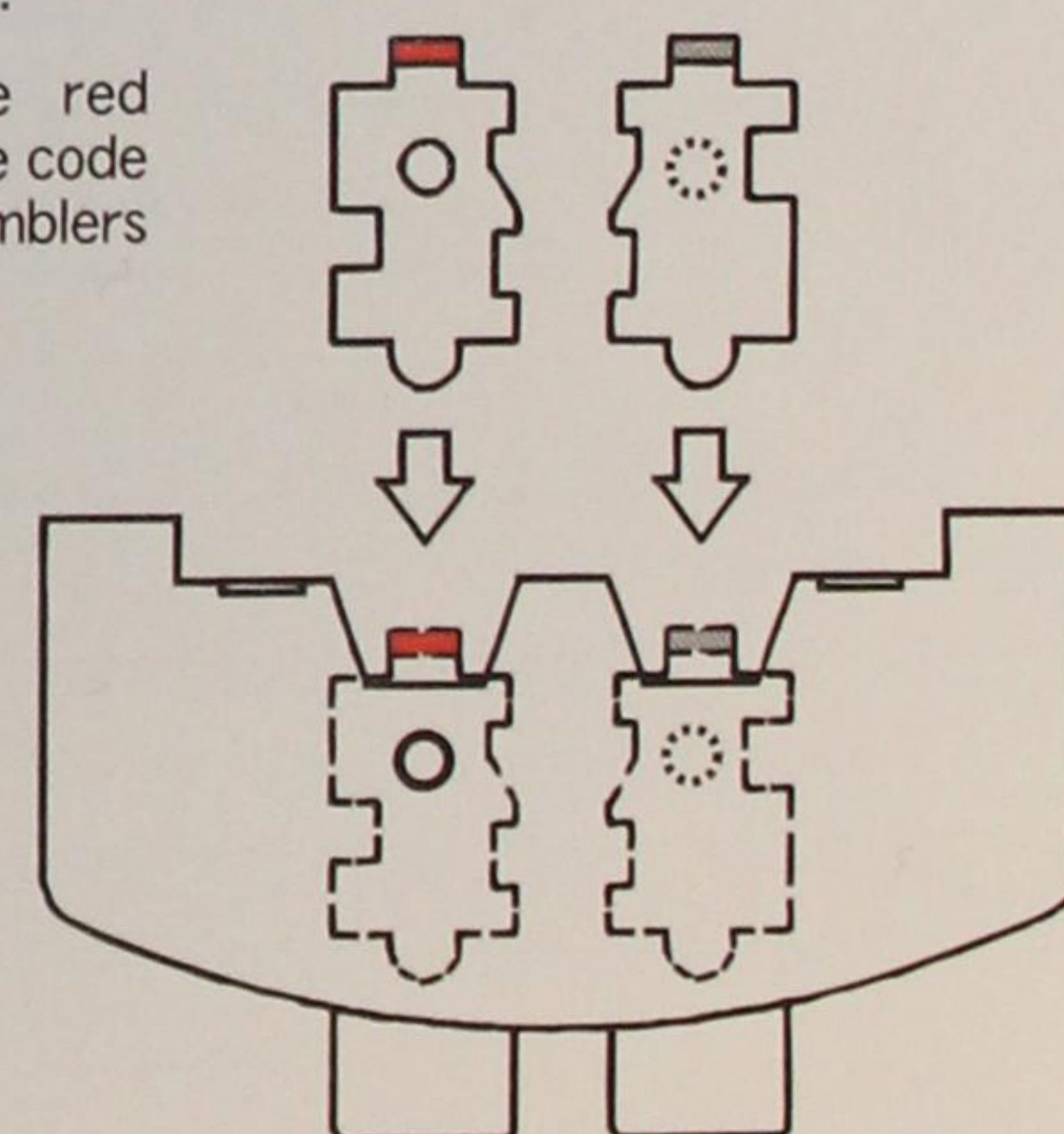
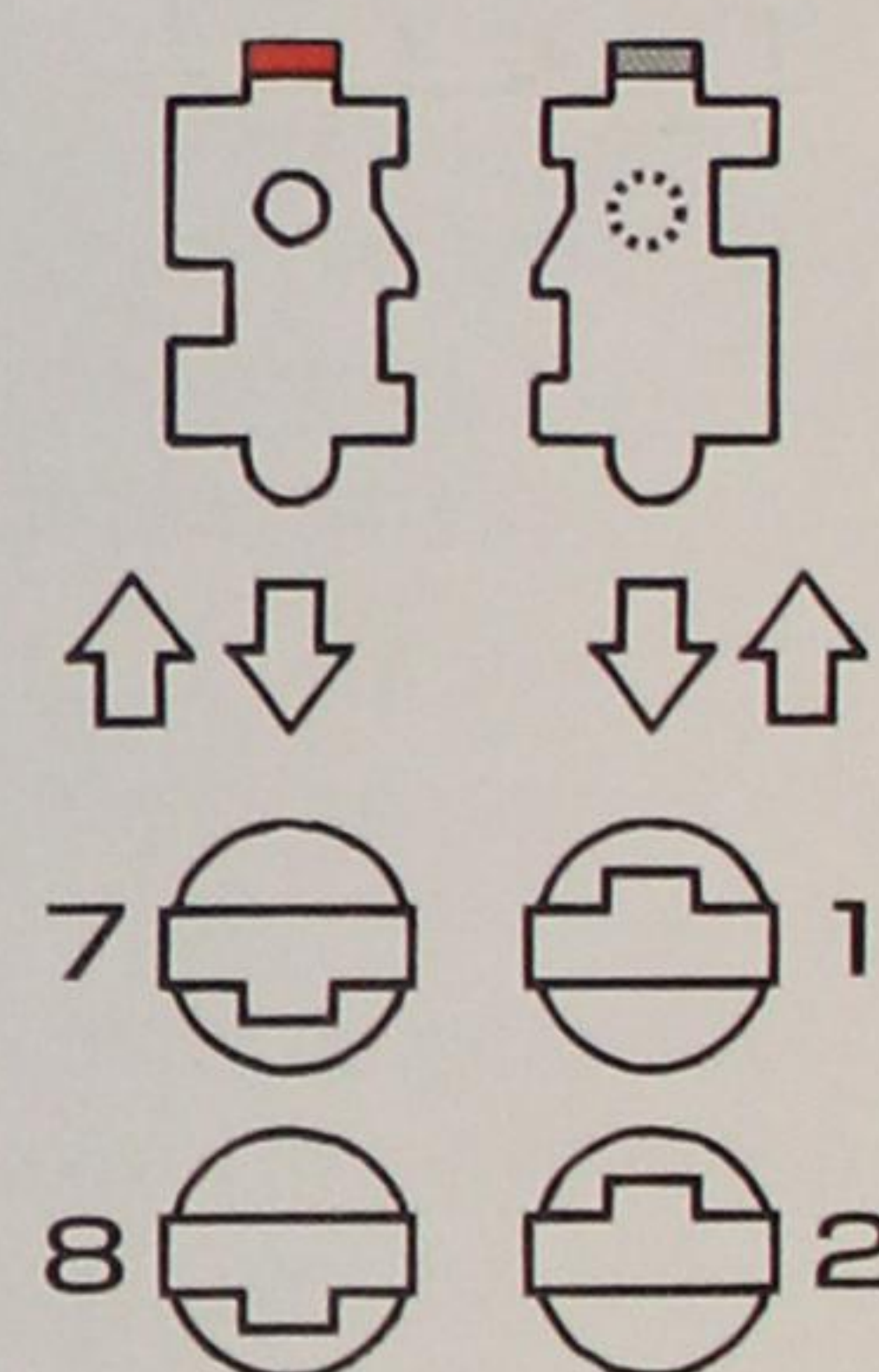
While pressing in the C button make sure that the coloured top end of the tumbler is facing up wards. Match the  of the tumbler to the exact cut insert of the body.



Example;

The code is made up of the numbers which have the red tumblers inserted next to, this shows C13569.

Remember the red tumblers are the code and the blue tumblers are non-code.



Using the tumblers provided you can change your code from a 3 digit number up to a 7 digit number, always prefixed by C to clear.

To increase, remove the blue and add the red.

To decrease remove the red and add the blue.

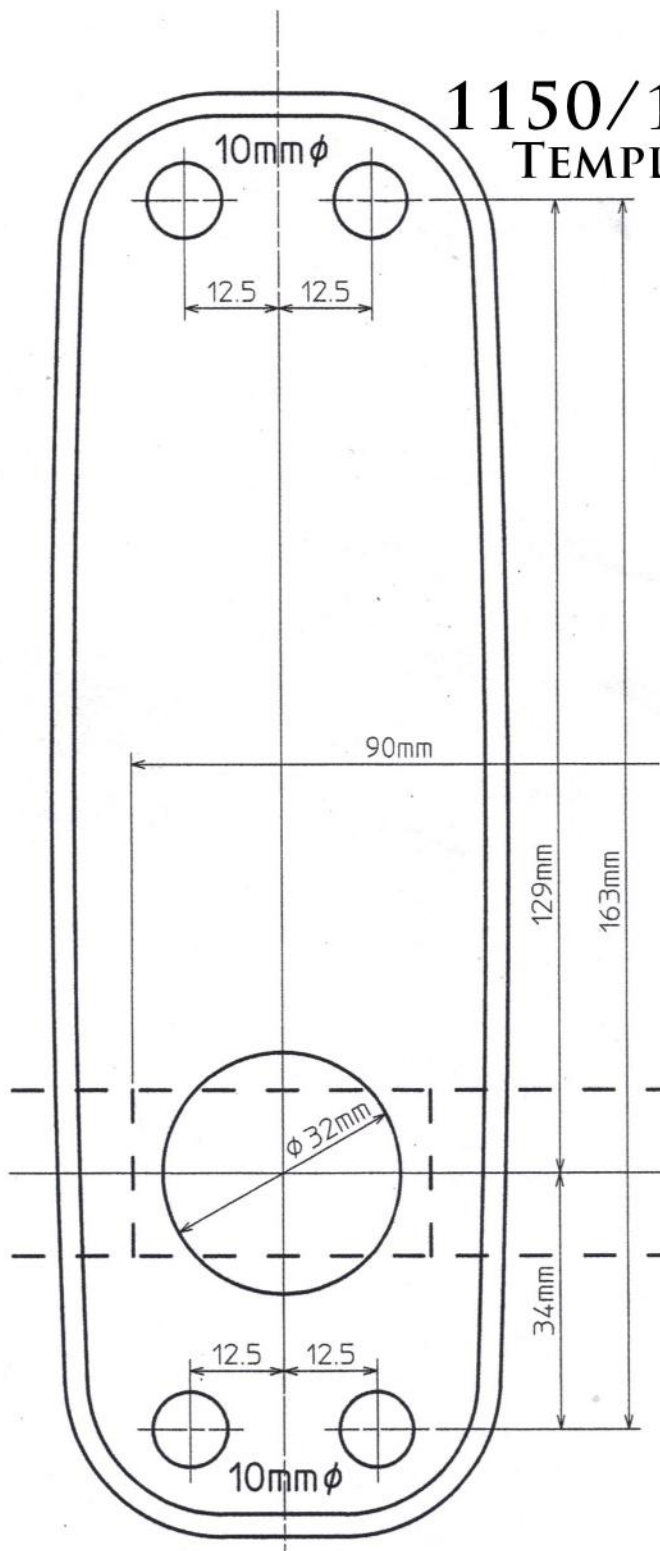
(If you insert a tumbler in the wrong position, press in the C button and lift the tumbler out).

5

When you have completed changing your code release the C button and replace the plate carefully.

Always test your new code before installing/re-installing your lock to the door.

1150/1600 TEMPLATE





DIGITAL SURFACE MOUNT INSTALLATION INSTRUCTIONS

2200 DEADBOLT | 2500 HOOKBOLT

No.	Part Name	2200	2500
1	Outside Body	1	1
2	Inside Body	1	1
3	Rubber Trim Plate	2	2
4	Mortised Striker (not shown)	1	1
5	Surface Strike Plate	1	1
6	Spindle 45-55 mm.	1	1
7	Spindle 35-45 mm.	1	1
8	Machine Screw M4 x 55 mm.	2	2
9	Machine Screw M4 x 45 mm.	2	2
10	Wood Screw	2	2
11	Extra Code Tumblers (Red)	1	1
12	Extra Non-Code Tumblers (Blue)	2	2
13	Spacers for Body (1/16" / 5/64") (Not Shown)	1	1
14	Thin Door Kit (TDK) (Not Shown)	1	1
15	Hex Bolts	2	2
16	Tweezers	1	1

Step 1: Change User Code (OPTIONAL)

If you wish to change your code, see instructions on reverse side.

Step 2: Prep Door for Installation with Template

BEFORE DRILLING – PLACE INSIDE BODY (#2) AND STRIKE TO DOOR TO ENSURE POSITION WILL BE APPROPRIATE FOR INSTALLATION. YOU MAY NEED TO TRIM DOOR JAMB OR MORTISE THE STRIKE TO INSTALL.

1. Place template (supplied) on door and fold along door's edge.
2. Depending on door configuration, you may need to change handing and/or substitute bar (2200) from long to short. See Steps 3 and 4.
3. Drill holes as instructed and mark location for Strike.

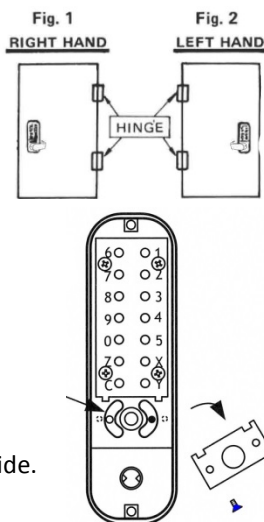
Step 3: Identify Door Handing

Right-Hand Doors – From exterior of door, hinges are on right-side. (Fig. 1)

Left-Hand Doors – From exterior of door, hinges are on left-side. (Fig. 2)

The 2200 and 2500 are factory pre-handed for right-hand doors. To change handing, remove two (2) blue screws and cover plate from Outside Body as shown.

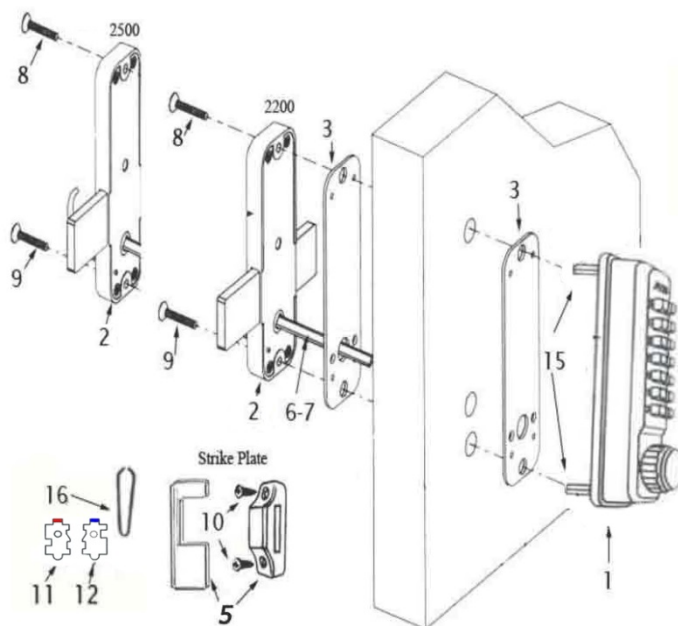
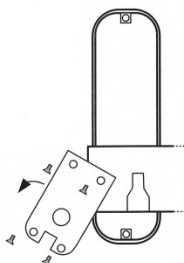
Now, move the pin from the right side of the outside body to the hole on the left side. Replace plate and screws.



Step 4: Adjust Deadbolt Length - 2200 ONLY (if necessary)

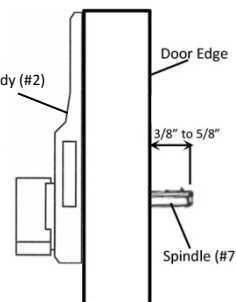
Depending on door configuration, you may need to change from a long to short bar. (BOTH LONG & SHORT BARS ARE SUPPLIED)

Remove the four (4) silver screws and plate from the inside body and change bars. Replace the plate and secure with silver screws.



Step 5: Verify Correct Spindle Length

1. Hold the Inside Body (#2) and Rubber Trim Plate (#3) to the door.
2. Place Spindle (#7) through door into the Inside Body, as far as possible.
3. Spindle should extend from exterior of door 3/8" min. – 5/8" max.

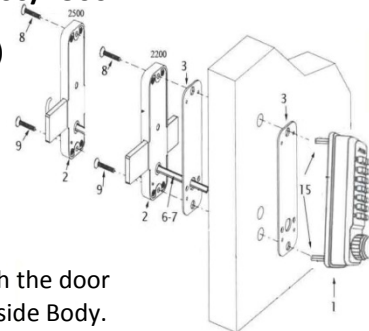


4. If Spindle is too long, cut it to the correct length using Pliers.

IMPORTANT: If spindle extends less than 3/8" it may not engage the lock. If spindle extends more than 5/8", it will cause the lock to bind.

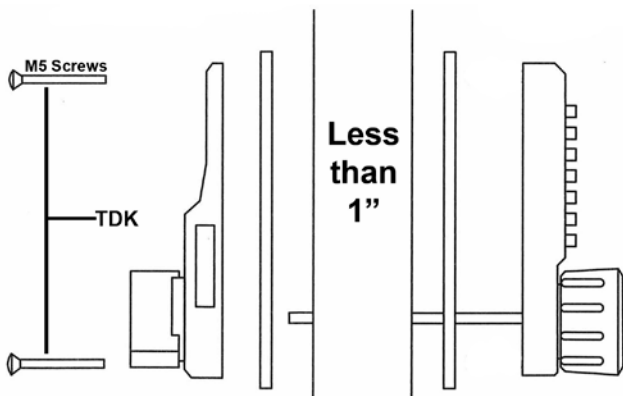
Step 6: Install the DIGITAL 2200/2500

1. Place the Rubber Trim Plate (#3) on the backside of the Outside Body (#1).
2. Place the Outside Body on the door. The hexagonal bolts (#15) should extend into the top and bottom holes.
3. Insert the Spindle (#6/7) through the door into the Spindle Hole in the Outside Body.
4. Place the Rubber Trim Plate (#3) on the backside of Inside Body.
5. Place the Inside Body to the door ensuring that the Spindle is inserted into the Spindle Hole.
6. If the Inside Body is not flush with the Surface Strike location, use Spacers (#13) to make Inside Body flush with Strike location.
NOTE: If Spacers do not make Inside Body flush with Strike location, you may need to trim the door jamb or mortise the strike.
7. Insert the M4 Screws (#8/9) into the top and bottom holes of the Inside Body and secure with a screwdriver.
8. Test the lock to ensure the Deadbolt/Hookbolt is retracting correctly when turning the inside/outside knob.
9. Install Strike Plate in proper position and secure with Wood Screws.



Step 7: For Doors Under 1" Thick (if necessary)

1. For doors under 1" thick, you will need to cut the spindle to appropriate size. See Step 5 to verify correct Spindle Length.
2. Remove Hex Bolts and use M5 Screws supplied in Thin Door Kit (TDK) packet to secure lock to door.



Step 8: Using the DIGITAL 2200/2500

From Outside:

The door will LOCK by turning the knob to extend the deadbolt/hookbolt.

To UNLOCK, press the "C" button to clear the lock, enter the combination and turn the knob to retract the deadbolt/hookbolt.

NOTE: IF DEADBOLT/HOOKBOLT RETRACTS WITHOUT COMBINATION AND REQUIRES COMBINATION TO LOCK (EXTEND), YOU MAY NEED TO CHANGE HANDING. SEE STEP 3.

From Inside:

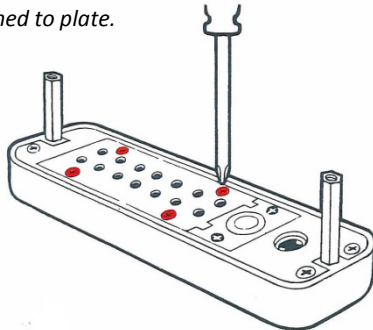
The door will LOCK and UNLOCK by turning the knob to extend or retract the deadbolt/hookbolt.

LOCKEY USA

DIGITAL 2000 SERIES HOW TO CHANGE CODE

1. Using a #2 screwdriver, remove the four (4) Red Screws.
2. Carefully remove cover plate.

WARNING: Springs are attached to plate.



RED = CODE TUMBLERS

BLUE = NON-CODE TUMBLERS

'C' = CLEAR (DO NOT REMOVE)

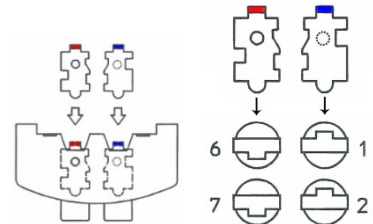
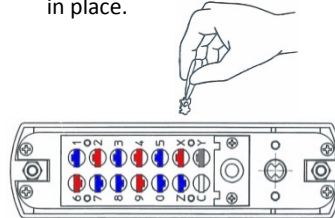
3. PRESS & HOLD 'C' BUTTON to release tumblers.
- IMPORTANT:** 'C' Button must be pressed and held down when removing and inserting tumblers. Failure to do so will damage the lock and void the warranty.



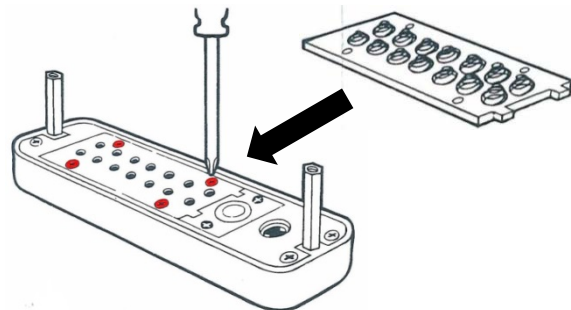
WARNING:

Do NOT force tumblers into position!

4. While holding the 'C' BUTTON, remove/add **CODE (Red)** and **NON-CODE (Blue)** Tumblers to create your desired code.
- Ex: 3 Red = 3-Digit Code / 6 Red = 6-Digit Code
- IMPORTANT:** Ensure notched side of tumbler fits into slot. (Below – Far Right).
5. After changing your code, release the 'C' BUTTON to secure the tumblers in place.



6. Replace the cover plate and secure with four (4) Red Screws, using a #2 screwdriver.
7. TEST CODE before installing/re-installing lock.



DIGITAL DOOR LOCK

TEMPLATE

No.2200

Long Bar

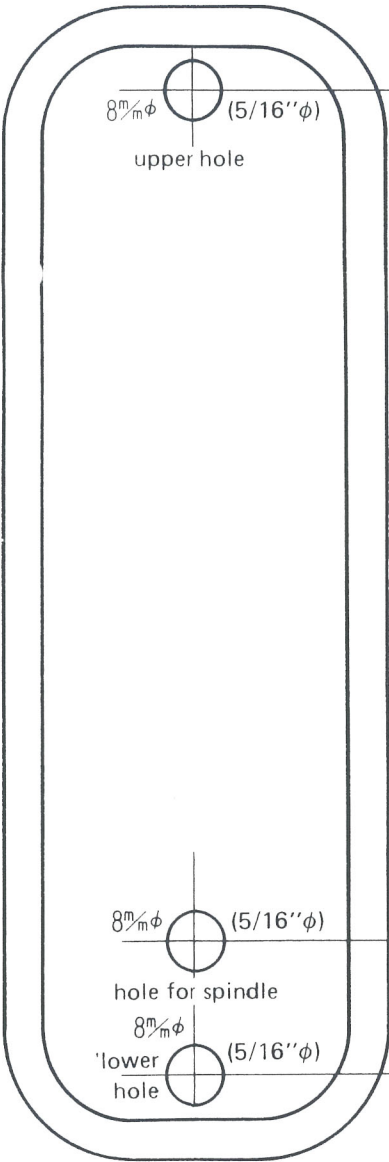


cut line



cut line

Long Bar



$8\text{mm}\phi$ ($5/16''\phi$)

upper hole

130mm ($5-1/8''$)

$8\text{mm}\phi$ ($5/16''\phi$)

hole for spindle

$8\text{mm}\phi$ ($5/16''\phi$)

lower hole

17.5mm ($11/16''$)

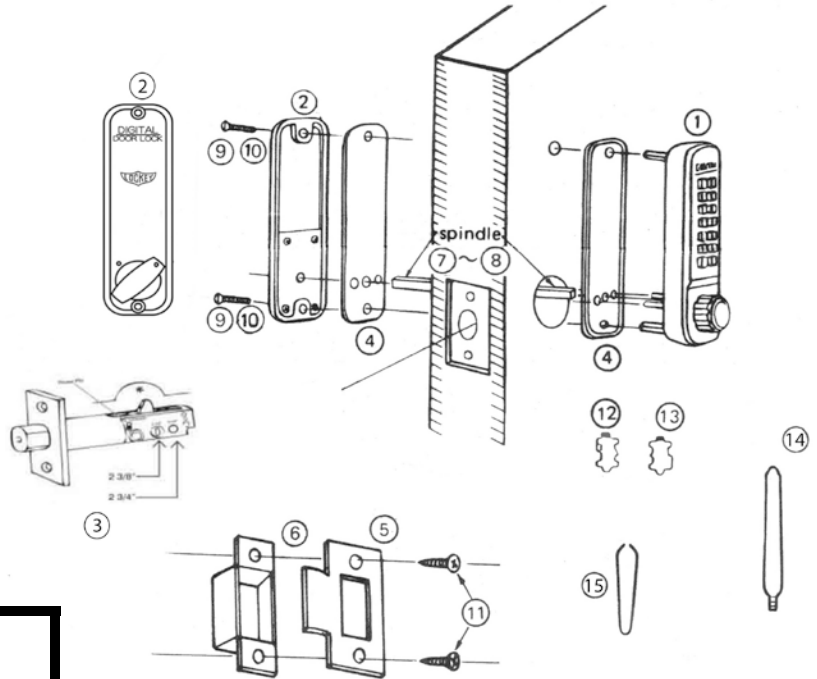
60mm

60mm

DIGITAL 2210 DEADBOLT INSTALLATION INSTRUCTIONS

2210 | 2210 DC

No.	Part Name	2210
1	Outside Body	1
2	Inside Body	1
3	Adjustable Deadbolt (2 3/8" – 2 3/4")	1
4	Rubber Trim Plate	2
5	Strike Plate	1
6	Mortised Striker	1
7	Spindle 40-55 mm.	2
8	Spindle 30-45 mm.	2
9	Machine Screw M4 x 50 mm.	4
10	Machine Screw M4 x 35 mm.	1
11	Wood Screw M4	2
12	Non-Combination Tumbler	1
13	Combination Tumbler	3
14	Brass Support Pin	2
15	Tweezers	1



Step 1: Change User Code (OPTIONAL)

If you wish to change your code, see instructions on reverse side.

Step 2: Prep Door for Installation with Template

1. Place template (supplied) on door and fold along door's edge.
2. Mark holes for 2 3/8" or 2 3/4" backset.
3. Drill holes as instructed.

NOTE: For Pre-Prepped 2 1/8" doors, you only need to drill top hole.

Step 3: Identify Door Handing

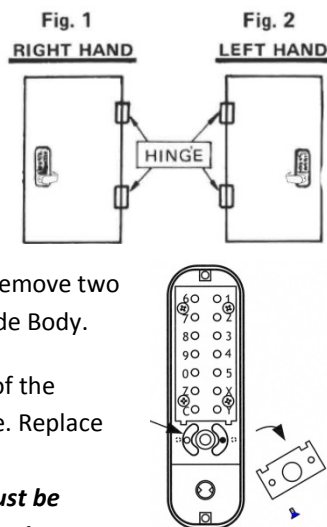
Right-Hand Doors – From exterior of door, hinges are on right-side. (Fig. 1)

Left-Hand Doors – From exterior of door, hinges are on left-side. (Fig. 2)

The 2210 is factory pre-handed for right-hand doors. To change handing, remove two blue screws and cover plate from Outside Body.

Now, move the pin from the right side of the outside body to the hole on the left side. Replace plate and screws.

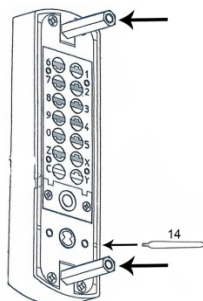
***2210 DC – Inside Body handing pin must be placed on opposite side from Outside Body.**



Step 4: Install Support Pin & Hex Bolts

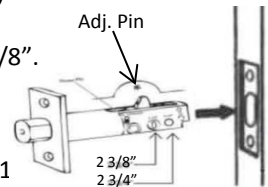
Install Brass Support Pin (#14) into either hole on Outside Body as shown in the figure to the Right [Left].

Install/screw Hex Bolts into the top and bottom of the Outside Body as shown in the figure (Far Right).



Step 5: Adjust Deadbolt (if necessary) & Install

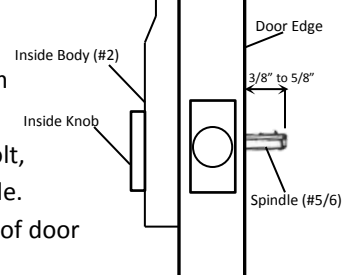
1. Adjustable Deadbolt (#12) is preset to 2 3/8". To adjust, lift pin and slide to 2 3/4".
2. With arrow pointed UP, insert Deadbolt and secure with two (2) Wood Screws (#11)



Step 6: Verify Correct Spindle Length

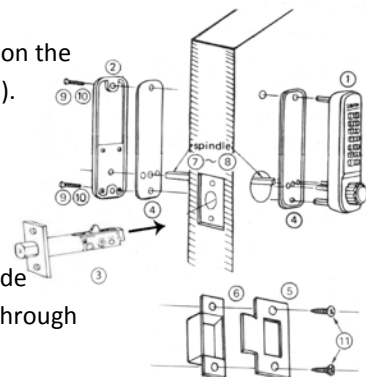
1. With deadbolt (#3) installed, hold the Inside Body (#2) and Rubber Trim Plate (#4) to the door.
2. Place Spindle (#7/8) through Deadbolt, into the Inside Body, as far as possible.
3. Spindle should extend from exterior of door 3/8" min. – 5/8" max.
4. If the 30-45 mm (#8) is too long, cut it to the correct length.

IMPORTANT: If spindle extends less than 3/8" it may not engage the lock. If spindle extends more than 5/8", it will cause the lock to bind.



Step 7: Install the DIGITAL 2210

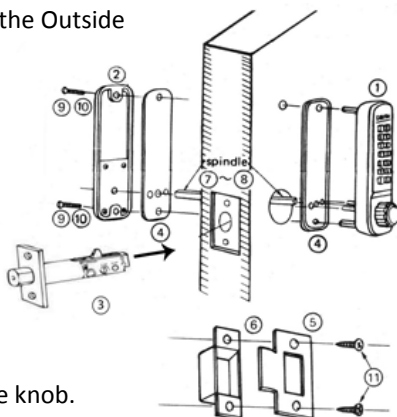
5. Place the Rubber Trim Plate (#4) on the backside of the Outside Body (#1).
6. Place the Outside Body on the door. The hexagonal bolts should extend into the top and bottom holes.
7. The Support Pin (#14) on the Inside Body should fit into and extend through the hole in the Deadbolt (#3).



INSTRUCTIONS CONTINUED ON REVERSE SIDE

Step 7 cont: Install the DIGITAL 2210

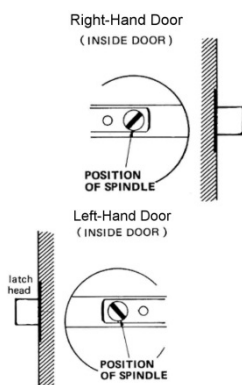
1. Insert the Spindle (#7/8) into the Outside Body (#1) ensuring it's in the proper angled position.
**(SEE FIGURES BELOW)*
2. Using a screwdriver, secure the lock to the door with the Screws (#9 or #10).
Screw length dependent on door thickness.
3. Test the operation of the Deadbolt by turning the inside knob.
4. Locate position where Deadbolt strikes door frame
And install Mortised Strike (#4).



*IMPORTANT: SPINDLE POSITION/ANGLE

RIGHT-HAND DOORS: From inside, place spindle through Deadbolt, into the Outside Body (#1) in the 2:00/8:00 position as shown to right.

LEFT-HAND DOORS: From inside, place spindle through Deadbolt, into the Outside Body (#1) in the 10:00/4:00 position as shown to right.



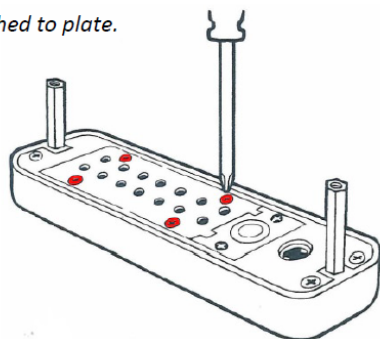
LOCKEY

USA

www.LOCKEYUSA.com

2000 SERIES HOW TO CHANGE CODE

1. Using a #2 screwdriver, remove the four (4) Red Screws.
2. Carefully remove cover plate.
WARNING: Springs are attached to plate.

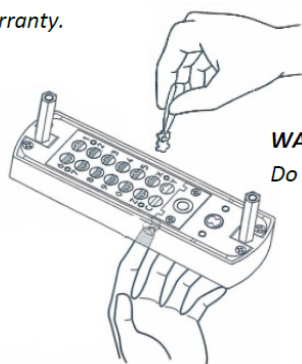


RED = CODE TUMBLERS

BLUE = NON-CODE TUMBLERS

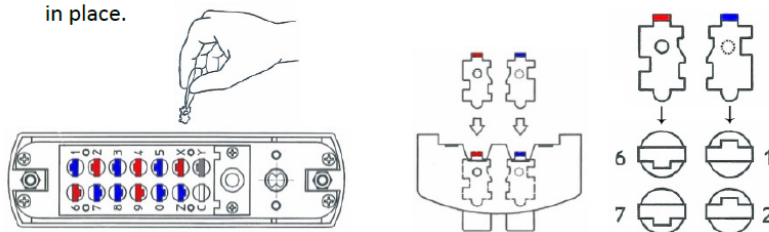
'C' = CLEAR (DO NOT REMOVE)

3. PRESS & HOLD 'C' BUTTON to release tumblers.
IMPORTANT: 'C' Button must be pressed and held down when removing and inserting tumblers. Failure to do so will damage the lock and void the warranty.

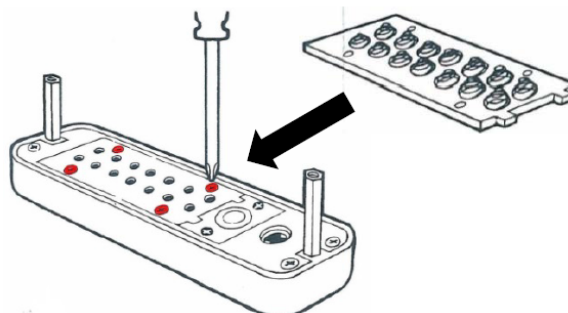


WARNING:
Do NOT force tumblers into position!

4. While holding the 'C' BUTTON, remove/add **CODE (Red)** and **NON-CODE (Blue)** Tumblers to create your desired code.
Ex: 3 Red = 3-Digit Code / 6 Red = 6-Digit Code
IMPORTANT: Ensure notched side of tumbler fits into slot. (Below – Far Right).
5. After changing your code, release the 'C' BUTTON to secure the tumblers in place.



6. Replace the cover plate and secure with four (4) Red Screws, using a #2 screwdriver.
7. TEST CODE before installing/re-installing lock.



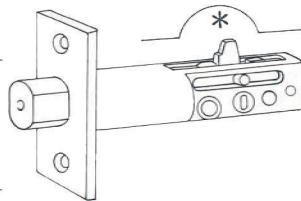
DIGITAL DOOR LOCK

FOR BACK SET 60M/M (2-3/8")

TEMPLATE FOR 2210
WITH 25.4mm (1") THROW

IMPORTANT

1. You must ensure that inside of 22mm (55/64") mortise hole is enlarged by moving wood drill up and down or using a small chisel — This is to give clearance for movement of 'CAM' which moves up as deadbolt is thrown (as shown in diagram below *) — check clearance required by turning spindle in deadbolt and view movement of cam.

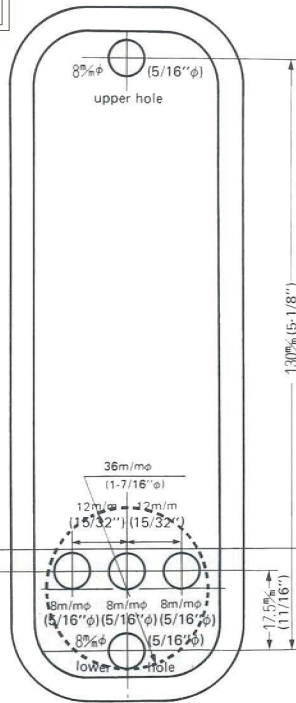


2. Ensure you drill hole in door frame deep enough to accept the 25.4mm (1") throw.

Template may not print at 100% accuracy. Please verify measurements are correct before drilling holes.

folding line of "For Right Hand Door"

folding line of "For Left Hand Door"



Back Set 60mm (2-3/8")

Back Set 60mm (2-3/8")

For Right Hand Door

For Left Hand Door



Mark in slot for
22mm (55/64") hole
at center of door edge

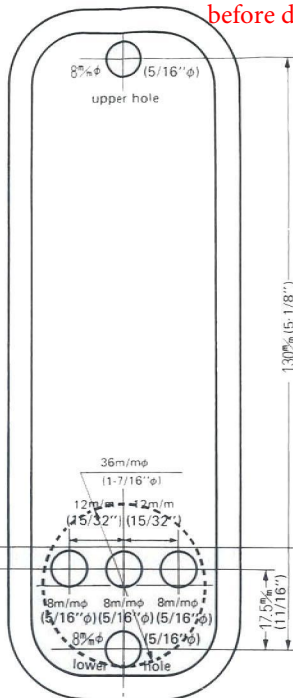


Mark in slot for
22mm (55/64") hole
at center of door edge.

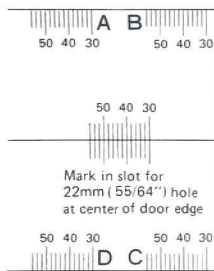


Template may not print at 100% accuracy.
Please verify measurements are correct
before drilling holes.

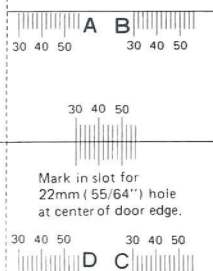
folding line of "For Right Hand Door"



folding line of "For Left Hand Door"



Mark in slot for
22mm (55/64") hole
at center of door edge



Mark in slot for
22mm (55/64") hole
at center of door edge.

Back set 70mm (2-3/4")

Back set 70mm (2-3/4")

For Right Hand Door

For Left Hand Door

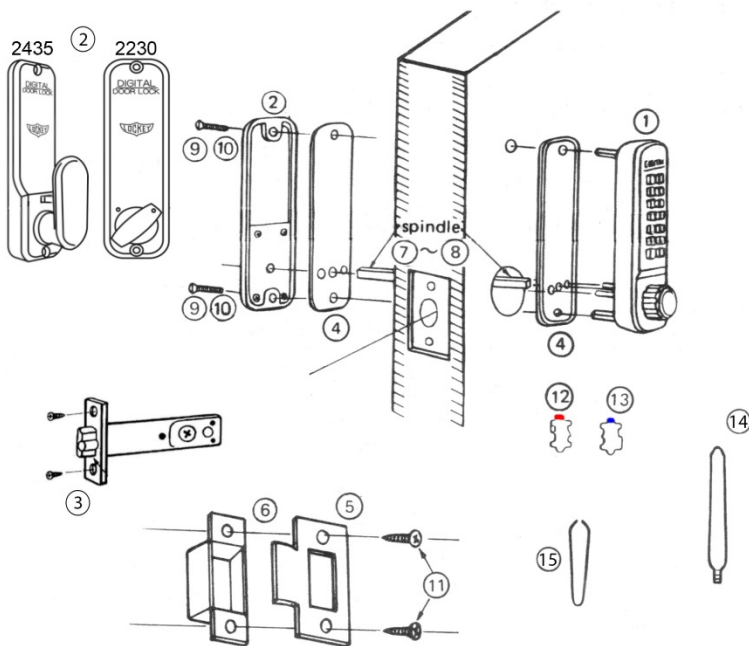


LOCKEY 2230 | 2435

INSTALLATION INSTRUCTIONS

2230 | 2230 DC | 2435

No.	Part Name	2230 2435
1	Outside Body	1
2	Inside Body	1
3	Deadlatch (2 3/8" - 2 3/4")	1
4	Rubber Trim Plate	2
5	Strike Plate	1
6	Mortised Striker	1
7	Spindle 40-55mm.	1
8	Spindle 30-45 mm.	1
9	Machine Screw M4 x 50 mm.	2
10	Machine Screw M4 x 35 mm.	2
11	Wood Screws M4	4
12	Extra Code Tumblers (Red)	1
13	Extra Non-Code Tumblers (Blue)	2
14	Brass Support Pin	1
15	Tweezers	1



Step 1: Change User Code (OPTIONAL)

If you wish to change your code, see instructions on reverse side.

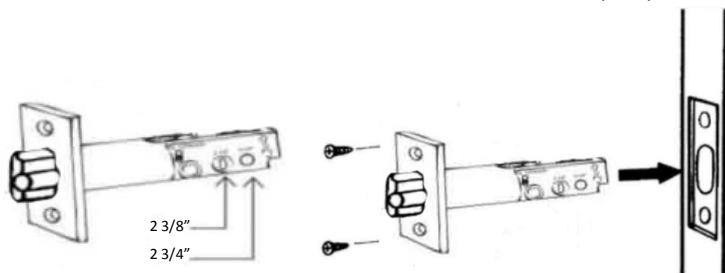
Step 2: Prep Door for Installation with Template

- Place template (supplied) on door and fold along door's edge.
- Mark holes for 2 3/8" or 2 3/4" backset.
- Drill holes as instructed.

NOTE: For Pre-Prepped 2 1/8" doors, you only need to drill top hole.

Step 3: Adjust Latch (if necessary) & Install

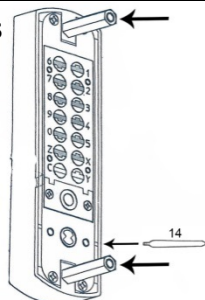
- Adjustable latch (#3) is factory preset for a 2 3/8" backset.
- For 2 3/4" backsets, slide the Cam assembly on the latch to 2 3/4".
- Insert latch into door and secure with Wood Screws (#11).



Step 4: Install Support Pin & Hex Bolts

Install Brass Support Pin (#14) into either hole on Outside Body as shown in the figure to the Right.

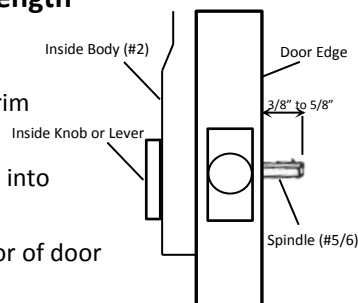
Install/screw Hex Bolts into the top and bottom of the Outside Body as shown in the figure.



Step 5: Verify Correct Spindle Length

- With latch (#3) installed, hold the Inside Body (#2) and Rubber Trim Plate (#4) to the door.
- Place Spindle (#7/8) through latch, into the Inside Body, as far as possible.
- Spindle should extend from exterior of door 3/8" min. - 5/8" max.
- If the 30-45 mm (#8) is too long, cut it to the correct length.

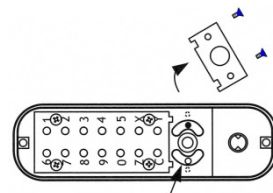
IMPORTANT: If spindle extends less than 3/8" it may not engage the lock. If spindle extends more than 5/8", it will cause the lock to bind.



Step 6: Determine Knob Turn Direction (to unlock)

The lock is preset to unlock when turned clockwise after combination is entered.

If desired, you can unlock the door with a counter-clockwise turn. Remove the two blue screws and move the pin to the opposite side as shown.

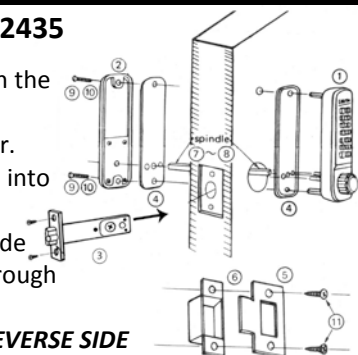


*2230 DC - Inside Body pin must on opposite side from Outside Body.

Step 7: Install the Lockey 2230/2435

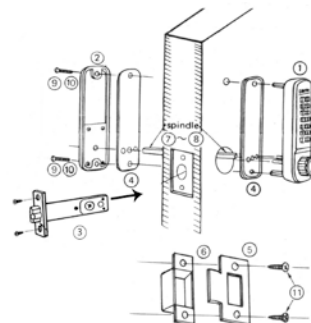
- Place the Rubber Trim Plate (#3) on the backside of the Outside Body (#1).
- Place the Outside Body on the door. The hexagonal bolts should extend into the top and bottom holes.
- The Support Pin (#14) on the Outside Body should fit into and extend through the hole in the Latch (#3).

INSTRUCTIONS CONTINUED ON REVERSE SIDE



Step 7 cont: Install the Locky 2230/2435

1. Insert the Spindle (#7/8) into the Outside Body (#1) ensuring it's in the proper angled position.
**(SEE FIGURES BELOW)*
2. Using a screwdriver, secure the lock to the door with the Screws (#9 or #10).
Screw length is dependent on door thickness.
3. Test the operation of the Latch by turning the inside knob/lever.
4. Locate position where Latch strikes door frame and install Mortised Strike (#5) and Strike Plate (#6).

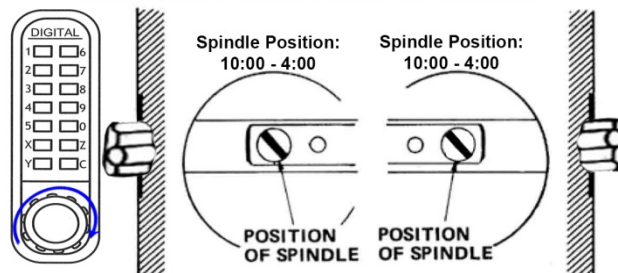


*IMPORTANT: SPINDLE POSITION/ANGLE

CLOCKWISE TURN TO UNLOCK WITH COMBINATION

The 2230/2435 is factory preset to unlock with a clockwise turn when the combination is entered. The Spindle MUST be placed through the latch, at a 10:00 – 4:00 angle as shown.

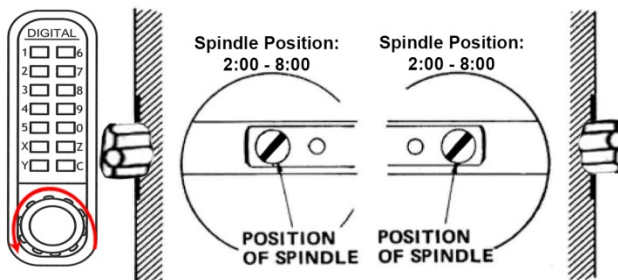
Turn Knob Clockwise to Unlock



COUNTER-CLOCKWISE TURN TO UNLOCK WITH COMBINATION

If desired, the 2230/2435 can be unlocked with a counter-clockwise turn when the combination is entered. To unlock the 2230/2435 with a counter-clockwise turn, please refer to Step 6 to change the Handing Pin.

Turn Knob Counter-Clockwise to Unlock



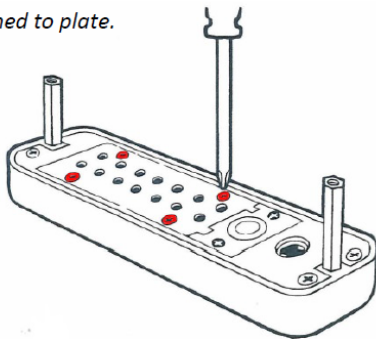
After changing the Handing Pin, the Spindle MUST be placed through the latch at a 2:00 – 8:00 angle as shown.

LOCKY 2000 SERIES

HOW TO CHANGE CODE

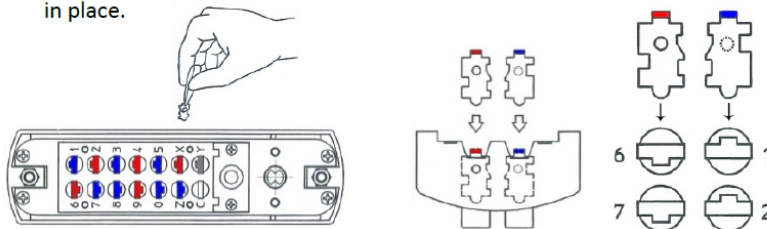
LOCKY USA

1. Using a #2 screwdriver, remove the four (4) Red Screws.
2. Carefully remove cover plate.
WARNING: Springs are attached to plate.



RED = CODE TUMBLERS
BLUE = NON-CODE TUMBLERS
'C' = CLEAR (DO NOT REMOVE)

4. While holding the 'C' BUTTON, remove/add CODE (Red) and NON-CODE (Blue) Tumblers to create your desired code.
Ex: 3 Red = 3-Digit Code / 6 Red = 6-Digit Code
IMPORTANT: Ensure notched side of tumbler fits into slot. (Below – Far Right).
5. After changing your code, release the 'C' BUTTON to secure the tumblers in place.

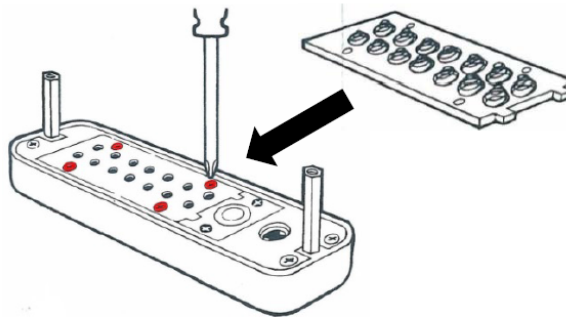


3. PRESS & HOLD 'C' BUTTON to release tumblers.
IMPORTANT: 'C' Button must be pressed and held down when removing and inserting tumblers. Failure to do so will damage the lock and void the warranty.



WARNING:
Do NOT force tumblers into position!

6. Replace the cover plate and secure with four (4) Red Screws, using a #2 screwdriver.
7. TEST CODE before installing/re-installing lock.



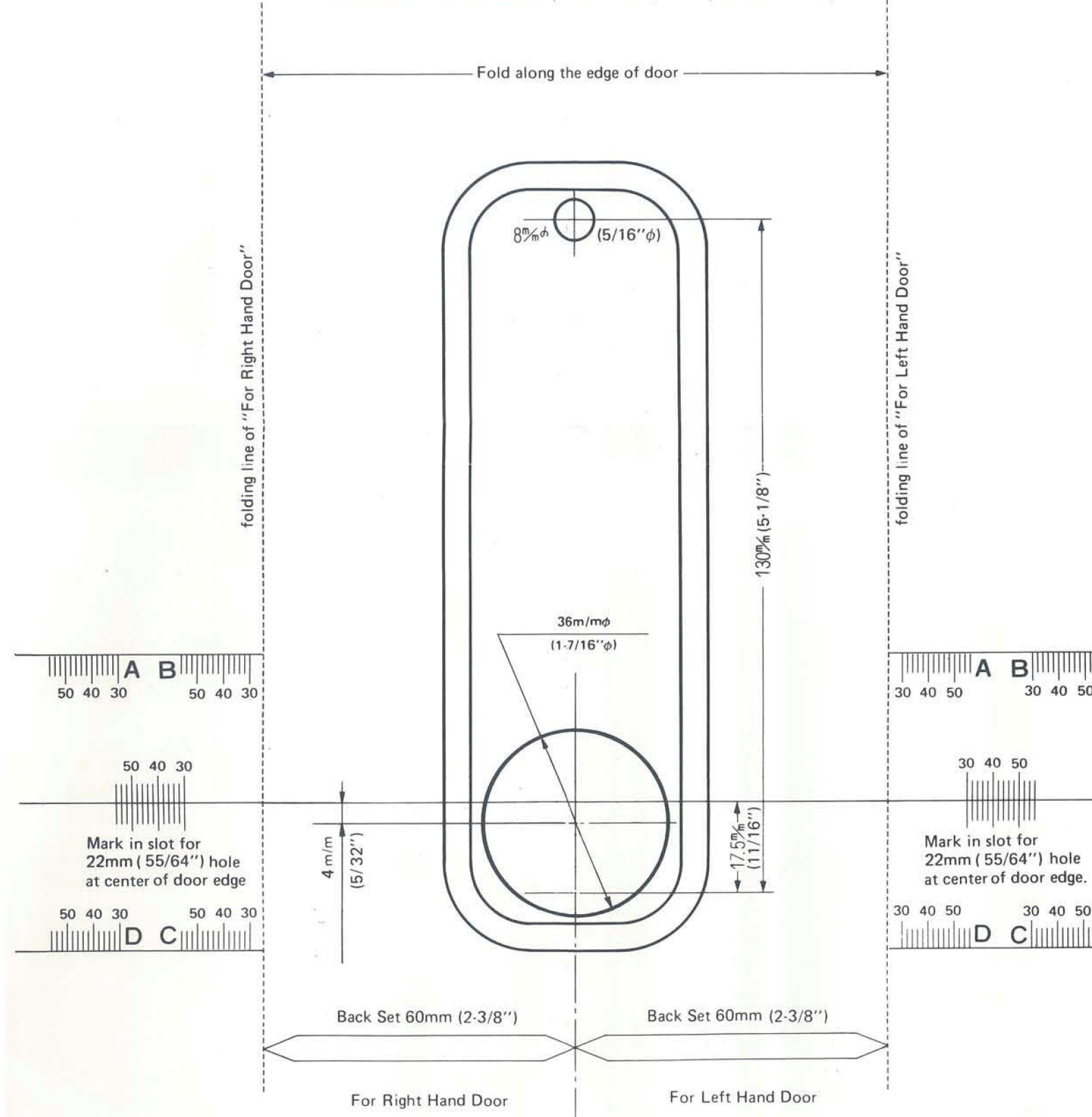
Template may not print at 100% accuracy.
Please verify measurements before drilling
holes/installing.

DIGITAL DOOR LOCK

TEMPLATE

For Models:
2230 , 2435, 2835

FOR BACK SET 60M/M(2-3/8")



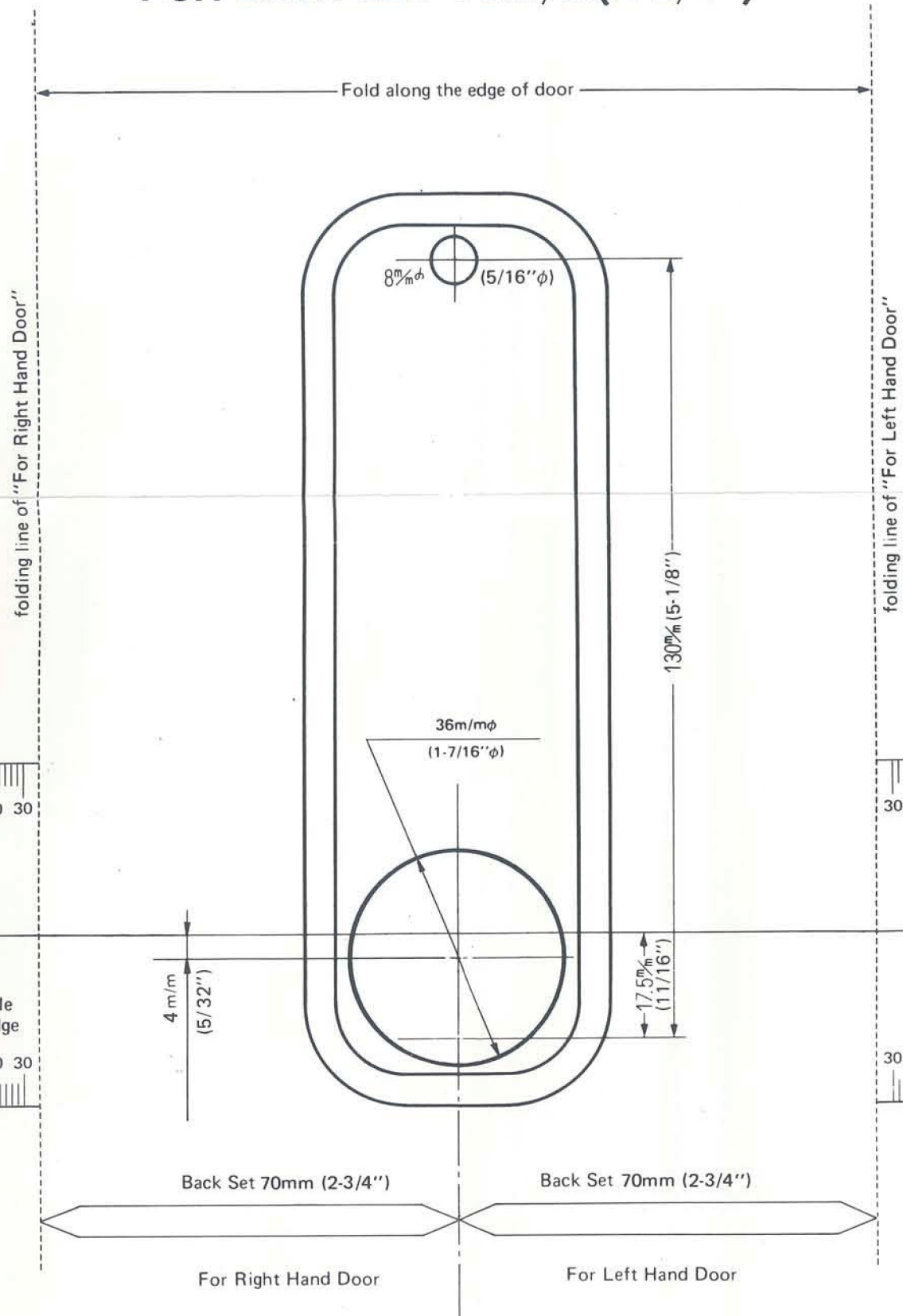
DIGITAL DOOR LOCK

Template may not print at 100% accuracy.
Please verify measurements before drilling
holes/installing.

TEMPLATE

For Models:
2230, 2435, 2835

FOR BACK SET 70M/M(2-3/4")



IMPORTANT INFORMATION ABOUT YOUR DIGITAL 2835

1. When the door is closed, the system locks automatically.
2. From the inside, unlock using the Lever Handle.
3. From the outside, unlock by pressing 'C' (CLEAR), followed by your User Code.
4. The 2835 is equipped with a **PASSAGE FUNCTION**, allowing you to leave the door unlocked.

-To enable the passage function:

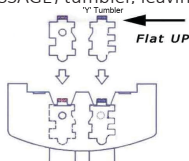
Press 'C' (CLEAR), then 'Y' (PASSAGE), then enter User Code.

-To disable the passage function:

Press 'Y' (PASSAGE), followed by 'C' (CLEAR).

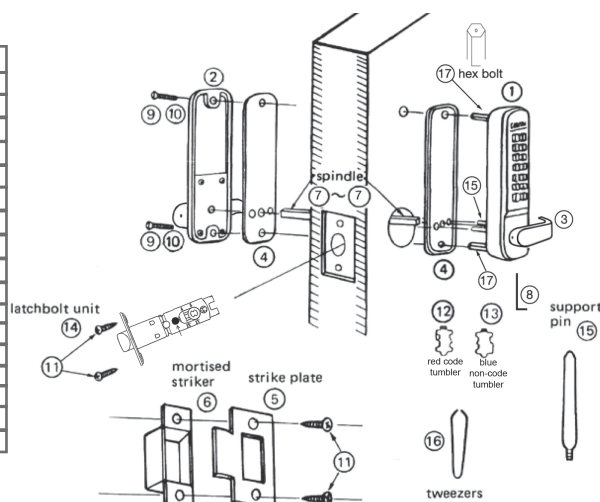
-To disable the passage function PERMANENTLY:

Remove the 'Y' (PASSAGE) tumbler, leaving that slot empty.



IMPORTANT: Always press and hold the 'C' Button when removing and inserting Tumblers. Refer to 'How to Change Code' instructions on reverse side.

No.	Part Name	2835
1	Outside Body	1
2	Inside Body	1
3	Lever Handle	2
4	Rubber Trim Plate	2
5	Strike Plate	1
6	Mortised Striker	1
7	Spindle	1
8	Allen Wrench	1
9	Machine Screw M4 x 40mm	2
10	Machine Screw M4 x 30mm 50mm	1 1
11	Wood Screw M4 x 16mm	4
12	Extra Code Tumblers (Red)	2
13	Extra Non-Code Tumblers (Blue)	3
14	Adjustable Latch 2 3/8" - 2 3/4"	1
15	Support Pin	1
16	Tweezers	1
17	Hex Bolts	2



Step 1: Change User Code/Combination (OPTIONAL)

To change user code/combination, see instructions on reverse side.

Step 2: Prep Door for Installation with Template

Place template (supplied) on door and fold along door's edge.

Mark holes for 2 3/8" or 2 3/4" backset. Drill holes as instructed.

Note: For pre-prepped 2 1/8" doors, you only need to drill top hole.

Step 3: Identify Door Handing

Right-Hand Doors – From exterior of door, hinges are on right-side (Fig. 1).

Left-Hand Doors – From exterior of door, hinges are on left-side (Fig. 2).

For Right-Hand Doors: Install Support Pin (#15) in position 'A'.

For Left-Hand Doors: Install the Support Pin (#15) in position 'B'.

Now, install/screw Hex Bolts (#17) into the top and bottom as shown.

Fig. 1

RIGHT HAND

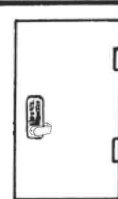


Fig. 2

LEFT HAND

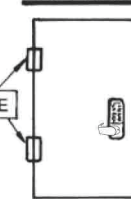
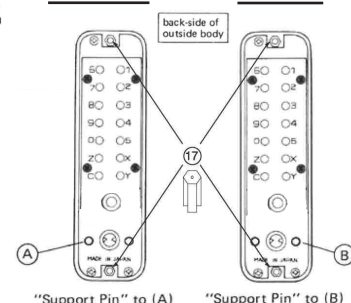


Fig. 3

RIGHT HAND

LEFT HAND



Step 4: Install Lever Handles

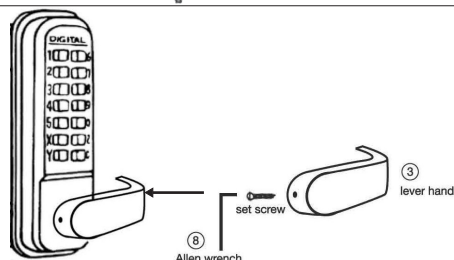
Using Allen Wrench (#8), install levers to the inside and outside bodies.

Secure with set screws.

Note: Levers should point towards the door hinges.

Note: The 2835 is equipped with a built-in slip clutch lever handle to prevent damage in the event of an attempted forced entry. If lever handle is in position shown (far right), pull lever back to desired position.

Fig. 4



Slip Clutch



Step 5: Adjust Latch (if necessary) and Install

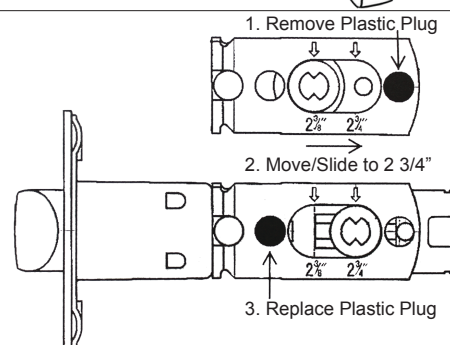
Adjustable Latch (#14) is preset to 2 3/8" backset.

To adjust: Remove plastic plug, slide to 2 3/4", and replace plastic plug as shown (Fig. 5).

Insert Adjustable Latch (#14) into the door.

Secure with two (2) Wood Screws (#11).

Fig. 5



Continued on Reverse Side

INSTALLATION INSTRUCTIONS CONTINUED:

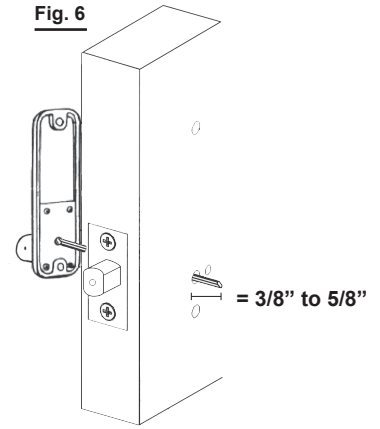
Step 6: Verify Correct Spindle Length (Fig. 6)

With Adjustable Latch (#14) installed, hold the Inside Body (#2) and Rubber Trim Plate (#3) to the door. Place Spindle (#7) through Latch, into the Inside Body, as far as possible. Spindle should extend from exterior of door 3/8" min. to 5/8" max. If Spindle (#7) is too long, cut it to the correct length using Pliers.

*IMPORTANT:

If spindle extends less than 3/8" it may not engage the lock.
If spindle extends more than 5/8", it will cause the lock to bind.

Fig. 6



Step 7: Install the DIGITAL 2835

Place the Rubber Trim Plate (#4) on the backside of the Outside Body (#1). Place the Outside Body on the door. The hex bolts (#17) should extend into the top and bottom holes. The Support Pin (#15) should extend through the hole in the Latch (#14). Insert the Spindle (#7) into the Outside Body (#1) ensuring it's in the proper angled position.

*IMPORTANT: SPINDLE POSITION/ANGLE

RIGHT-HAND DOORS: From inside, place spindle through Latch, into the Outside Body in the 2:00/8:00 position (Fig. 7).
LEFT-HAND DOORS: From inside, place spindle through Latch, into the Outside Body in the 10:00/4:00 position (Fig. 8).

Fig. 7

Right-Hand Door
(INSIDE DOOR)

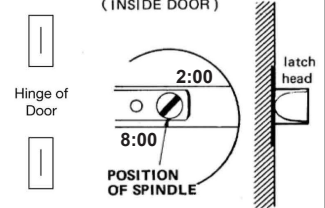
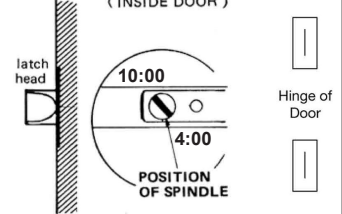


Fig. 8

Left-Hand Door
(INSIDE DOOR)



Place the Rubber Trim Plate (#4) and Inside Body (#2) on the inside of the door. Using a screwdriver, secure the lock to the door with Screws (#9 or #10).

(Screw length is dependent on door thickness.)

Test the operation of the latch by turning the inside lever.

Locate position where latch strikes door frame and install Strike Plate (#5) and Mortised Striker (#4).

TEST YOUR LOCK: Press 'C' button (clear), followed by your combination. Push lever down and lock will open.

TEST PASSAGE: Press 'C', followed by 'Y', followed by combination. Lock should remain unlocked (passage).

TO LOCK: Push 'Y', followed by 'C'. Lock will remain locked.

NOTE: If lever handle must be pulled up to unlock, change spindle position/angle (see figures 7 and 8).

If latch sticks: First, make sure Support Pin (#15) is in place. Second, verify correct spindle length (see step 6).

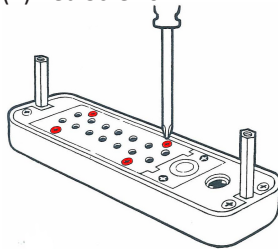


SAVE

How to Change User Code/Combination

1. Using a #2 screwdriver, remove the four (4) Red Screws.
2. Carefully remove cover plate.

WARNING: Springs are attached to plate.

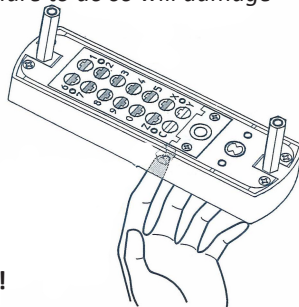


'C' = CLEAR (DO NOT REMOVE)

'Y' = PASSAGE ('Y' Tumbler may be removed to disable PASSAGE FUNCTION)

3. PRESS & HOLD 'C' BUTTON to release tumblers.

IMPORTANT: 'C' button **MUST** be pressed and held down when removing and inserting tumblers. Failure to do so will damage the lock and void the warranty.



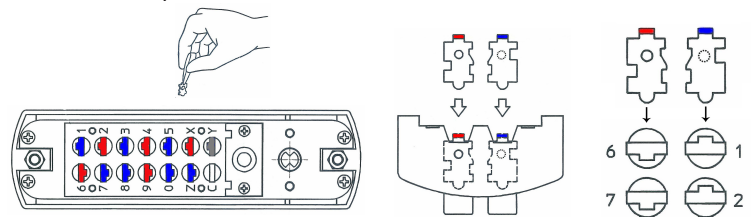
WARNING:

Do NOT force tumblers into position!

4. While holding the 'C' BUTTON, remove/add **CODE (Red)** and **NONCODE (Blue)** tumblers to create your desired code.

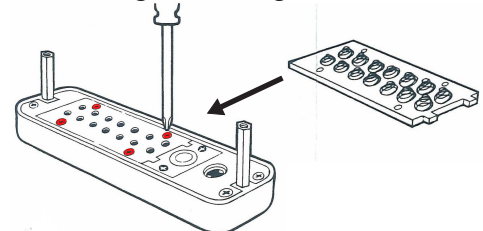
Ex: 3 Red = 3-Digit Code / 6 Red = 6-Digit Code

5. After changing your code, release the 'C' BUTTON to secure the tumblers in place.



6. Replace the cover plate and secure with four (4) Red Screws, using a #2 screwdriver.

7. TEST CODE before installing/re-installing lock.



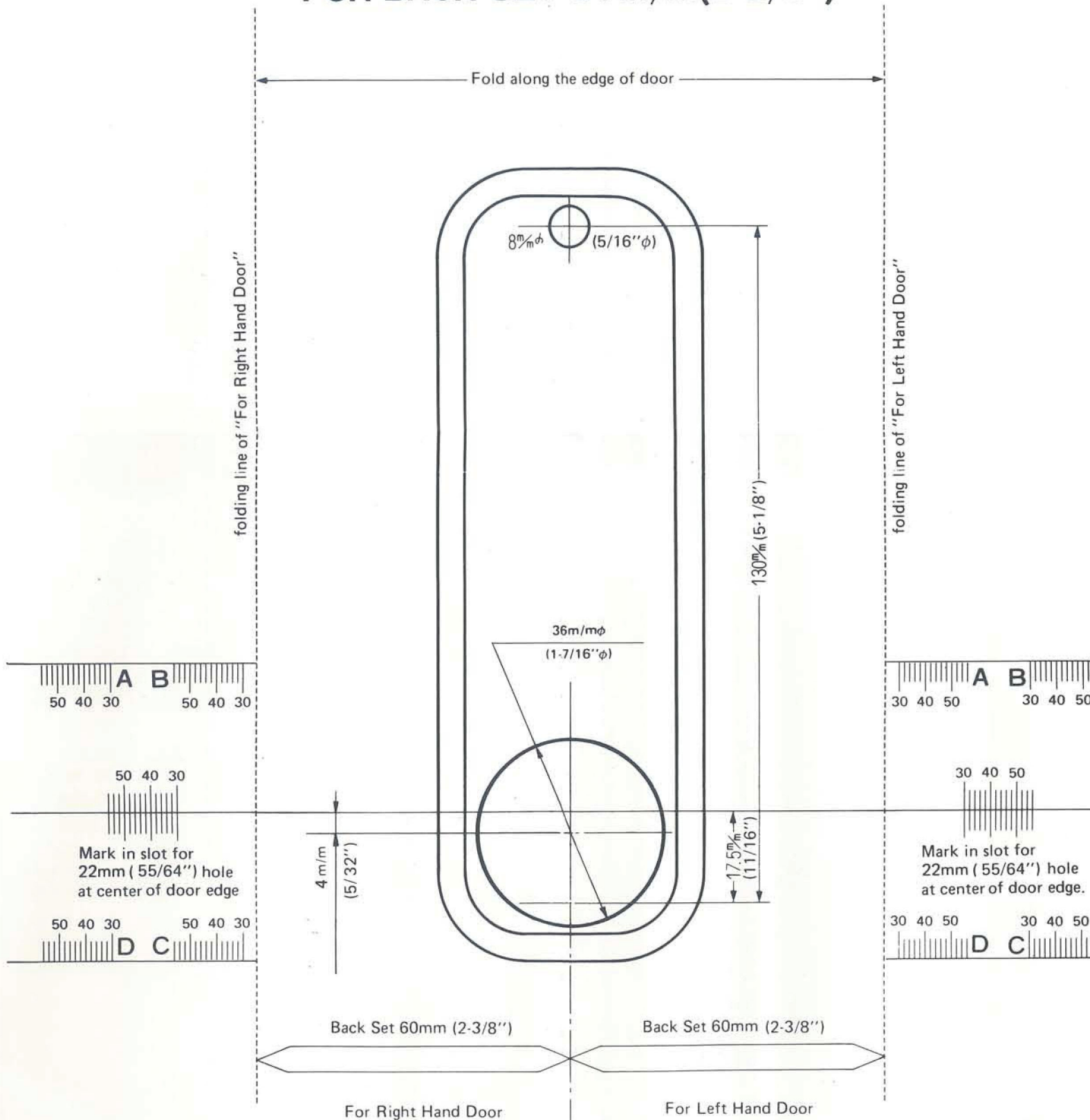
For more helpful tips and installation instructions, visit www.LOCKEYUSA.com

DIGITAL DOOR LOCK

TEMPLATE

For Models:
2230 , 2435, 2835

FOR BACK SET 60M/M(2-3/8")

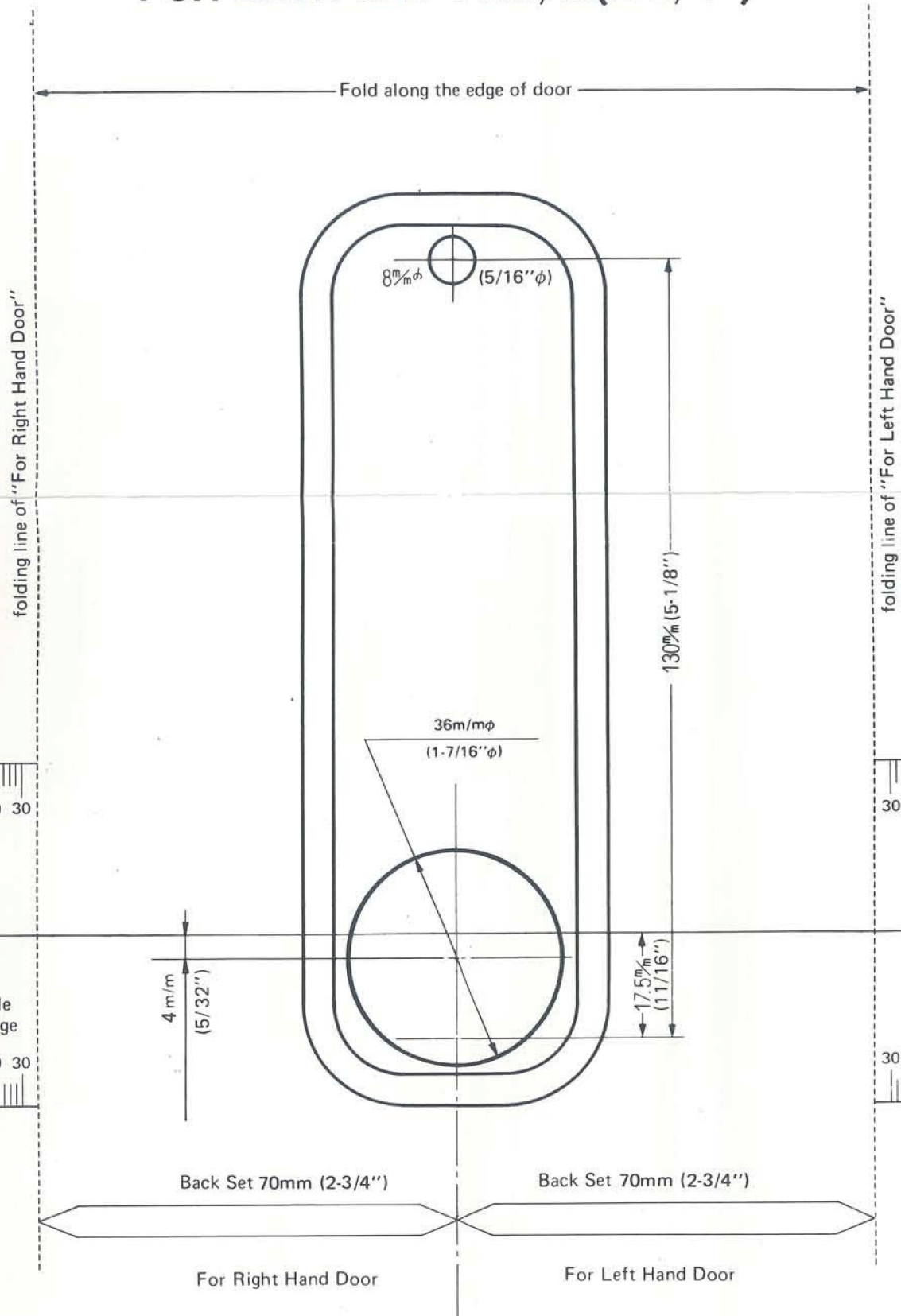


DIGITAL DOOR LOCK

TEMPLATE

For Models:
2230, 2435, 2835

FOR BACK SET 70M/M(2-3/4")





2900 DEADBOLT & 2950 HOOK BOLT INSTALLATION INSTRUCTIONS

The LockeyUSA 2900 Deadbolt and 2950 Hook Bolt are designed for narrow stile prep doors or replaces configurations with existing narrow stile hardware with 1 1/8" prep (Adams Rite).

Note: For 1 1/8" narrow stile prep doors, please skip to Step 2.

Before Installing: Change User Code/Combination (OPTIONAL)

To change user code/combination, see instructions below.

Step 1: Remove all previously installed hardware. *Note: DO NOT discard previously installed Trim Plate (may be used).*

Step 2: Using the template provided, mark mounting holes on the surface of the door.

Note: After marking mounting holes, check to ensure the drive/spindle hole is placed at the bottom.

This mounting is opposite compared to most Adams Rite configurations.

Step 3: Check template to guarantee proper measurements and hole pattern. Drill holes accordingly.

Step 4: After drilling mounting holes, check to make sure that the lock and spindle/tailpiece line up with holes.

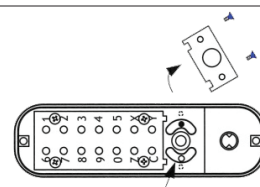
Step 5: The lock is factory pre-handed for left-hand doors.

To change handing, remove the two blue screws and cover plate from the Outside/Combination Body.

Next, move the pin from the left side of the Outside Body to the hole on the right side.

Replace plate and screws.

Note: For 2900 DC and 2950 DC, Inside Body handing pin must be placed on opposite side from Outside Body.



Step 6: Hold Deadbolt/Hookbolt in place with Drive/Spindle hole on bottom and secure with mounting screws.

Step 7: To Verify Correct Spindle Length, hold Inside Body to the door.

Place spindle/tailpiece through the spindle/drive hole of the Deadbolt/Hookbolt.

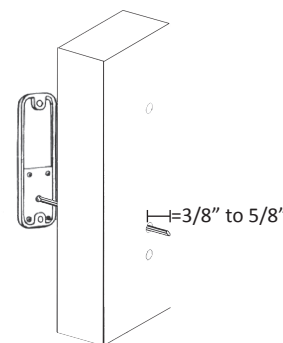
Check to ensure that the spindle/tailpiece engages the lock.

Spindle should extend from exterior of door 3/8" min. to 5/8" max.

If spindle extends less than 3/8" it may not engage the lock.

If spindle extends more than 5/8", it will cause the lock to bind.

If spindle is too long, cut it to the correct length using pliers.



Step 8: Place rubber escutcheon on Outside Body and place Outside Body on door.

Step 9: Place rubber escutcheon on Inside Body and secure Inside Body to the Outside Body on the door using the provided screws.

After installing the lock, replace and secure face plate.

Please Note: Due to variances in face plate sizes, you may need to use the previously installed face plate.

Note: The strike may need to be modified to accommodate the 2900 Deadbolt/2950 Hookbolt.

Note: In some cases, the rubber escutcheon may need to be trimmed on the inside body to allow proper door closure.

This is due to the jamb edge on the interior of the door. In rare cases, you may also need to trim the jamb edge to accommodate the lock.

How to Change Code

1. Using a #2 screwdriver, remove the four (4) red screws.

2. Carefully remove cover plate.

WARNING: Springs are attached to plate.

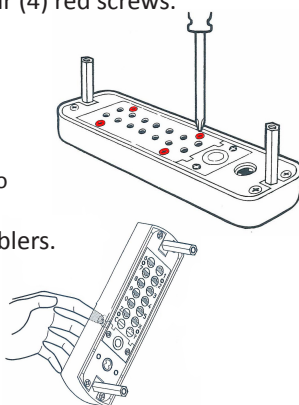
RED = CODE TUMBLERS

BLUE = NON-CODE TUMBLERS

'C' = CLEAR (DO NOT REMOVE)

'Y' = PASSAGE ('Y' Tumbler may be removed to disable PASSAGE FUNCTION)

3. Press & Hold 'C' button to release tumblers.



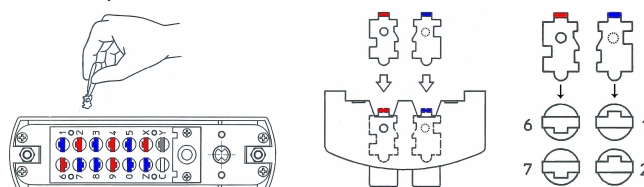
IMPORTANT: 'C' button must be pressed and held down when removing and inserting tumblers. Failure to do so will damage the lock and void the warranty.

4. While holding the 'C' button, remove/add Code (Red) and Non-Code(Blue) tumblers to create your desired code.

Ex. 3 Red = 3-Digit Code/ 6 Red = 6-Digit Code

Important: Ensure notched side of tumbler fits into slot (right).

5. After changing your code, release the 'C' button to secure the tumblers in place.



6. Replace the cover plate and secure with four (4) red screws, using a #2 screwdriver.

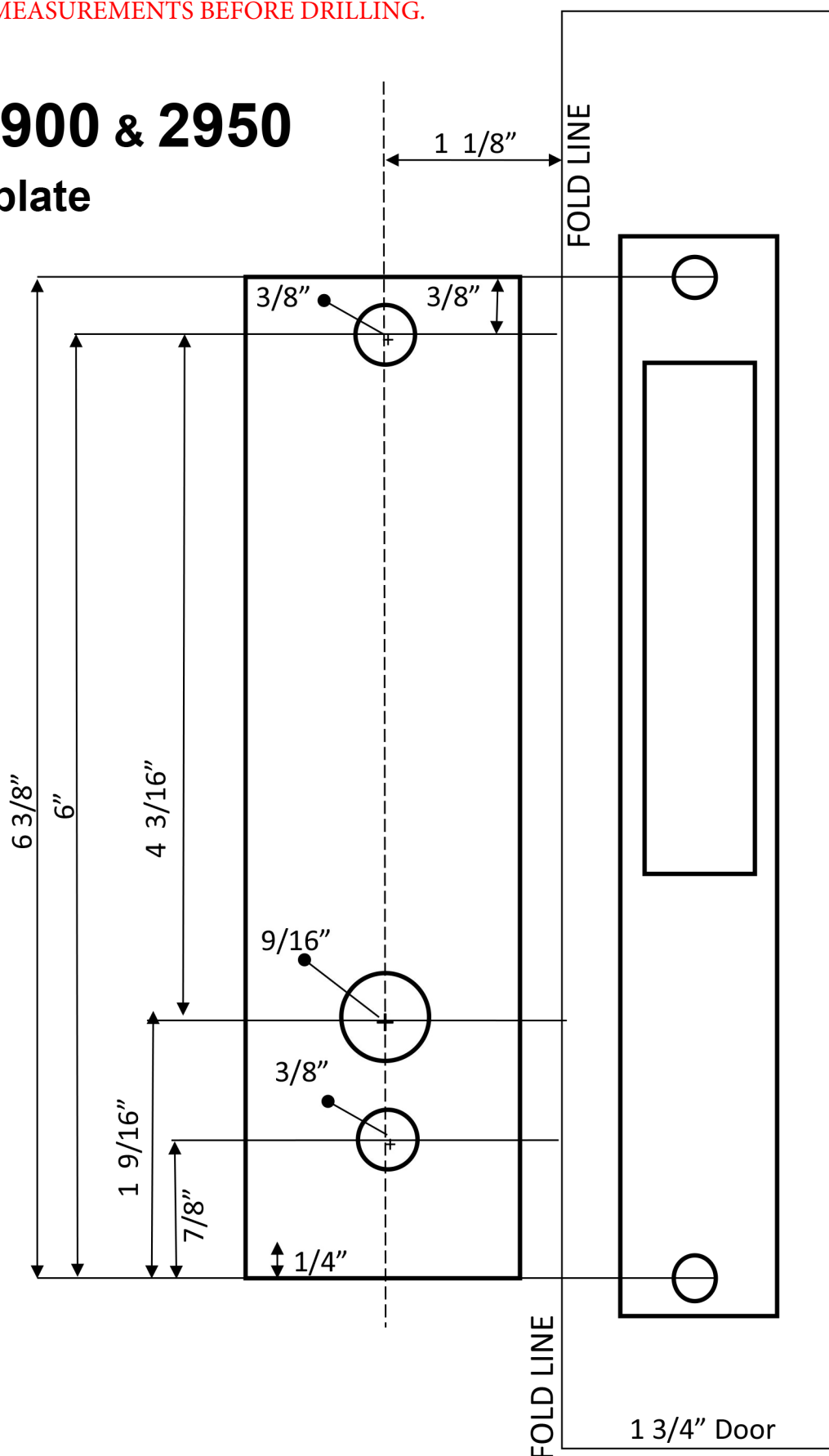
7. TEST CODE before installing/re-installing your lock.

Lockey® 2900 Series
2900 | 2950 | 2930 | 2945 | 2985
Installation Instructions & Template



Important: FILE MAY NOT PRINT AT 100% ACCURACY.
PLEASE CHECK MEASUREMENTS BEFORE DRILLING.

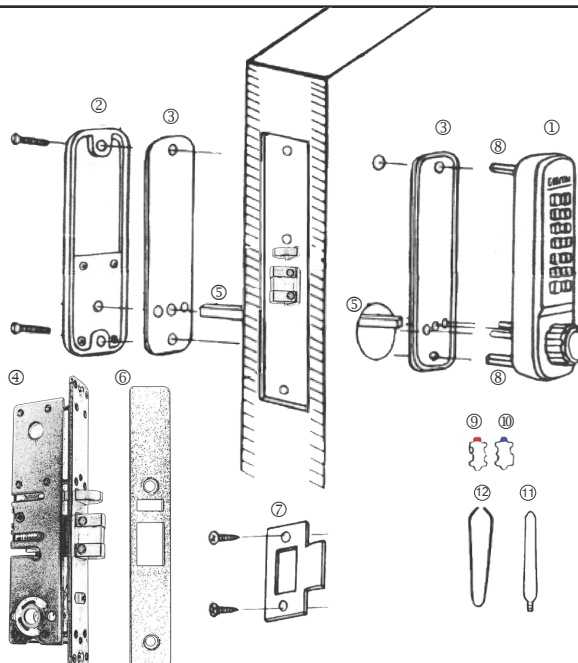
Lockey 2900 & 2950 Bolt Template



No.	Part Name	# included
1	Outside Body	1
2	Inside Body	1
3	Rubber Trim Plates	2
4	Narrow Stile Deadlatch	1
5	Spindle (30-45mm & 40-55mm)	2
6	Latch Face Plate	1
7	Strike Plate	1
8	Hex Bolts	2
9	Extra Code Tumblers (Red)	2
10	Extra Non-Code Tumblers (Blue)	4
11	Support Pin	2
12	Tweezers	1
13	Screw Kit	1

IMPORTANT INFORMATION ABOUT YOUR 2930/2945

1. The Lockey 2930 & 2945 are designed for narrow stile prep doors or for configurations with existing narrow stile hardware with 1 1/8" prep. The 2930 & 2945 can also be installed on new mortise prep doors, 2"x2" gates or chainlink gates.
2. The drive/spindle hole is located on the bottom of the latch. The system operates opposite compared to Adams-Rite style products. The strike may need to be modified.
3. When the door is closed, the system locks **automatically**.
4. From the inside, unlock using the thumb turn/lever handle.
5. From the outside, unlock by pressing 'C' (CLEAR), followed by your User Code.



Step 1: Change User Code/Combination (OPTIONAL)

To change user code/combination, see instructions on reverse side.

Step 2: Prep Door for Installation with Template

Place template (supplied) on door and fold along door's edge. Check to ensure proper measurements. Drill holes accordingly.

Step 3: Identify Door Handing

Right-Hand Doors – From exterior of door, hinges are on right side (Fig. 1).

Left-Hand Doors – From exterior of door, hinges are on left side (Fig. 2).

The 2930 & 2945 are factory pre-handed for right-hand doors.

To change handing, remove two blue screws and cover plate from Outside Body. Move the pin from the right side of the Outside Body to the hole on the left side. Replace plate and screws.

Note: For 2930 DC (Double Combination), Inside Body handing must be opposite from Outside Body.

Install at least one Support Pin (#11) in position 'A' / position 'B' on the **Outside Body** as shown in Fig. 3.

Now, install/screw Hex Bolts (#8) into the top and bottom of the Outside Body as shown in Fig. 3.

Fig. 1
RIGHT HAND

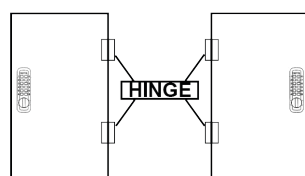


Fig. 2
LEFT HAND

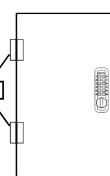
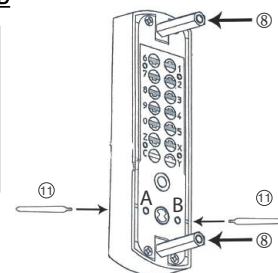


Fig. 3



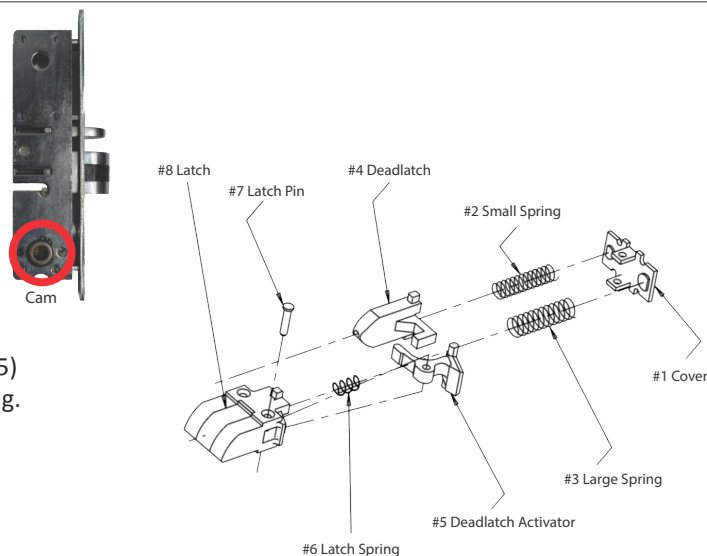
Step 4: Change Latch Handing (if necessary) & Install Latch

IMPORTANT: Do NOT remove Cam from latch when changing handing.

Cam Position: MUST be on LEFT side of latch.

If latch does not pull and twist, proceed with the following steps:

1. Remove screws from both sides of latch casing.
 2. Remove cover and interior springs (#1, #2, #3).
 3. Remove latch and deadlatch (#4, #8).
 4. Carefully remove Latch Pin (#7) and Latch Spring (#6).
 5. Replace the Latch Spring (#6) and then move the Deadlatch Activator (#5) to the opposite side of the latch, ensuring that it depresses the Latch Spring.
 6. Replace the Latch Pin.
 7. Replace Latch, Deadlatch, Latching Springs and Cover.
 8. Secure Screws on each side of the Latch Casing.
- Place the Narrow Stile Deadlatch (#4) in the door prep and secure.

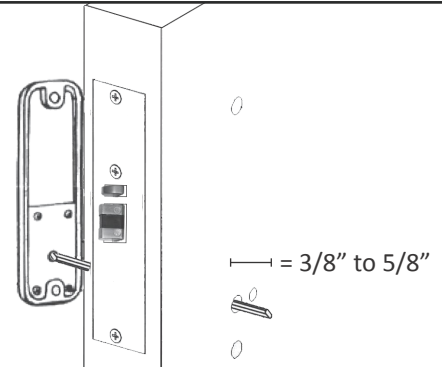


Step 5: Verify Correct Spindle Length

With the Deadlatch installed, hold the Inside Body (#2) and Rubber Trim Plate (#3) to the door. Place Spindle (#5) through Latch, into the Inside Body, as far as possible. Spindle should extend from exterior of door 3/8" min. to 5/8" max. If Spindle is too long, cut it to the correct length using pliers.

***IMPORTANT:**

If spindle extends less than 3/8" it may not engage the lock.
If spindle extends more than 5/8", it will cause the lock to bind.



Step 6: Complete Installation

Place the Rubber Trim Plate (#3) on the backside of the Outside Body (#1). Place the Outside Body on the door. The Hex Bolts (#8) should extend into the top and bottom holes. The Support Pin (#11) should extend through the hole in the Latch (#4). Insert the Spindle (#5) into the Outside Body (#1) ensuring it's in the proper angled position.

***IMPORTANT: SPINDLE POSITION/ANGLE**

RIGHT-HAND DOORS: From inside, place spindle through Latch, into the Outside Body in the 2:00/8:00 position (above).

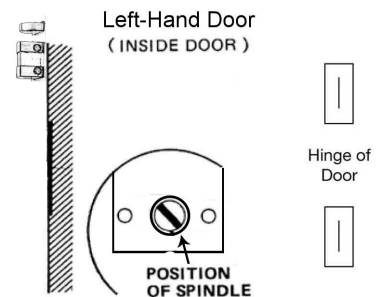
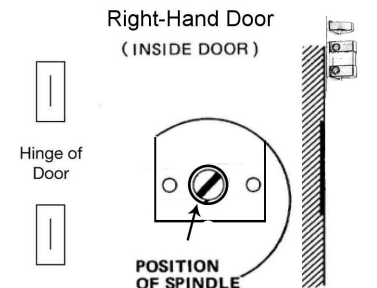
LEFT-HAND DOORS: From inside, place spindle through Latch, into the Outside Body in the 10:00/4:00 position (below).

Place the Rubber Trim Plate (#3) and Inside Body (#2) on the inside of the door. Using a screwdriver, secure the lock to the door (screw length dependent on door thickness). Test the operation of the latch by turning the inside thumbturn. Locate position where latch strikes door frame and install Strike Plate (#7).

TEST YOUR LOCK: Press 'C' button (clear), followed by your combination. Turn knob and lock will open.

After installing and testing the lock, secure Faceplate (#6).

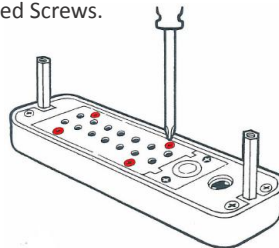
Note: If latch sticks, first make sure Support Pin is in place. Second, verify correct spindle length (see step 5).



How to Change User Code/Combination

1. Using a #2 screwdriver, remove the four (4) Red Screws.
2. Carefully remove cover plate.

WARNING: Springs are attached to plate.



'C' = CLEAR (DO NOT REMOVE)

'Y' = PASSAGE ('Y' Tumbler may be removed to disable PASSAGE FUNCTION)

3. PRESS & HOLD 'C' BUTTON to release tumblers.

IMPORTANT: 'C' button *MUST* be pressed and held down when removing and inserting tumblers. Failure to do so will damage the lock and void the warranty.



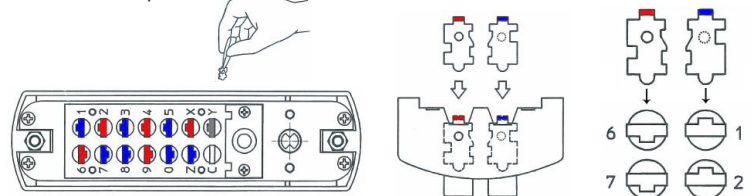
WARNING:

Do NOT force tumblers into position!

4. While holding the 'C' BUTTON, remove/add **CODE (Red)** and **NONCODE (Blue)** tumblers to create your desired code.

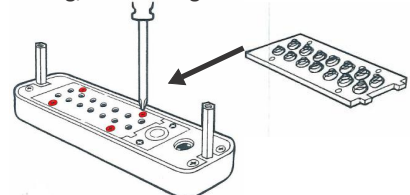
Ex: 3 Red = 3-Digit Code / 6 Red = 6-Digit Code

5. After changing your code, release the 'C' BUTTON to secure the tumblers in place.



6. Replace the cover plate and secure with four (4) Red Screws, using a #2 screwdriver.

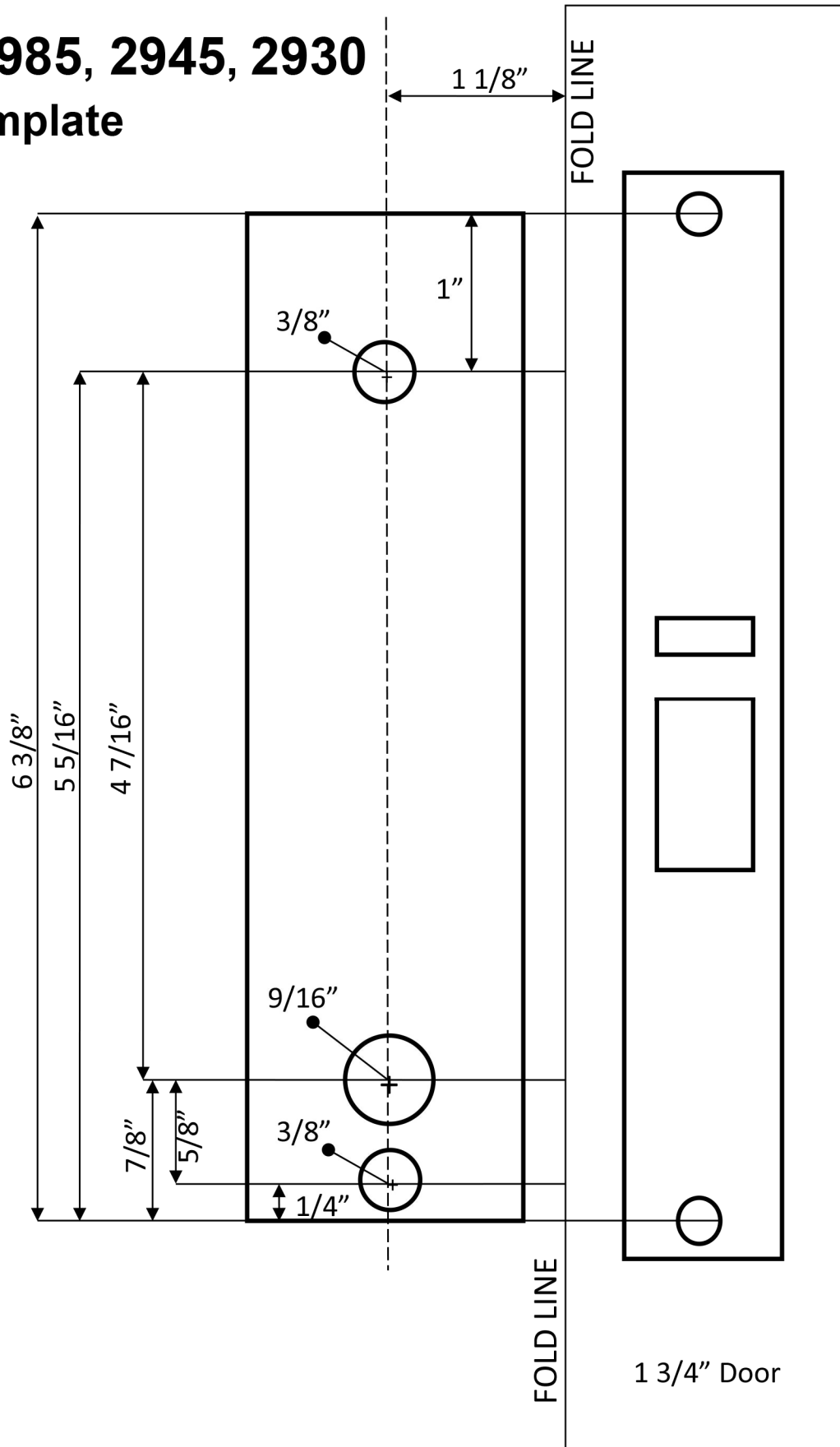
7. TEST CODE before installing/re-installing lock.



Lockey® 2900 Series
2930 | 2945 | 2985
Installation Instructions & Template



Lockey 2985, 2945, 2930 Latch Template





2985 NARROW STILE LEVER HANDLE

***WITH PASSAGE FUNCTION**

INSTALLATION INSTRUCTIONS

IMPORTANT INFORMATION ABOUT YOUR DIGITAL 2985

1. The Lockey 2985 is designed for narrow stile prep doors or for configurations with existing narrow stile hardware with 1 1/8" prep. The 2985 can also be installed on new mortise prep doors, 2"x2" gates or chainlink gates.
2. In order to work with Lockey keyless locks, the drive/spindle hole is located on the bottom of the latch. The system operates opposite compared to Adams-Rite style products. The strike may need to be modified.
3. When the door is closed, the system locks **automatically**.
4. From the inside, unlock using the Lever Handle.
5. From the outside, unlock by pressing 'C' (CLEAR), followed by your User Code.

PASSAGE FUNCTION:

The 2985 is equipped with a PASSAGE FUNCTION, allowing you to leave the door unlocked.

-To enable the passage function:

Press 'C' (CLEAR), then 'Y' (PASSAGE), then enter User Code.

-To disable the passage function:

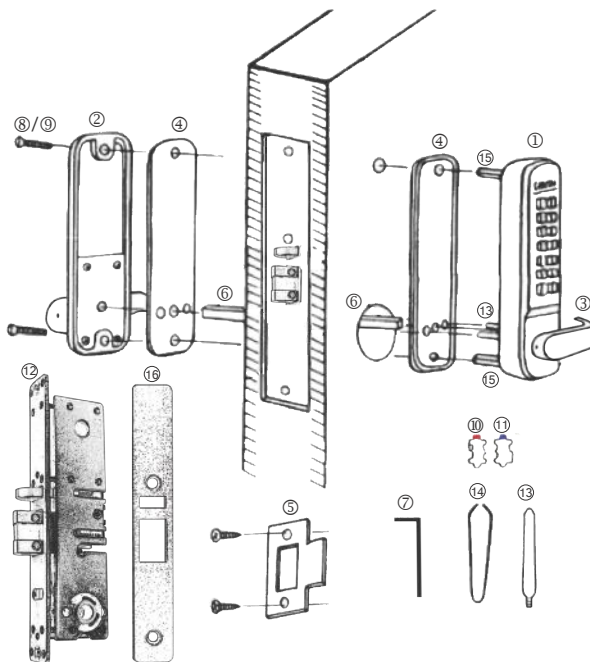
Press 'Y' (PASSAGE), followed by 'C' (CLEAR).

-To disable the passage function PERMANENTLY:

Remove the 'Y' (PASSAGE) tumbler, leaving that slot empty.

IMPORTANT: Always press and hold the 'C' Button when removing and inserting Tumblers. Refer to 'How to Change Code' instructions on reverse side.

No.	Part Name	2985
1	Outside Body	1
2	Inside Body	1
3	Lever Handle	2
4	Rubber Trim Plate	2
5	Strike Plate	1
6	Spindle	1
7	Allen Wrench	1
8	Machine Screw M4 x 40mm	2
9	Machine Screw M4 x 30mm 50mm	1 1
10	Extra Code Tumblers (Red)	1
11	Extra Non-Code Tumblers (Blue)	2
12	Narrow Stile Deadlatch	1
13	Support Pin	2
14	Tweezers	1
15	Hex Bolts	2
16	Faceplate	1



Step 1: Change User Code/Combination (OPTIONAL)

To change user code/combination, see instructions on reverse side.

Step 2: Prep Door for Installation with Template

Place template (supplied) on door and fold along door's edge. Check to ensure proper measurements. Drill holes accordingly.

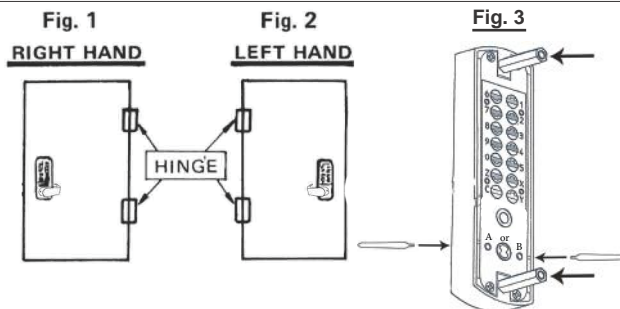
Step 3: Identify Door Handing

Right-Hand Doors – From exterior of door, hinges are on right side (Fig. 1).

Left-Hand Doors – From exterior of door, hinges are on left side (Fig. 2).

Install Support Pin (#13) in position 'A' or position 'B' on the **Outside Body** as shown in Fig. 3. For 2985DC, install extra support pin on the Inside Body.

Now, install/screw Hex Bolts (#15) into the top and bottom of the Outside Body as shown in Fig. 3.



Step 4: Change Latch Handing (if necessary) & Install Latch

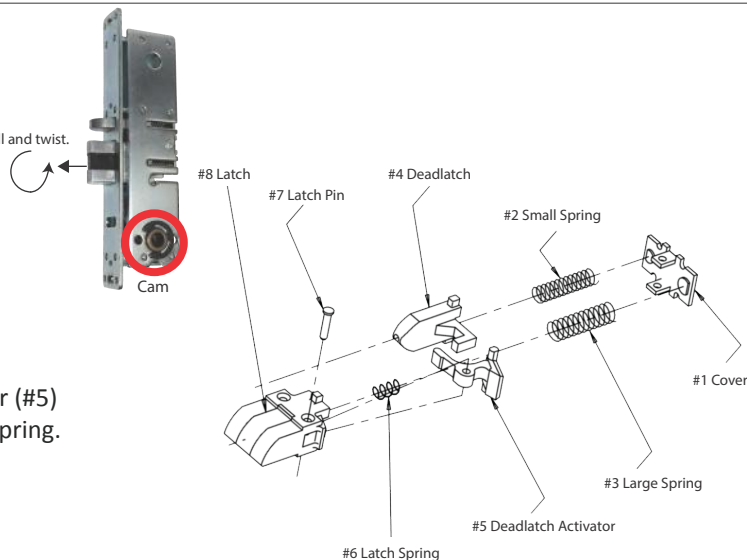
IMPORTANT: Do NOT remove Cam from latch when changing handing.

2985 Cam Position: MUST be on RIGHT side of latch. If latch head is adjustable, pull and twist.

2985 Adjustable Head: Pull latch head and twist.

If latch does not pull and twist, proceed with the following steps:

1. Remove screws from both sides of latch casing.
2. Remove cover and interior springs (#1, #2, #3).
3. Remove latch and deadlatch (#4, #8).
4. Carefully remove Latch Pin (#7) and Latch Spring (#6).
5. Replace the Latch Spring (#6) and then move the Deadlatch Activator (#5) to the opposite side of the latch, ensuring that it depresses the Latch Spring.
6. Replace the Latch Pin.
7. Replace Latch, Deadlatch, Latching Springs and Cover.
8. Secure Screws on each side of the Latch Casing.



Place the Narrow Stile Deadlatch (#12) in the door prep and secure.

Continued on Reverse Side

Updated 3.21.16

INSTALLATION INSTRUCTIONS CONTINUED:

Slip Clutch

Step 5: Install Lever Handles

Using Allen Wrench (#7), install levers to the inside and outside bodies.

Secure with set screws.

Note: Levers should point towards the door hinges.

The 2985 is equipped with a built-in slip clutch lever handle to prevent damage in the event of an attempted forced entry.

If lever handle is in position shown (far right), pull lever back to desired position.

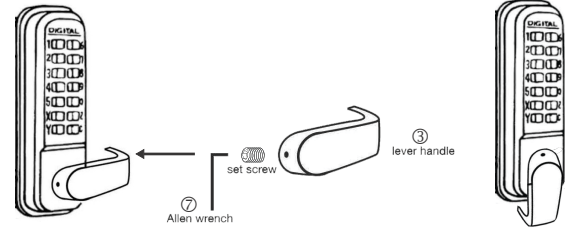


Fig. 6

Step 6: Verify Correct Spindle Length (Fig. 6)

With the Deadlatch installed, hold the Inside Body (#2) and Rubber Trim Plate (#4) to the door.

Place Spindle (#6) through Latch, into the Inside Body, as far as possible.

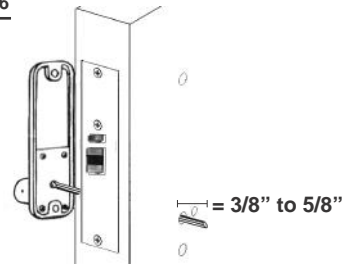
Spindle should extend from exterior of door 3/8" min. to 5/8" max.

If Spindle is too long, cut it to the correct length using pliers.

*IMPORTANT:

If spindle extends less than 3/8" it may not engage the lock.

If spindle extends more than 5/8", it will cause the lock to bind.



Step 7: Install the 2985

Place the Rubber Trim Plate (#4) on the backside of the Outside Body (#1).

Place the Outside Body on the door. The Hex Bolts (#15) should extend into the top and bottom holes.

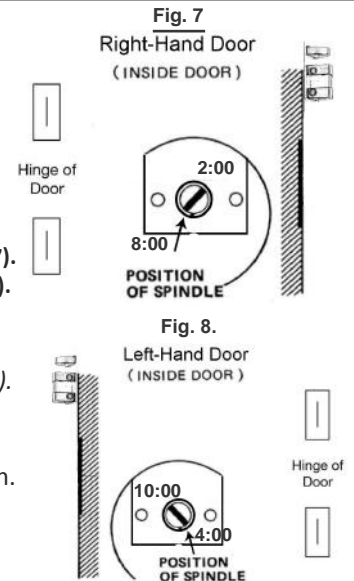
The Support Pin (#13) should extend through the hole in the Latch (#12).

Insert the Spindle (#6) into the Outside Body (#1) ensuring it's in the proper angled position.

*IMPORTANT: SPINDLE POSITION/ANGLE

RIGHT-HAND DOORS: From inside, place spindle through Latch, into the Outside Body in the 2:00/8:00 position (Fig. 7).

LEFT-HAND DOORS: From inside, place spindle through Latch, into the Outside Body in the 10:00/4:00 position (Fig. 8).



Place the Rubber Trim Plate (#4) and Inside Body (#2) on the inside of the door.

Using a screwdriver, secure the lock to the door with Screws (#9) (Screw length dependent on door thickness).

Test the operation of the latch by turning the inside lever.

Locate position where latch strikes door frame and install Strike Plate (#5).

TEST YOUR LOCK: Press 'C' button (clear), followed by your combination. Push lever down and lock will open.

TEST PASSAGE: Press 'C', followed by 'Y', followed by combination. Lock should remain unlocked (passage).

TO LOCK: Push 'Y', followed by 'C'. Lock will remain locked.

After installing and testing the lock, secure Faceplate (#16).

NOTE: If lever handle must be pulled up to unlock, change spindle position/angle (see figures 7 and 8).

If latch sticks: First, make sure Support Pin (#13) is in place. Second, verify correct spindle length (see step 6).

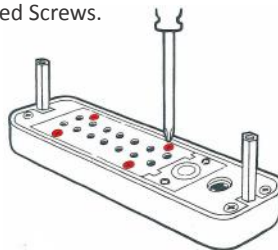


How to Change User Code/Combination

1. Using a #2 screwdriver, remove the four (4) Red Screws.

2. Carefully remove cover plate.

WARNING: Springs are attached to plate.



'C' = CLEAR (DO NOT REMOVE)

'Y' = PASSAGE ('Y' Tumbler may be removed to disable PASSAGE FUNCTION)

3. PRESS & HOLD 'C' BUTTON to release tumblers.

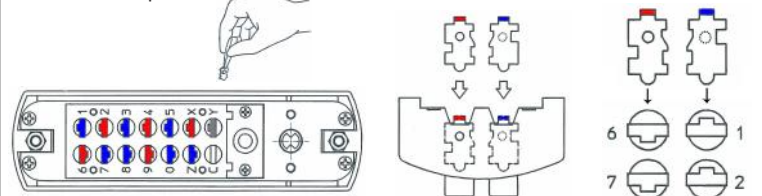
IMPORTANT: 'C' button MUST be pressed and held down when removing and inserting tumblers. Failure to do so will damage the lock and void the warranty.



4. While holding the 'C' BUTTON, remove/add **CODE (Red)** and **NONCODE (Blue)** tumblers to create your desired code.

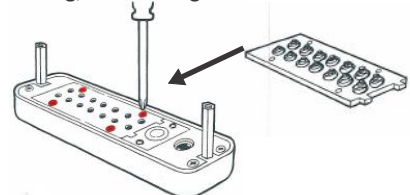
Ex: 3 Red = 3-Digit Code / 6 Red = 6-Digit Code

5. After changing your code, release the 'C' BUTTON to secure the tumblers in place.



6. Replace the cover plate and secure with four (4) Red Screws, using a #2 screwdriver.

7. TEST CODE before installing/re-installing lock.



WARNING:

Do NOT force tumblers into position!

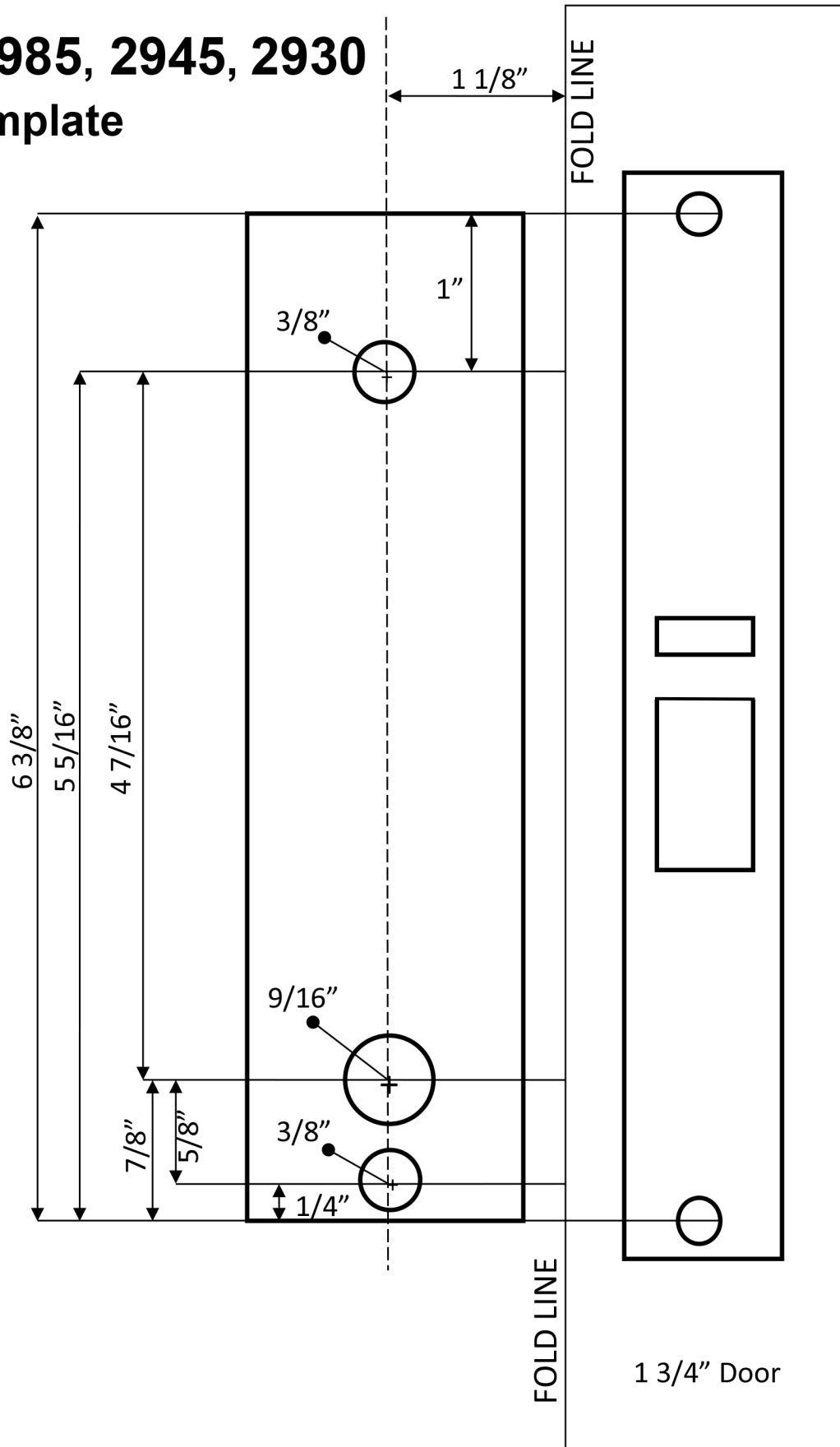
For more helpful tips and installation instructions, visit www.LOCKEYUSA.com

Updated 3.21.16

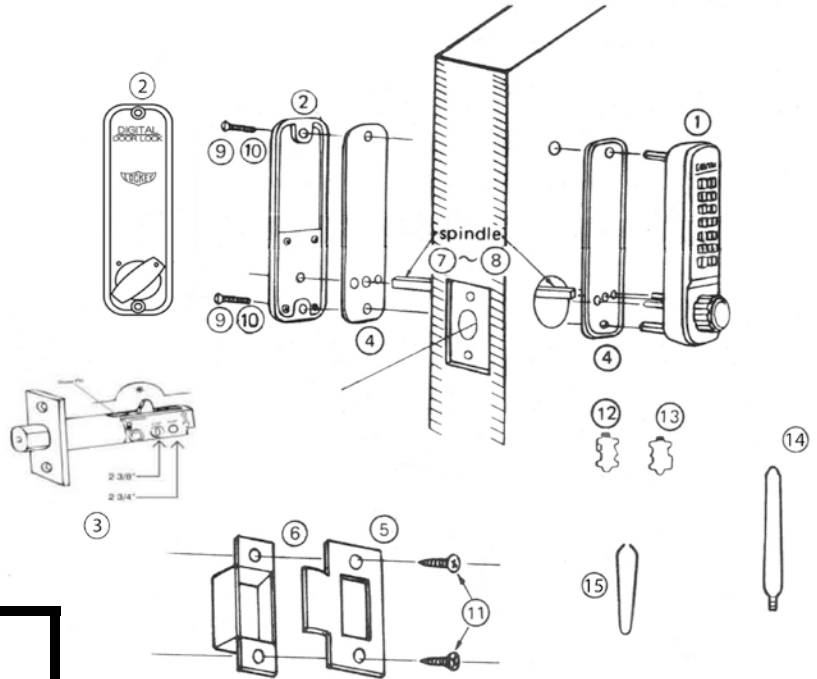
Lockey® 2900 Series
2930 | 2945 | 2985
Installation Instructions & Template



Lockey 2985, 2945, 2930 Latch Template



No.	Part Name	3210
1	Outside Body	1
2	Inside Body	1
3	Adjustable Deadbolt (2 3/8" – 2 3/4")	1
4	Rubber Trim Plate	2
5	Strike Plate	1
6	Mortised Striker	1
7	Spindle 40-55 mm.	2
8	Spindle 30-45 mm.	2
9	Machine Screw M4 x 50 mm.	4
10	Machine Screw M4 x 35 mm.	1
11	Wood Screw M4	2
12	Non-Combination Tumbler	1
13	Combination Tumbler	3
14	Brass Support Pin	2
15	Tweezers	1



Step 1: Change User Code (OPTIONAL)

If you wish to change your code, see instructions on reverse side.

Step 2: Prep Door for Installation with Template

1. Place template (supplied) on door and fold along door's edge.
2. Mark holes for 2 3/8" or 2 3/4" backset.
3. Drill holes as instructed.

NOTE: For Pre-Prepped 2 1/8" doors, you only need to drill top hole.

Step 3: Identify Door Handing

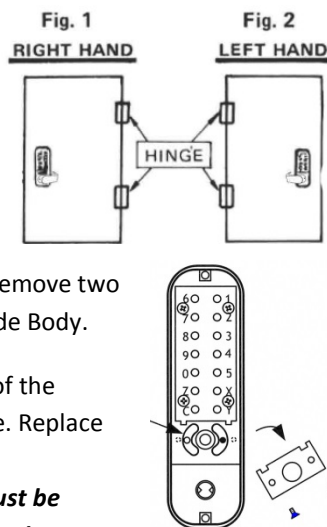
Right-Hand Doors – From exterior of door, hinges are on right-side. (Fig. 1)

Left-Hand Doors – From exterior of door, hinges are on left-side. (Fig. 2)

The 3210 is factory pre-handed for right-hand doors. To change handing, remove two blue screws and cover plate from Outside Body.

Now, move the pin from the right side of the outside body to the hole on the left side. Replace plate and screws.

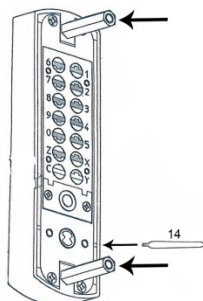
***3210 DC – Inside Body handing pin must be placed on opposite side from Outside Body.**



Step 4: Install Support Pin & Hex Bolts

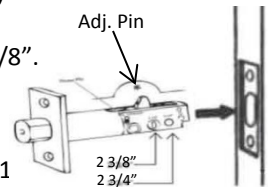
Install Brass Support Pin (#14) into either hole on Outside Body as shown in the figure to the Right [Left].

Install/screw Hex Bolts into the top and bottom of the Outside Body as shown in the figure (Far Right).



Step 5: Adjust Deadbolt (if necessary) & Install

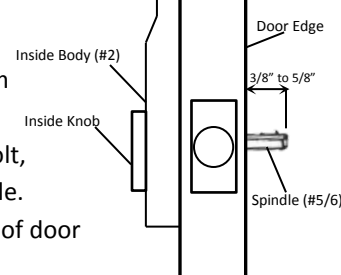
1. Adjustable Deadbolt (#12) is preset to 2 3/8". To adjust, lift pin and slide to 2 3/4".
2. With arrow pointed UP, insert Deadbolt and secure with two (2) Wood Screws (#11)



Step 6: Verify Correct Spindle Length

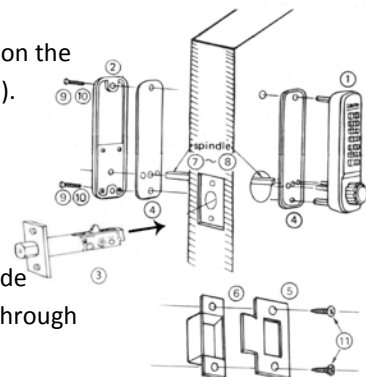
1. With deadbolt (#3) installed, hold the Inside Body (#2) and Rubber Trim Plate (#4) to the door.
2. Place Spindle (#7/8) through Deadbolt, into the Inside Body, as far as possible.
3. Spindle should extend from exterior of door 3/8" min. – 5/8" max.
4. If the 30-45 mm (#8) is too long, cut it to the correct length.

IMPORTANT: If spindle extends less than 3/8" it may not engage the lock. If spindle extends more than 5/8", it will cause the lock to bind.



Step 7: Install the DIGITAL 3210

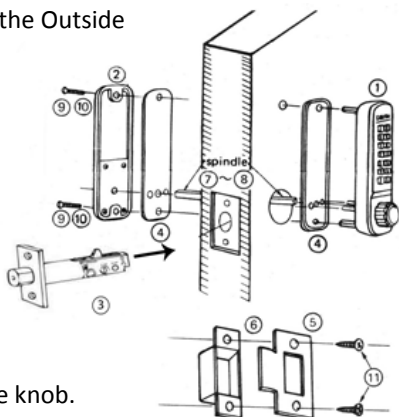
5. Place the Rubber Trim Plate (#4) on the backside of the Outside Body (#1).
6. Place the Outside Body on the door. The hexagonal bolts should extend into the top and bottom holes.
7. The Support Pin (#14) on the Inside Body should fit into and extend through the hole in the Deadbolt (#3).



INSTRUCTIONS CONTINUED ON REVERSE SIDE

Step 7 cont: Install the DIGITAL 3210

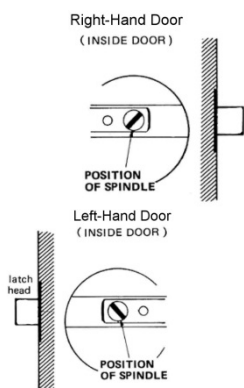
1. Insert the Spindle (#7/8) into the Outside Body (#1) ensuring it's in the proper angled position.
**(SEE FIGURES BELOW)*
2. Using a screwdriver, secure the lock to the door with the Screws (#9 or #10).
Screw length dependent on door thickness.
3. Test the operation of the Deadbolt by turning the inside knob.
4. Locate position where Deadbolt strikes door frame
And install Mortised Strike (#4).



*IMPORTANT: SPINDLE POSITION/ANGLE

RIGHT-HAND DOORS: From inside, place spindle through Deadbolt, into the Outside Body (#1) in the 2:00/8:00 position as shown to right.

LEFT-HAND DOORS: From inside, place spindle through Deadbolt, into the Outside Body (#1) in the 10:00/4:00 position as shown to right.



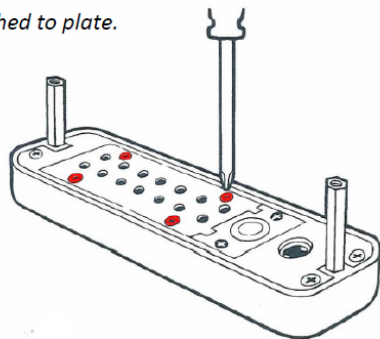
LOCKEY

USA

www.LOCKEYUSA.com

3000 SERIES HOW TO CHANGE CODE

1. Using a #2 screwdriver, remove the four (4) Red Screws.
2. Carefully remove cover plate.
WARNING: Springs are attached to plate.

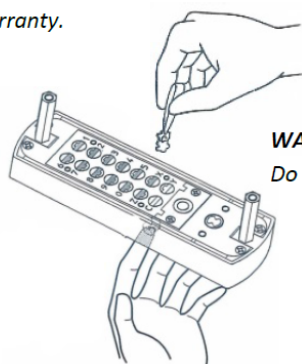


RED = CODE TUMBLERS

BLUE = NON-CODE TUMBLERS

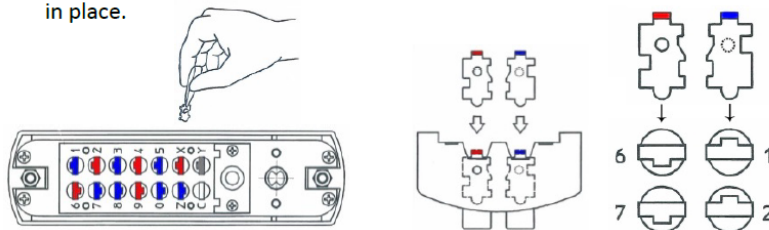
'C' = CLEAR (DO NOT REMOVE)

3. PRESS & HOLD 'C' BUTTON to release tumblers.
IMPORTANT: 'C' Button must be pressed and held down when removing and inserting tumblers. Failure to do so will damage the lock and void the warranty.

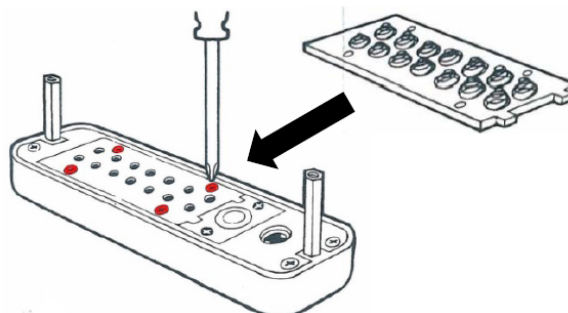


WARNING:
Do NOT force tumblers into position!

4. While holding the 'C' BUTTON, remove/add **CODE (Red)** and **NON-CODE (Blue)** Tumblers to create your desired code.
Ex: 3 Red = 3-Digit Code / 6 Red = 6-Digit Code
IMPORTANT: Ensure notched side of tumbler fits into slot. (Below – Far Right).
5. After changing your code, release the 'C' BUTTON to secure the tumblers in place.



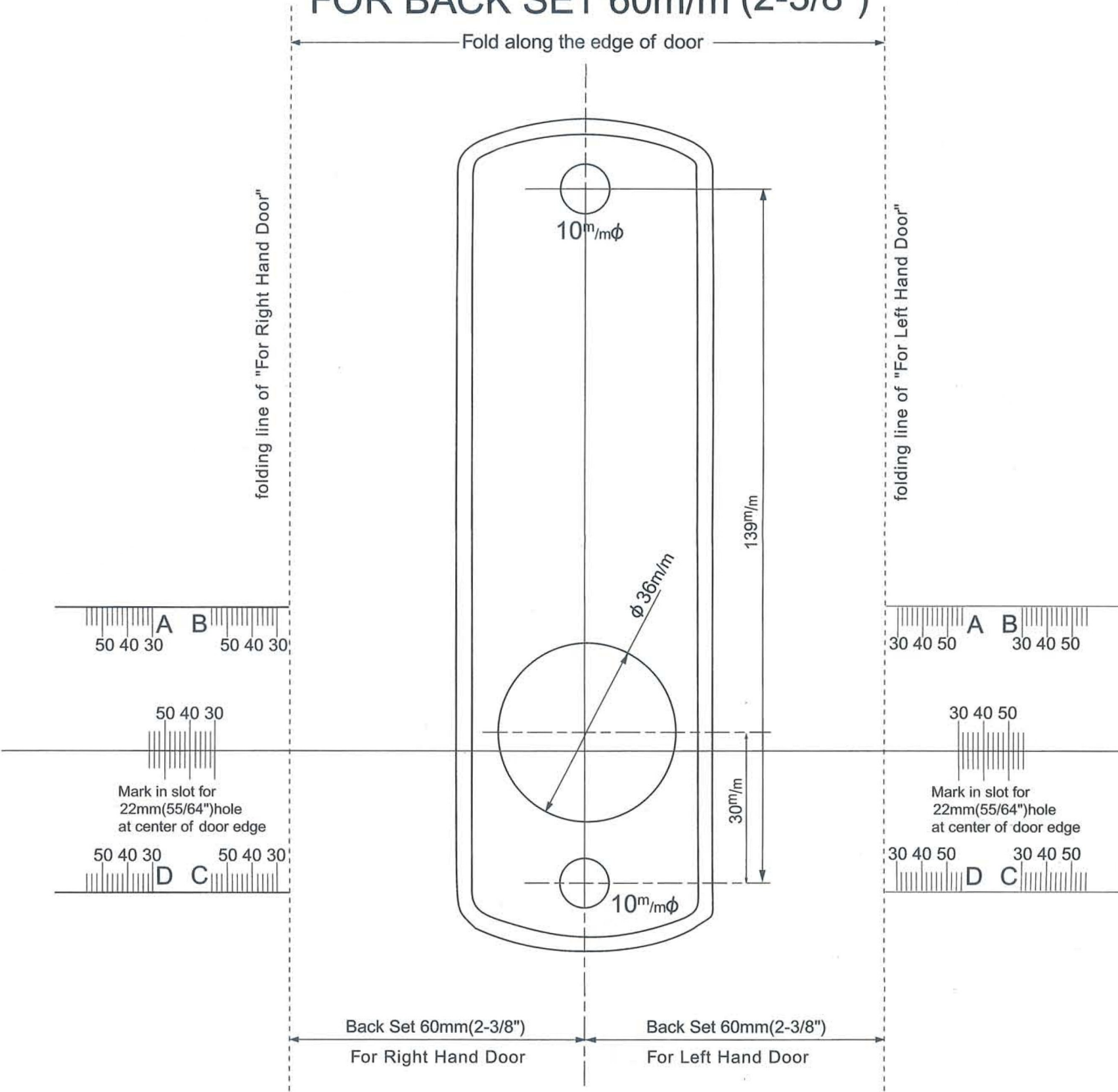
6. Replace the cover plate and secure with four (4) Red Screws, using a #2 screwdriver.
7. TEST CODE before installing/re-installing lock.



Template may not print at 100% accuracy. Please verify measurements are correct before drilling holes.

TEMPLATE NO.3210

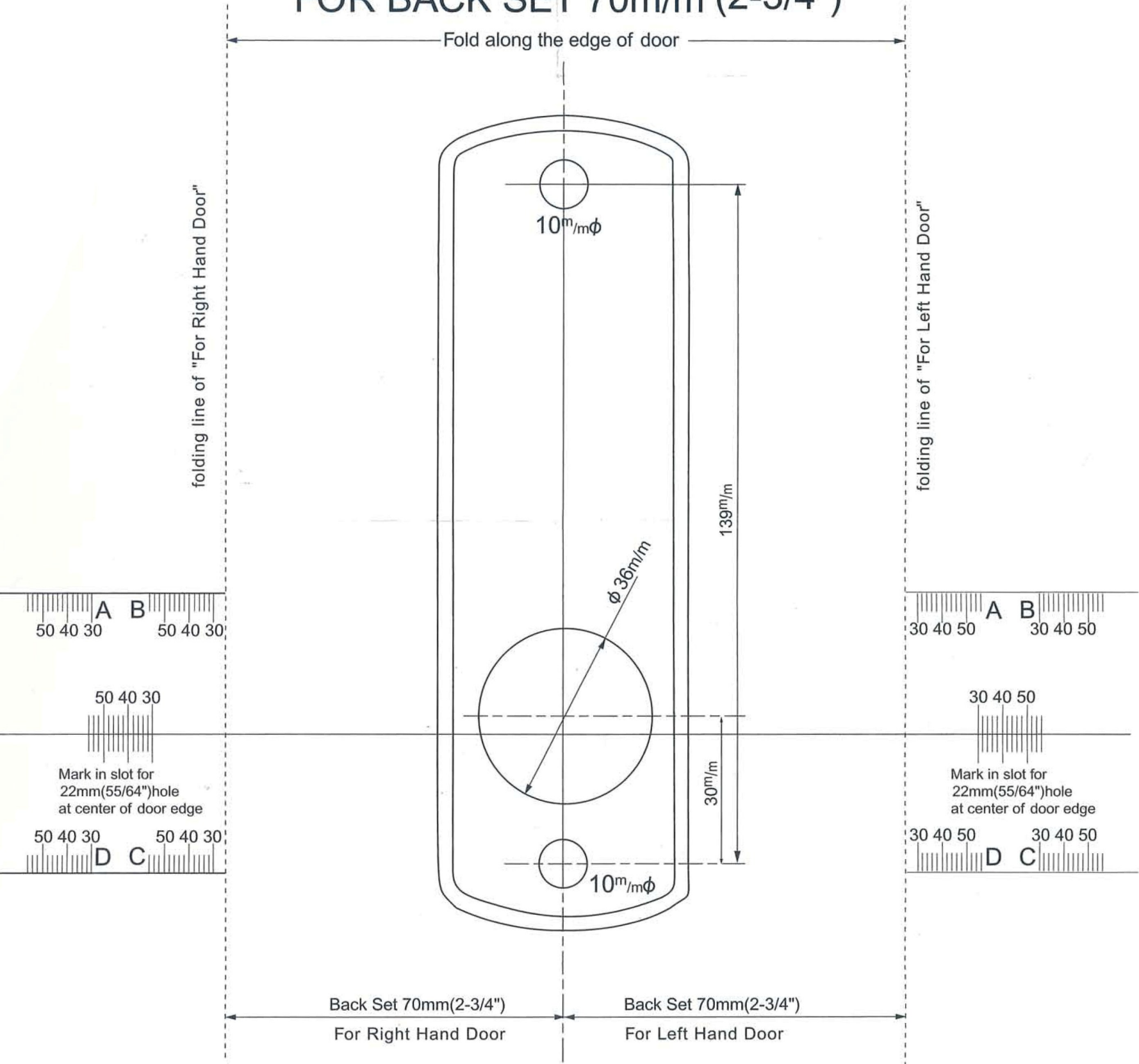
FOR BACK SET 60m/m (2-3/8")



Template may not print at 100% accuracy. Please verify measurements are correct before drilling holes.

TEMPLATE NO.3210

FOR BACK SET 70mm (2-3/4")



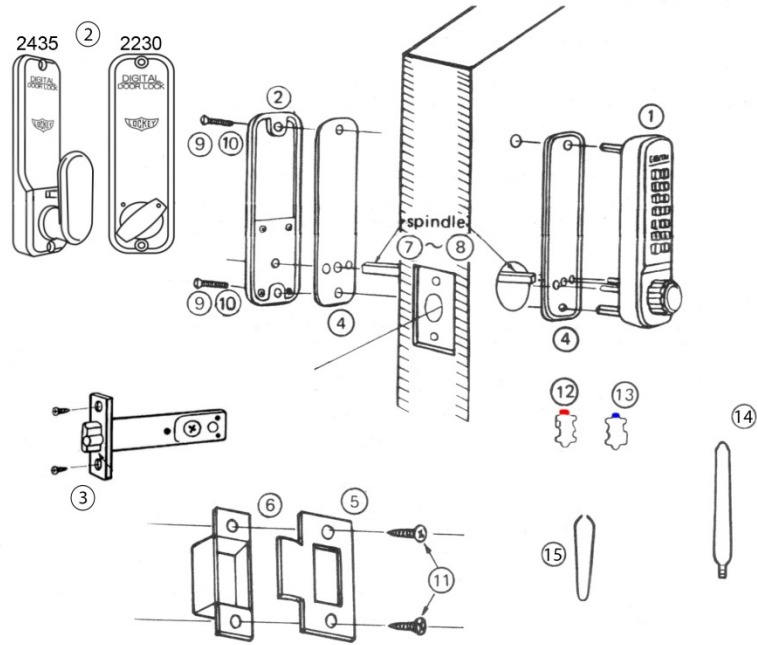
LOCKEY 2230 | 2435 | 3230

INSTALLATION INSTRUCTIONS

2230 | 2230 DC | 2435 | 3230 | 3230 DC



No.	Part Name	2230 2435
1	Outside Body	1
2	Inside Body	1
3	Deadlatch (2 3/8" - 2 3/4")	1
4	Rubber Trim Plate	2
5	Strike Plate	1
6	Mortised Striker	1
7	Spindle 40-55mm.	1
8	Spindle 30-45 mm.	1
9	Machine Screw M4 x 50 mm.	2
10	Machine Screw M4 x 35 mm.	2
11	Wood Screws M4	4
12	Extra Code Tumblers (Red)	1
13	Extra Non-Code Tumblers (Blue)	2
14	Brass Support Pin	1
15	Tweezers	1



Step 1: Change User Code (OPTIONAL)

If you wish to change your code, see instructions on reverse side.

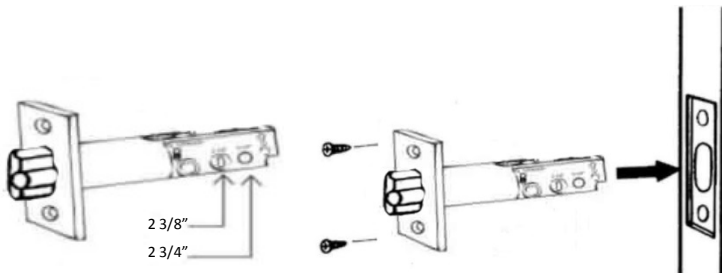
Step 2: Prep Door for Installation with Template

1. Place template (supplied) on door and fold along door's edge.
2. Mark holes for 2 3/8" or 2 3/4" backset.
3. Drill holes as instructed.

NOTE: For Pre-Prepped 2 1/8" doors, you only need to drill top hole.

Step 3: Adjust Latch (if necessary) & Install

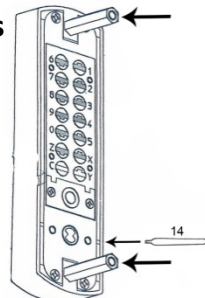
1. Adjustable latch (#3) is factory preset for a 2 3/8" backset.
2. For 2 3/4" backsets, slide the Cam assembly on the latch to 2 3/4".
3. Insert latch into door and secure with Wood Screws (#11).



Step 4: Install Support Pin & Hex Bolts

Install Brass Support Pin (#14) into either hole on Outside Body as shown in the figure to the Right.

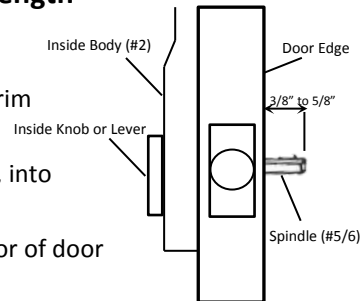
Install/screw Hex Bolts into the top and bottom of the Outside Body as shown in the figure.



Step 5: Verify Correct Spindle Length

1. With latch (#3) installed, hold the Inside Body (#2) and Rubber Trim Plate (#4) to the door.
2. Place Spindle (#7/8) through latch, into the Inside Body, as far as possible.
3. Spindle should extend from exterior of door 3/8" min. - 5/8" max.
4. If the 30-45 mm (#8) is too long, cut it to the correct length.

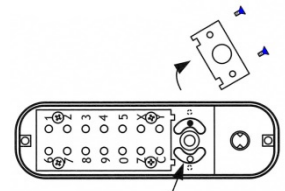
IMPORTANT: If spindle extends less than 3/8" it may not engage the lock. If spindle extends more than 5/8", it will cause the lock to bind.



Step 6: Determine Knob Turn Direction (to unlock)

The lock is preset to unlock when turned clockwise after combination is entered.

If desired, you can unlock the door with a counter-clockwise turn. Remove the two blue screws and move the pin to the opposite side as shown.

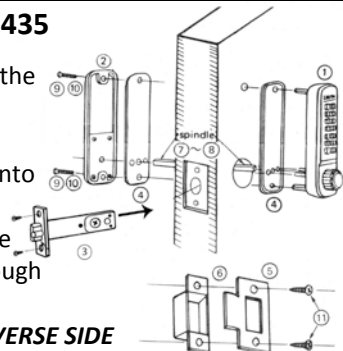


*2230 DC – Inside Body pin must on opposite side from Outside Body.

Step 7: Install the Lockey 2230/2435

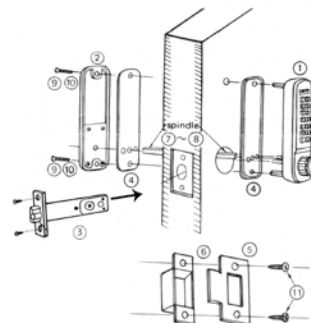
1. Place the Rubber Trim Plate (#3) on the backside of the Outside Body (#1).
2. Place the Outside Body on the door. The hexagonal bolts should extend into the top and bottom holes.
3. The Support Pin (#14) on the Outside Body should fit into and extend through the hole in the Latch (#3).

INSTRUCTIONS CONTINUED ON REVERSE SIDE



Step 7 cont: Install the Lockey 2230/2435

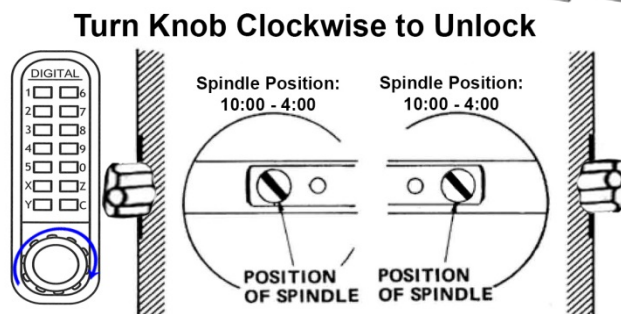
1. Insert the Spindle (#7/8) into the Outside Body (#1) ensuring it's in the proper angled position.
**(SEE FIGURES BELOW)*
2. Using a screwdriver, secure the lock to the door with the Screws (#9 or #10).
Screw length is dependent on door thickness.
3. Test the operation of the Latch by turning the inside knob/lever.
4. Locate position where Latch strikes door frame and install Mortised Strike (#5) and Strike Plate (#6).



*IMPORTANT: SPINDLE POSITION/ANGLE

CLOCKWISE TURN TO UNLOCK WITH COMBINATION

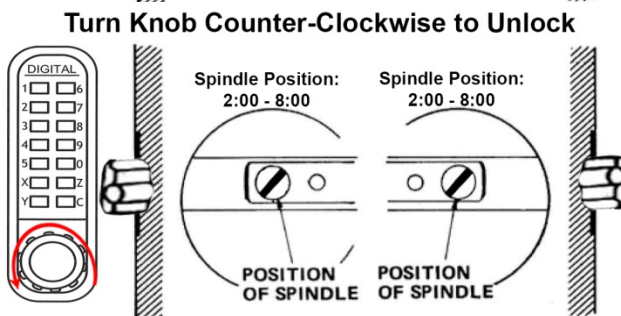
The 2230/2435 is factory preset to unlock with a clockwise turn when the combination is entered. The Spindle MUST be placed through the latch, at a 10:00 – 4:00 angle as shown.



COUNTER-CLOCKWISE TURN TO UNLOCK WITH COMBINATION

If desired, the 2230/2435 can be unlocked with a counter-clockwise turn when the combination is entered. To unlock the 2230/2435 with a counter-clockwise turn, please refer to Step 6 to change the Handing Pin.

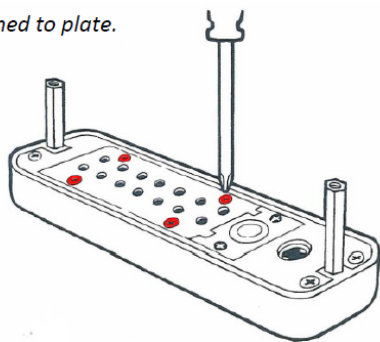
After changing the Handing Pin, the Spindle MUST be placed through the latch at a 2:00 – 8:00 angle as shown.



LOCKEY 2000 SERIES HOW TO CHANGE CODE



1. Using a #2 screwdriver, remove the four (4) Red Screws.
2. Carefully remove cover plate.
WARNING: Springs are attached to plate.

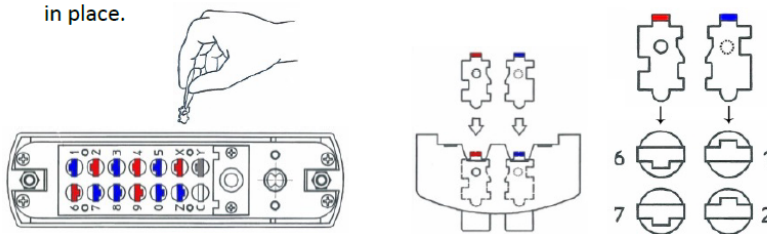


RED = CODE TUMBLERS

BLUE = NON-CODE TUMBLERS

'C' = CLEAR (DO NOT REMOVE)

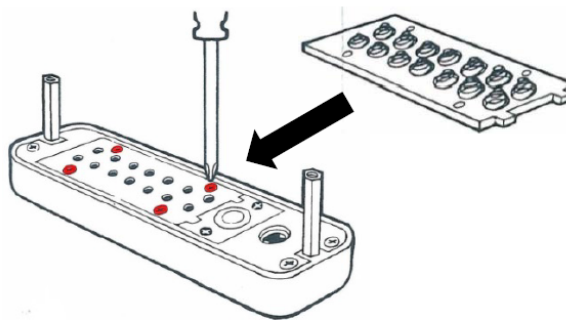
4. While holding the 'C' BUTTON, remove/add CODE (Red) and NON-CODE (Blue) Tumblers to create your desired code.
Ex: 3 Red = 3-Digit Code / 6 Red = 6-Digit Code
IMPORTANT: Ensure notched side of tumbler fits into slot. (Below – Far Right).
5. After changing your code, release the 'C' BUTTON to secure the tumblers in place.



3. PRESS & HOLD 'C' BUTTON to release tumblers.
IMPORTANT: 'C' Button must be pressed and held down when removing and inserting tumblers. Failure to do so will damage the lock and void the warranty.



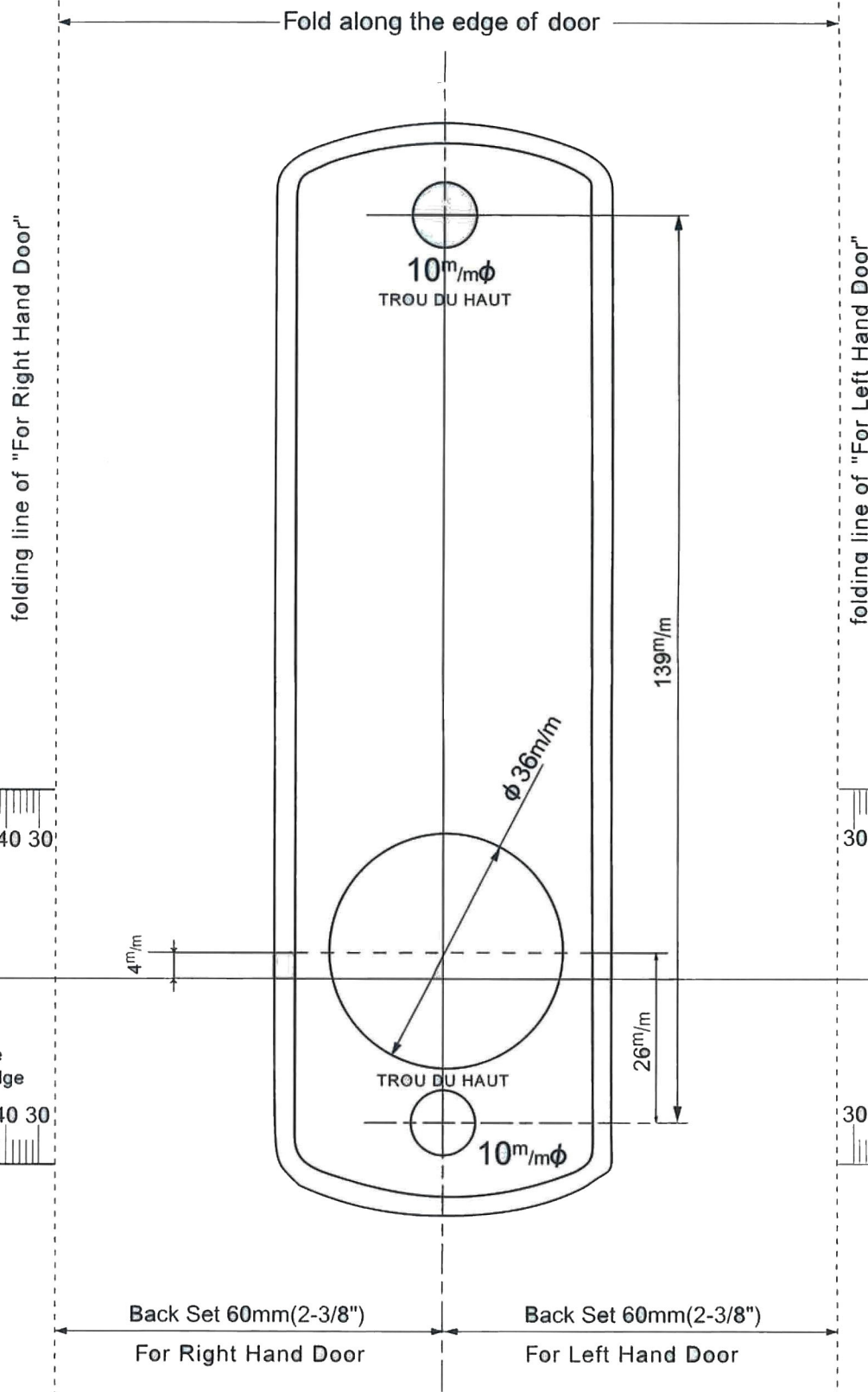
6. Replace the cover plate and secure with four (4) Red Screws, using a #2 screwdriver.
7. TEST CODE before installing/re-installing lock.



DIGITAL DOOR LOCK ((DX TYPE))

TEMPLATE NO.3230/3235

FOR BACK SET 60m/m (2-3/8")



50 40 30 A B 50 40 30

50 40 30

Mark in slot for
22mm (55/64") hole
at center of door edge

50 40 30 D C 50 40 30

30 40 50 A B 30 40 50

30 40 50

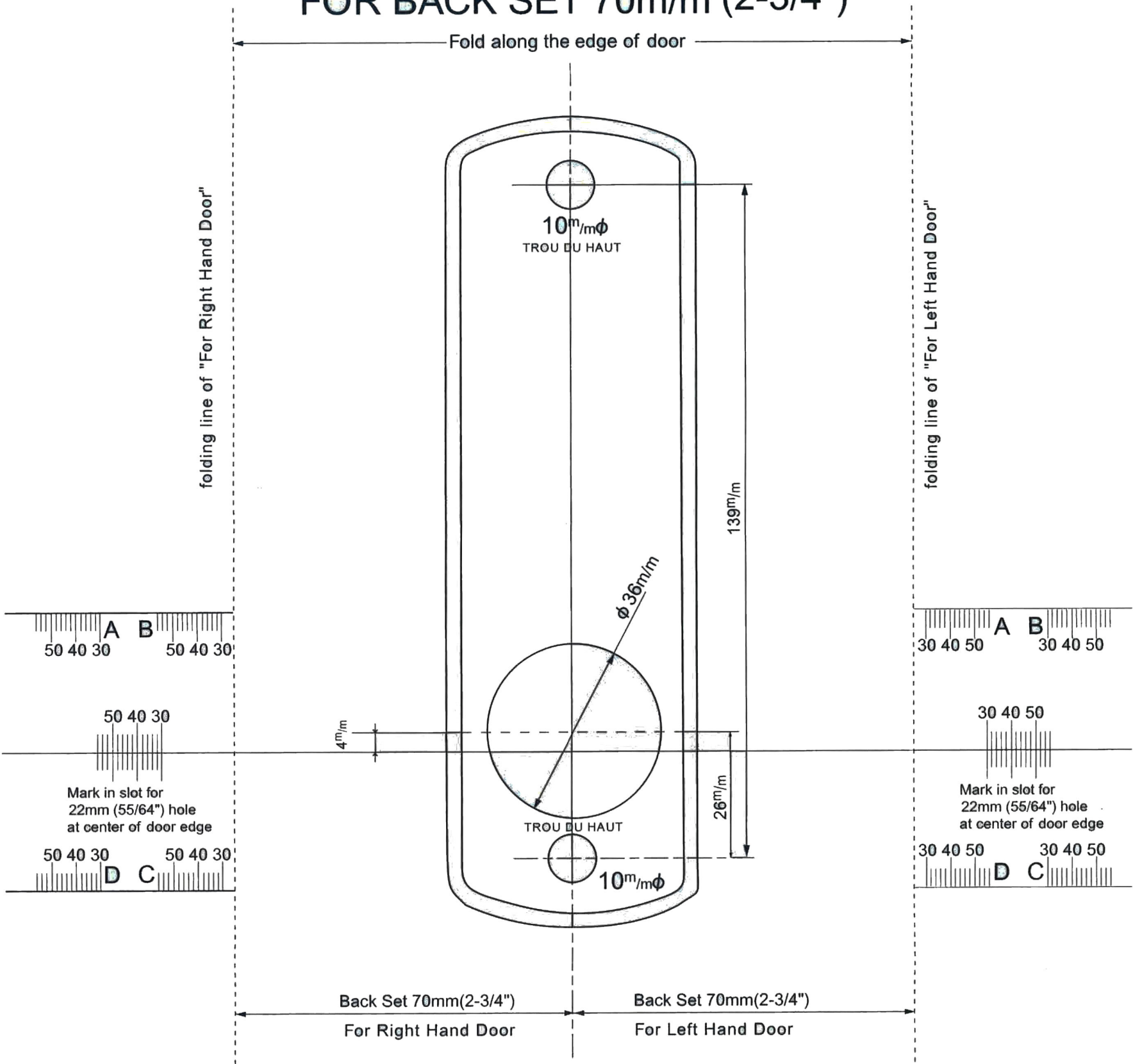
Mark in slot for
22mm (55/64") hole
at center of door edge

30 40 50 D C 30 40 50

DIGITAL DOOR LOCK ((DX TYPE))

TEMPLATE NO.3230/3235

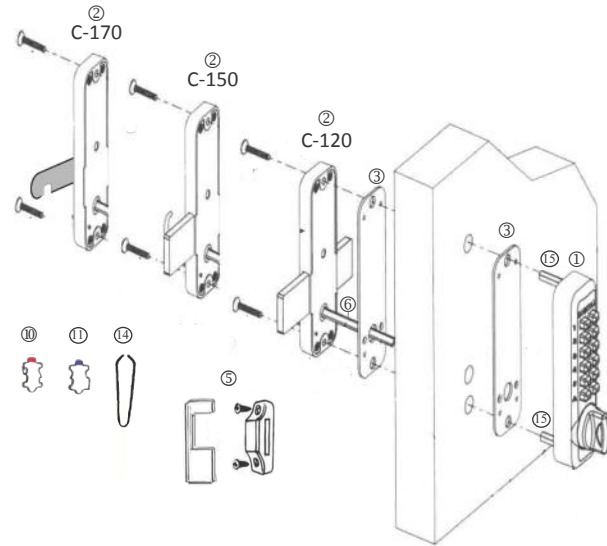
FOR BACK SET 70m/m (2-3/4")





C-SERIES (C-120, C-150, C-170) INSTALLATION INSTRUCTIONS

No.	Part Name	C-120	C-150	C-170
1	Outside Body	1	1	1
2	Inside Body	1	1	1
3	Rubber Trim Plate	2	2	2
4	Mortised Striker (not shown)	1	1	0
5	Surface Strike Plate	1	1	0
6	Spindle	3	3	1
7	Machine Screws M4 x 30, 35 & 40mm	1 1 1	1 1 1	1 1 1
8	Machine Screw M5 x 20mm	2	2	2
9	Wood Screw M4 x 16mm	2	2	0
10	Extra Code Tumblers (Red)	1	1	1
11	Extra Non-Code Tumblers (Blue)	2	2	2
12	Thin Door Kit (TDK) (not shown)	1	1	1
13	Spacers (not shown)	3	3	3
14	Tweezers	1	1	1
15	Hex Bolts	2	2	2



Step 1: Change User Code/Combination (OPTIONAL)

To change user code/combination, see instructions on reverse side.

Step 2: Prep Door for Installation with Template

Place template (supplied) on door and fold along door's edge.

Depending on door configuration, you may need to change handing and/or reverse the bar (C-120) from long to short. See Steps 3 & 4. Drill holes as instructed and mark location for Strike.

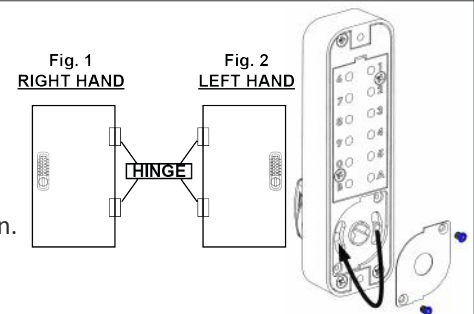
Step 3: Identify Door Handing

Right-Hand Doors – From exterior of door, hinges are on right-side (Fig. 1).

Left-Hand Doors – From exterior of door, hinges are on left-side (Fig. 2).

The C-120, C-150 and C-170 are factory pre-handed for right-hand doors.

To change handing, remove the two blue screws and cover plate from Outside Body (#1) as shown. Next, move the pin from the right side of the Outside Body (#1) to the hole on the left side. Replace plate and screws.



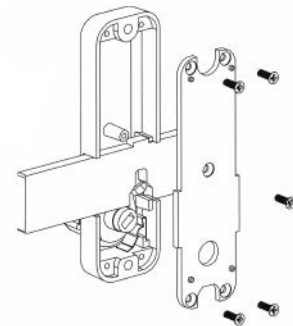
Step 4: Adjust Deadbolt Length (C-120 ONLY, if necessary)

Depending on door configuration, you may need to reverse the bar from long to short.

Remove silver screws and plate from the Inside Body (#2).

Reverse the bar.

Replace plate and secure with silver screws.



Step 5: Verify Correct Spindle Length

Hold the Inside Body (#2) and Rubber Trim Plate (#3) to the door.

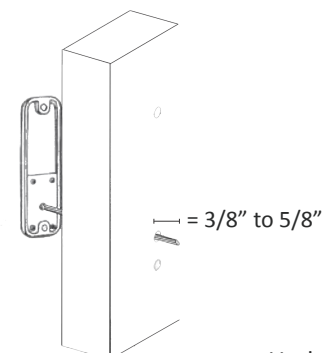
Place Spindle (#6) through door into the Inside Body (#2), as far as possible.

Spindle (#6) should extend from exterior of door 3/8" minimum to 5/8" maximum.

If Spindle (#6) is too long, cut it to the correct length using pliers.

IMPORTANT: If Spindle (#6) extends less than 3/8", it may not engage the lock.

If Spindle (#6) extends more than 5/8", it will cause the lock to bind.



Step 6: Installation

Place the Rubber Trim Plate (#3) on the backside of the Outside Body (#1).
Place the Outside Body (#1) on the door. The Hex Bolts (#15) should extend into the top and bottom holes.
Insert the Spindle (#6) through the door into the spindle hole on the Outside Body (#1).

Place the Rubber Trim Plate (#3) on the backside of the Inside Body (#2).
Place the Inside Body (#2) to the door ensuring that the Spindle (#6) is inserted into the spindle hole.
If the Inside Body is not flush with the Surface Strike (#5) location, use Spacers (#13) to make Inside Body flush with Strike location.
NOTE: If Spacers do not make Inside Body flush with Strike location, you may need to trim the door jamb or mortise the strike.

Insert screws into the top and bottom holes of the Inside Body and secure with a screwdriver.
Test the lock to ensure the Deadbolt/Hookbolt is retracting correctly when turning the inside/outside knob.
Install Strike Plate (#5) (C-120 & C-150 only) in proper position and secure with Wood Screws (#9).

Step 7: For Doors Under 1" Thick (if necessary)

For doors under 1" thick, you will need to cut the Spindle (#6) to the appropriate size. See Step 5 to verify correct spindle length.
Remove Hex Bolts (#15) and use M5 Screws supplied in Thin Door Kit packet to secure lock to door.

Step 8: Using the C-Series Lock

From Outside:

The door will LOCK by turning the thumbturn to extend the deadbolt/hookbolt.

To UNLOCK, turn the thumbturn to clear the lock, enter the combination and turn the thumbturn to retract the deadbolt/hookbolt.

NOTE: If the deadbolt/hookbolt retracts without combination and requires a combination to lock (extend), you may need to change handing. See Step 3.

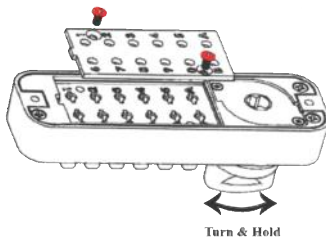
From Inside:

The door will LOCK and UNLOCK by turning the thumbturn to extend or retract the deadbolt/hookbolt.

✂ SAVE — — — — — How to Change User Code/Combination

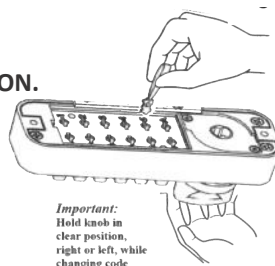
1. Using a #2 screwdriver, remove the two (2) Red Screws.
2. Carefully remove cover plate.

WARNING: Springs are attached to plate.

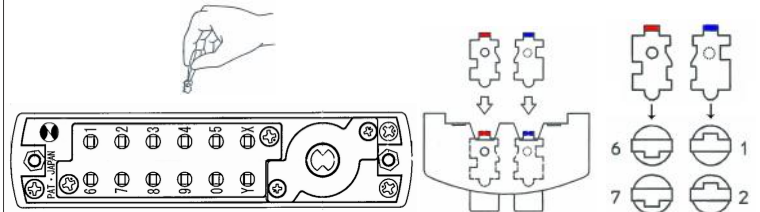


3. TURN & HOLD thumb-turn to right or left 90° to release tumblers.
IMPORTANT: THUMB-TURN MUST be turned 90° and held when removing and inserting tumblers. Failure to do so will damage the lock and void the warranty.

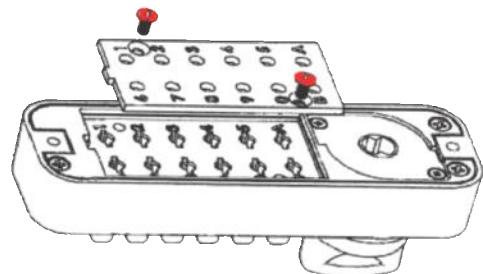
WARNING:
Do NOT force tumblers into position!
TURNING THUMBTURN 90° = CLEAR POSITION.



4. With the thumb-turn held 90° to right or left, remove/add **CODE (Red)** and **NONCODE (Blue)** tumblers to create the desired code.
Ex: 3 Red = 3-Digit Code / 6 Red = 6-Digit Code
5. After changing your code, release the thumb-turn to secure the tumblers in place.

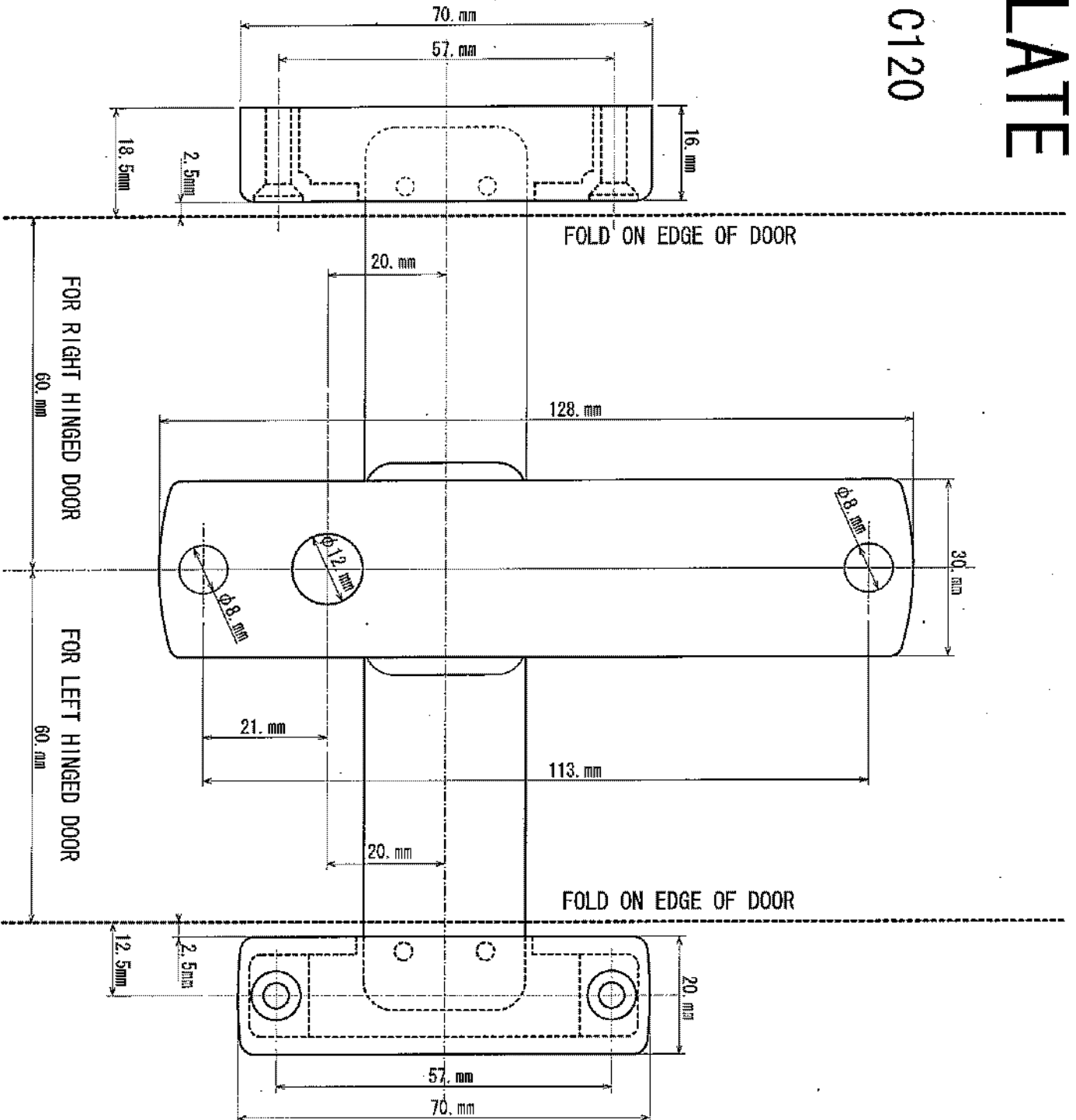


6. Replace the cover plate and secure with two (2) Red Screws, using a #2 screwdriver.
7. TEST CODE before installing/re-installing lock.



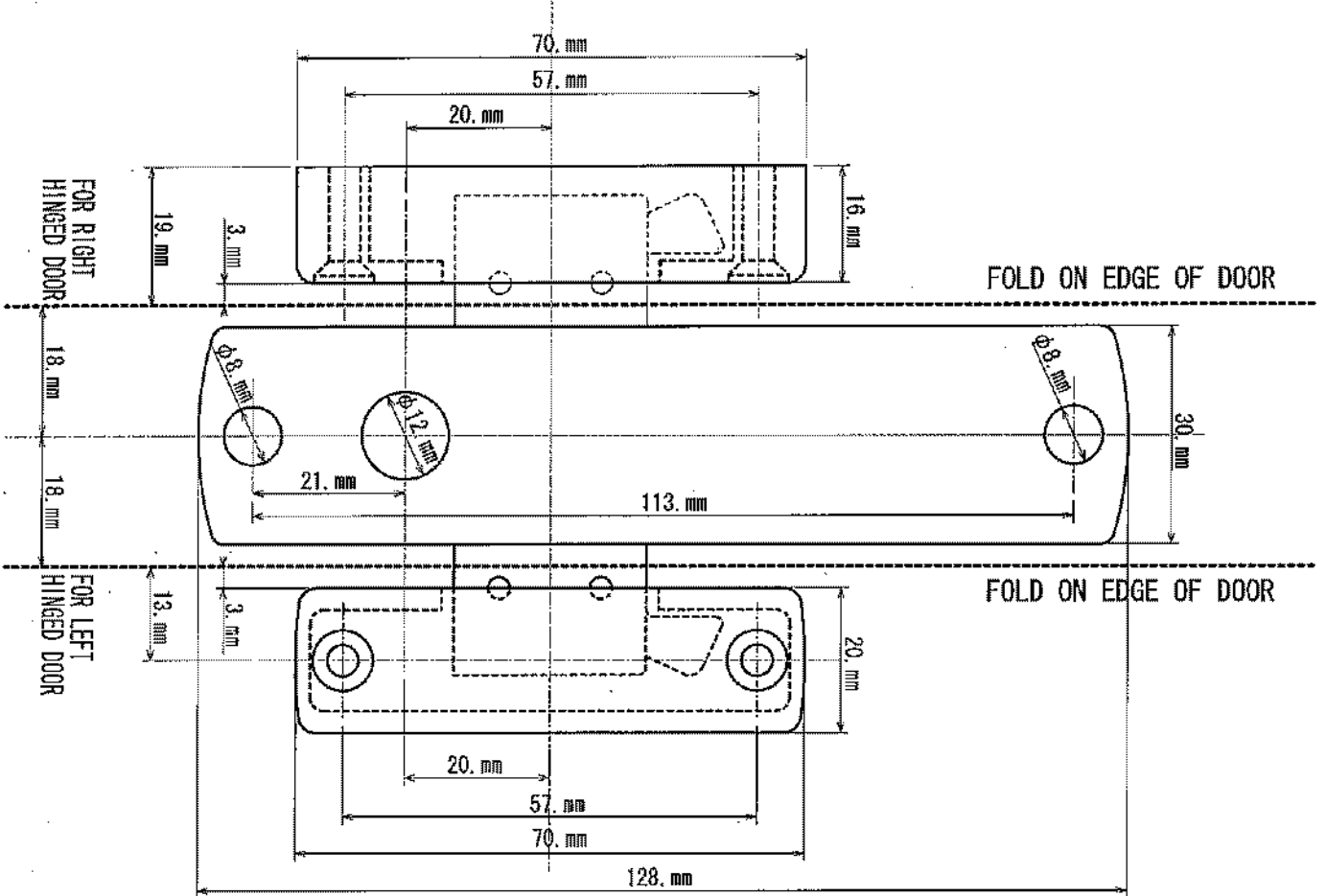
TEMPLATE

C120



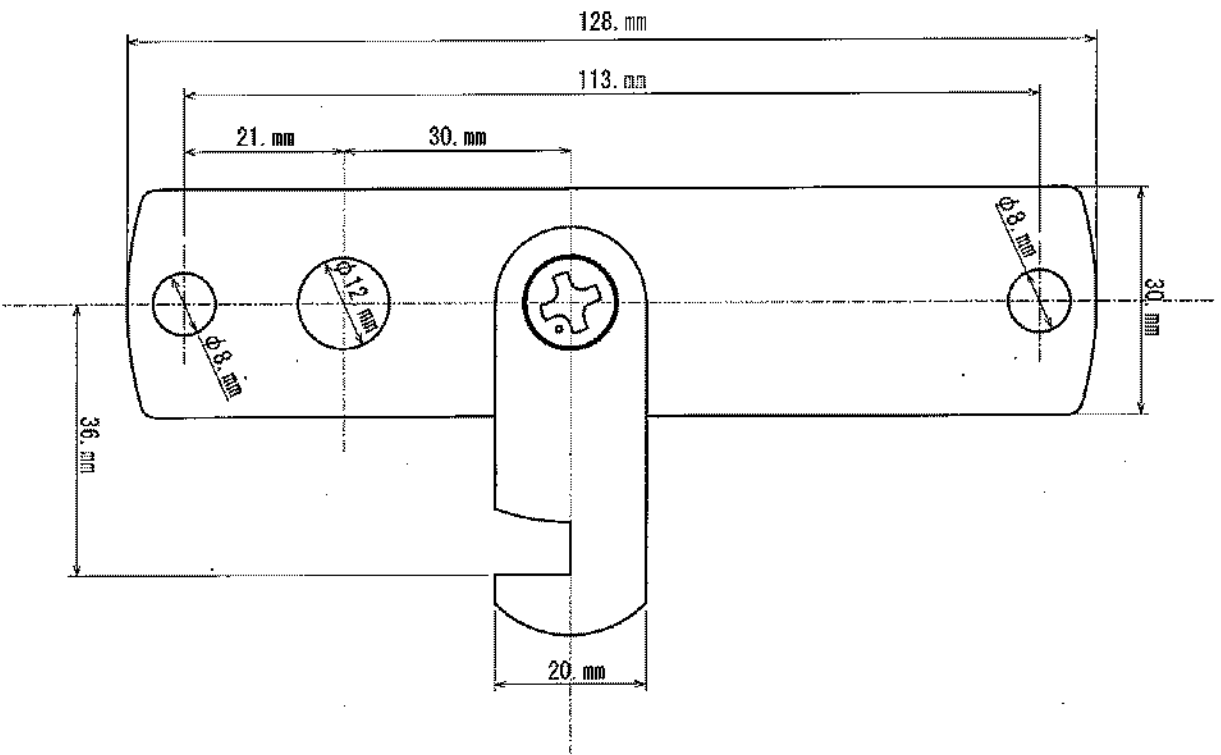
TEMPLATE

C150



TEMPLATE

C170





Lockey P-Series

Installation Instructions for Keyless Panic Trims

310-P | 230-P | 285-P | 115-P | 160-P

Parts List	310-P	230-P	285-P	115-P	160-P
Outside Body	1	1	1	1	1
Rubber Escutcheon	1	1	1	1	1
Hex Bolts	2	2	2	4	4
Flat Spindle	1	1	N/A	N/A	1
Twisted Spindle (35°) (R/L)	2	2	N/A	2	N/A
Twisted Spindle (45°) (R/L)	N/A	N/A	2	N/A	N/A
30 mm. Screws	2	2	2	4	4
40 mm. Screws	2	2	2	4	4
Non-Combination Tumblers (Blue)	2	2	2	2	2
Combination Tumblers (Red)	2	2	2	2	2
Finish Washers	2	2	2	4	4
Tweezers	1	1	1	1	1

Lockey P-Series Keyless Locks are designed to replace the keyed cylinder on panic exits. P-Series locks are compatible with **MOST** panic bars requiring a turn radius of 90 degrees or less. Modifications may be required for the locks to operate with some panic bars.

1.) SET CODE/COMBINATION (310-P, 285-P, 115-P, 160-P)

Before installing the lock on the door, set the combination to your desired code. Use the *How to Change Code* instructions (included) to change the code.

IMPORTANT FOR CHANGING CODE

When removing and inserting Tumblers, ALWAYS PRESS AND HOLD the “C” Button (clear).

PASSAGE FUNCTION

The 115-P and 285-P are equipped with a Passage Function. To use the Passage Function, push “C” to clear the lock and then “R” (115-P) or “Y” (285-P), followed by your User Code. To clear the Passage Mode, press “Y” or “R” followed by “C”.

To disable the Passage Function, remove the “R” (115-P) or “Y” (285-P) Tumbler, leaving the slot empty.

2.) INSTALLATION

- 1.) After the panic bar is installed on the door, determine the center of the tailpiece hole on the outside of the door.
- 2.) Place the template (included) over the center hole. Mark the top and bottom mounting holes to mount the lock body on the door.
- 3.) Drill mounting holes.
 - a. NEW INSTALLATION – Drill 3/8” mounting holes at the top and bottom, and a 1/2” (*minimum*) hole to accommodate the tailpiece.
 - b. RETRO-FITTING – If the existing hole is 2” or less, proceed with Step 4. If the existing hole is larger than 2” you may need to purchase a Lockey T-Metal or T-Cover plate to accommodate the lock.
- 4.) Place the rubber escutcheon on the back of the lock body and mount the lock on the door using the supplied Finish Washers and Screws.
- 5.) After the lock is mounted on the door, place the proper spindle into the center (spindle) hole. You may need to use the right or left twist depending on the knob/lever turn direction.

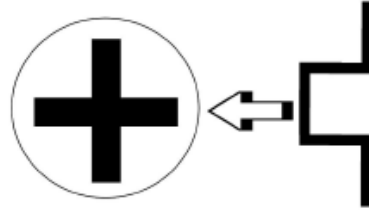
IMPORTANT:

Some panic bars, including DETEX, require the use of the U-Shaped Clip (included) to restrict the tailpiece from extending through the tailpiece receiver (*see instructions on reverse side*).

Lockey P-Series - U-Shaped Clip Instructions

To properly install Lockey P-Series systems, you may need to use the supplied U-Shaped Clip in order to restrict the tailpiece from extending through the cross-shaped tailpiece acceptor. If the tailpiece extends beyond the tailpiece acceptor into the panic bar, the system may not function. The U-Shaped Clip is not needed on all panic devices, but is recommended for DETEX.

- 1.) Place U-Shaped Clip into the cross-shaped tailpiece acceptor ensuring that the clip sits flush inside the tailpiece acceptor.
- 2.) Insert supplied tailpiece into the tailpiece acceptor ensuring that the U-Shaped Clip restricts the tailpiece from extending through the tailpiece acceptor.



Note: You may need to cut the tailpiece to ensure that it is the proper length for the lock.

DO NOT cut the twisted end of the tailpiece. In some cases, you may also need to modify the tailpiece to create additional twist so that the tailpiece fully engages the panic device.

- 4.) Proceed with standard installation instructions.

Note: The U-Shaped Clip is included with all Lockey P-Series systems, but is **not** needed on all panic devices. However, the U-Shaped Clip is **highly recommended** to ensure proper operation on DETEX devices.

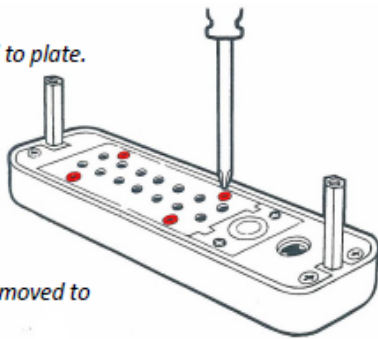
*IMPORTANT

- After installation, if you wish to change the code, you must first remove the panic bar, and then remove the lock.

LOCKEY P-SERIES HOW TO CHANGE CODE

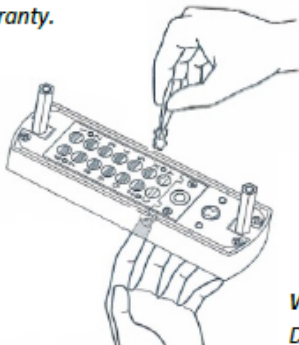


1. Using a #2 screwdriver, remove the four (4) Red Screws.
2. Carefully remove cover plate.
WARNING: Springs are attached to plate.



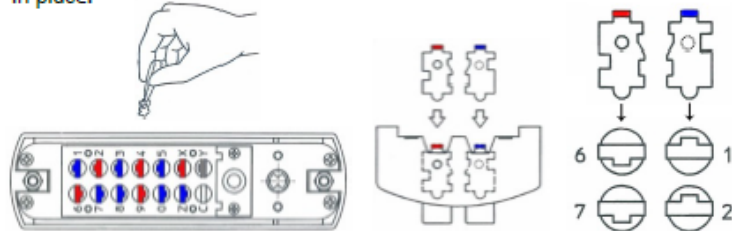
RED = CODE TUMBLERS
BLUE = NON-CODE TUMBLERS
'C' = CLEAR (DO NOT REMOVE)
'Y' = PASSAGE ('Y' Tumbler may be removed to disable PASSAGE FUNCTION)

3. PRESS & HOLD 'C' BUTTON to release tumblers.
IMPORTANT: 'C' Button must be pressed and held down when removing and inserting tumblers. Failure to do so will damage the lock and void the warranty.

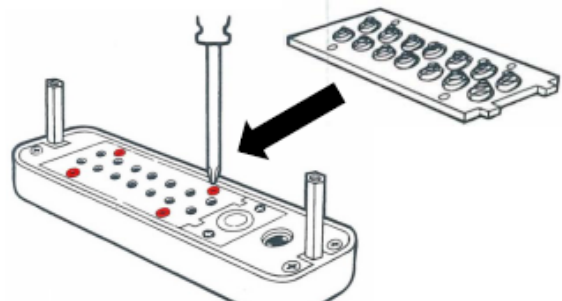


WARNING:
Do NOT force tumblers into position!

4. While holding the 'C' BUTTON, remove/add CODE (Red) and NON-CODE (Blue) Tumblers to create your desired code.
Ex: 3 Red = 3-Digit Code / 6 Red = 6-Digit Code
IMPORTANT: Ensure notched side of tumbler fits into slot. (Below – Far Right).
5. After changing your code, release the 'C' BUTTON to secure the tumblers in place.



6. Replace the cover plate and secure with four (4) Red Screws, using a #2 screwdriver.
7. TEST CODE before installing/re-installing lock.



Important Template Disclosure:

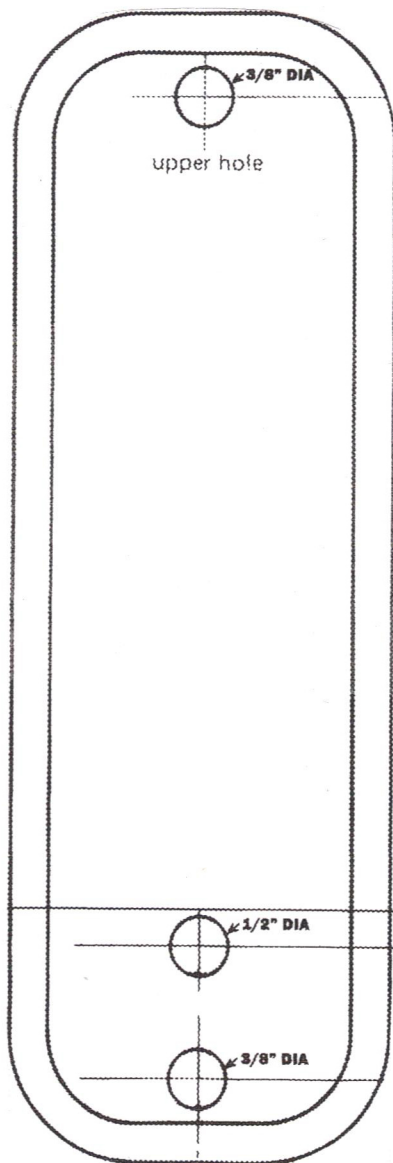
File may NOT print at 100% accuracy. Please refer to measurements when drilling final holes.

Please email info@lockeyusa.com for a faxed or mailed template due to .pdf file printing with possible inaccuracies.

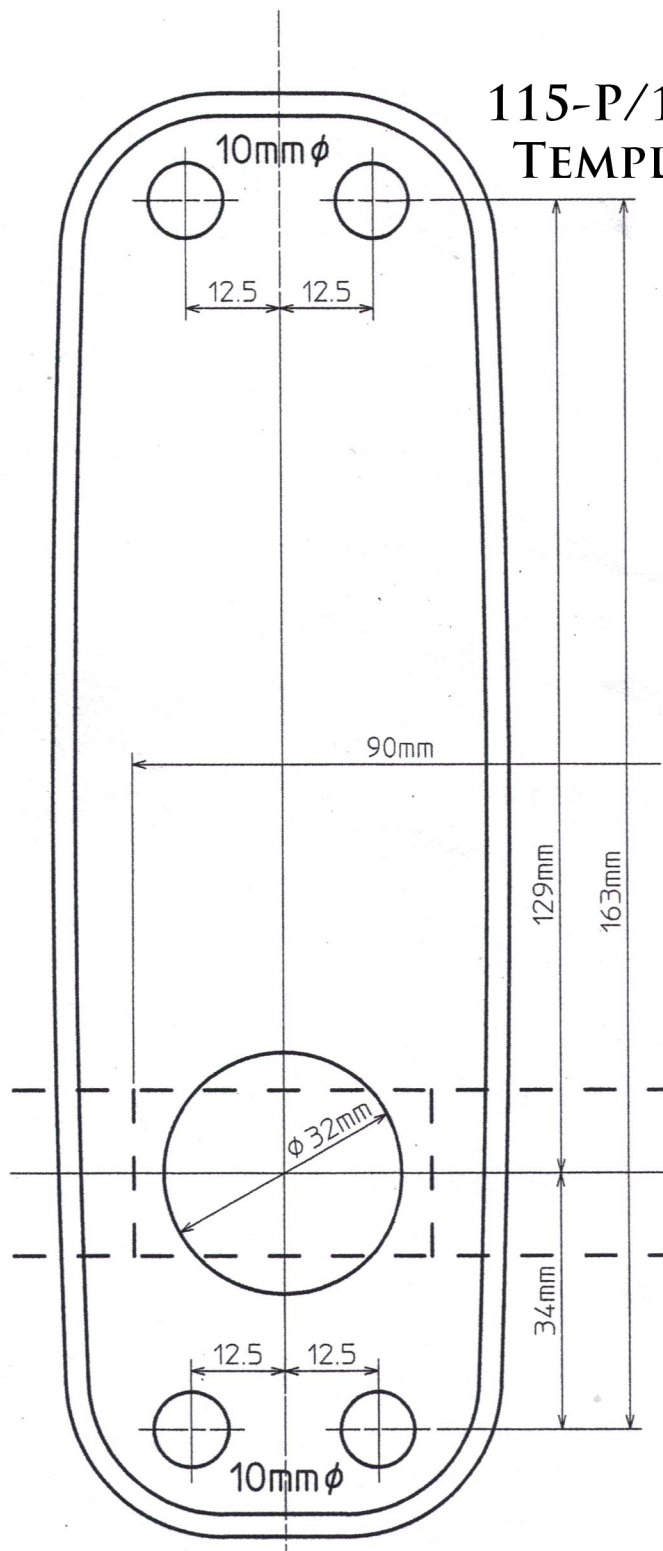
PLEASE CHECK MEASUREMENTS BEFORE DRILLING!

Please scroll down to view templates.

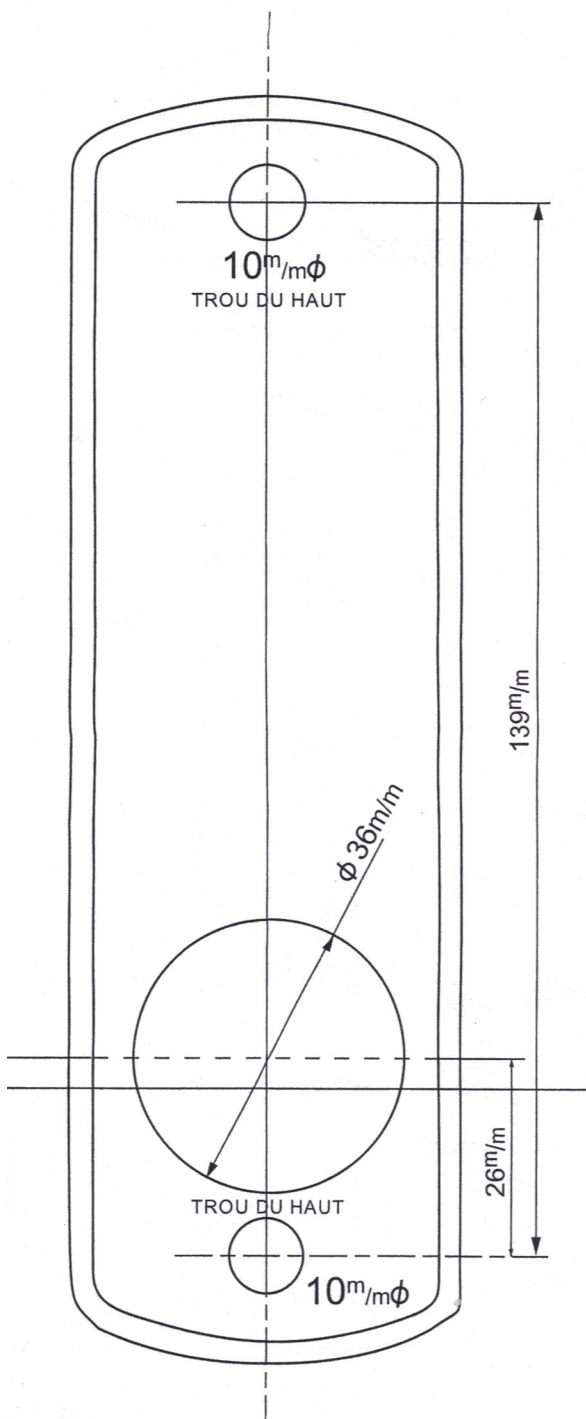
230-P/285-P TEMPLATE



115-P/160-P TEMPLATE



310-P TEMPLATE



Lockey® Key Safe Box
Instructions

It is recommended to change the code periodically, and to install the key safe in a concealed, discreet position either internally or externally.

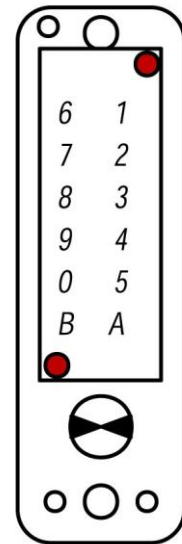
All Lockey® safes are supplied with the same factory code; it is **1982B**,
THEREFORE, PLEASE SET A NEW CODE BEFORE USING.

Changing the combination:

1. To open, press 1982B and turn knob to the right and lift out key safe front.
2. Press in B button and turn knob to left
3. Undo the 2 red screws and lift off the plate carefully.

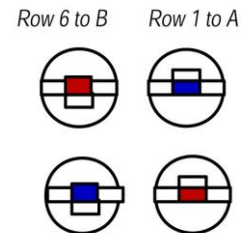
Supplied with the key safe are:

1. 4 – fixing screws
2. 4 – raw plugs
3. 1 – tweezer
4. 1 – blue non code tumblers
5. 2 – red code tumblers



Determine your new code ***WHICH MUST ALWAYS END IN “B”.***
NEVER REMOVE THE “B” TUMBLER.

- Your code can consist of anywhere from 3 to 6 digits (ie. 690AB or 1580AB) (although your group code is non-sequential, there are over 4,000 code possibilities)
- The code is determined by the number of red tumblers used. (The blue tumblers are the non-combination)
- To increase your code, add more red tumblers, to decrease, add more blue
- Turn the knob to the left to allow the tumblers to slide in and out easily
- Using the tweezers provided, move the tumblers to your own code (the tumblers are shaped to fit into the slots)
- All the tumblers in row 6 to B must be placed in as per the diagram, all the tumblers in row 1 to A must be placed in as per the diagram
- The colored tip must be facing upward



Do not force the tumblers in, simply turn the front knob and they will drop in.

- Replace the plate securing with the red screws.
- Test your new code before locking up your Key Safe
- Lock your Key Safe by sliding into the box, pressing the B button and turning the knob to the left.





MS-40 SURFACE MOUNT COMBINATION SLIDE-BOLT

Features:

- Resettable combination
- No keys to lose
- 10,000 different combinations
- Corrosion resistant zinc diecast body
- Suitable for horizontal and vertical fixing

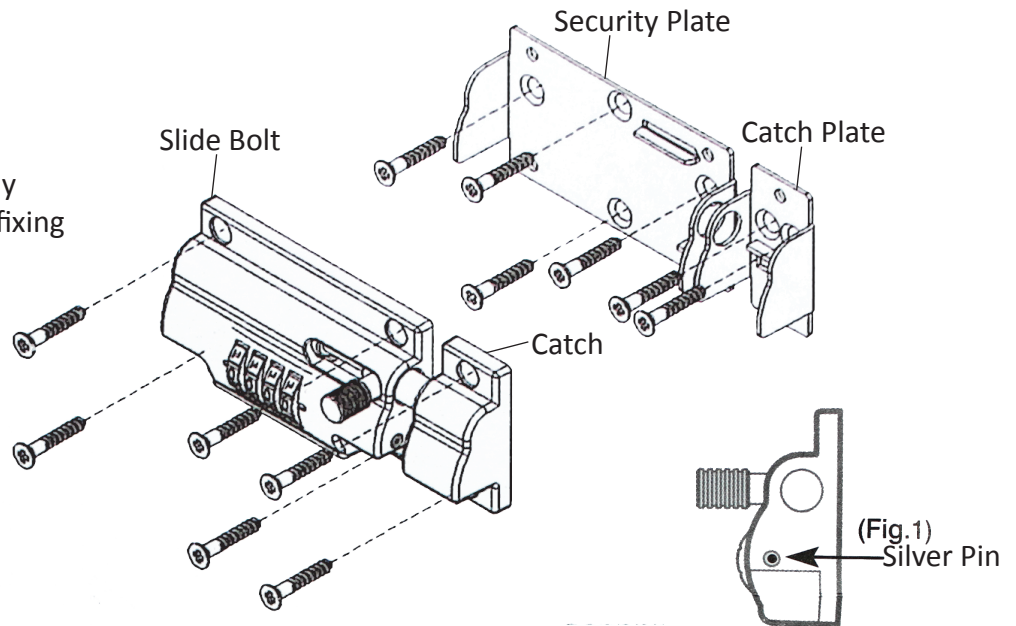
Dimensions:

Height: 2"

Width: 3 1/2"

Depth: 1 1/4"

Throw: 7/8"



To Open:

Rotate all 4 dials to the pre-set combination along the center line. The pre-set factory combination is 0-0-0-0.

To Set Your Own Combination:

1. On the end of the Slide Bolt, fully depress the small silver pin (Fig. 1). While holding in the pin, rotate the 4 dials to your chosen secret combination. Ensure the numbers are positioned centrally and have clicked into position.
2. Release the pin to the original position. Memorize and record the new combination for future reference. The new combination is now set.

To Lock:

The combination must be scrambled by rotating the 4 dials.

Note: The slide bolt can be locked in the closed or open position.

The dials automatically stop at zero when rotated towards the slide bolt. This feature helps to open the lock in low light conditions by counting the clicks as the dials rotate.

Installation Instructions:

1. Hold the Security Plate and Slide Bolt in the desired position. Check that the Slide Bolt and the door/gate will function properly once completely installed. Remove the Slide Bolt from the Security Plate and set aside. Mark the location of the 4 screw holes on the Security Plate and install the Security Plate.
2. Next, mount the Slide Bolt on the Security Plate using all 4 corner fixing holes. Screws should be tightened.
3. Hold the Catch and the Catch Plate in the required position and make sure the Slide Bolt and the door/gate will open and close correctly. Set the Catch aside in order to secure the Catch Plate in position using 2 screws.
4. Secure the Catch to the Catch Plate using the remaining 2 screws. Your MS-40 Surface Mount Combination Slide-Bolt is now installed.

Note: It is recommended that dials are rotated weekly to keep them moving freely.



TURTLE BACK TB100 HYDRAULIC GATE CLOSER

The LockeyUSA **Turtle Back TB100** is a hydraulic gate closer designed to push a gate closed with adjustable hydraulic speed control. Before installing the **TB100**, please read instructions completely and confirm that the gate is in good working order and operates smoothly. If not, repair gate before mounting the **TB100**.

MOUNTING INSTRUCTIONS:

The LockeyUSA **Turtle Back TB100** must mount on the hinge side/pull side of the gate in order to push the gate closed. The **TB100** works best if the gate has in-line/flush/butt hinges flush with the gate post with 1" or less gap. For gates with offset hinges or more than a 1" gap, modifications will be needed to use the **TB100**. Visit www.LockeyUSA.com for more options and full line of hydraulic gate closers and gate security products.

INSTALLATION INSTRUCTIONS:

1. □ Place **Anchor Bar** on the gate with **Hinge Bracket** on post (works on left or right hand gates by reversing hinge bracket).
 - Align the edge of the **Hinge Bracket** with the edge of the gate post.
 - Mark and then drill a 3/16" hole in any of the four **Hinge Bracket** holes and insert and tighten one **1-1/2" screw**.
 - If the wood post is round, the **Hinge Bracket** must be mortised into the wood post for firm mounting.

2. □ With the **Hinge Bracket** attached and the gate closed, swing and hold the **Anchor Bar** against the gate and trace the outline of the **Anchor Bar Slot**.
 - Swing back the **Anchor Bar** and mark a vertical line 3/4" back from the end of the **Anchor Bar Slot** (furthest away from hinge).

3. □ Center the **Anchor Connector Plate(B)** on the 3/4" mark.
 - Mark the location of the two screws and drill 1/8" holes in the gate.
 - Insert the **Clevis Pin(A)** into the vertical slot in the **Anchor Connector Plate** and attach the **Anchor Connector Plate** to the gate with two **5/8" screws(C)**.
 - Place two **Slide Washers(D)** onto the **Clevis Pin**.
 - Swing the **Anchor Bar** over the **Anchor Connector Plate** so the **Clevis Pin** goes through the anchor bar slot.
 - Place the **Steel Washer(E)** onto the **Clevis Pin** and install the **Cotter Pin(F)** through the hole in the **Clevis Pin**.

IMPORTANT: CHECK THAT THE BAR WORKS WITHOUT BINDING BY SWINGING THE GATE OPEN AND CLOSED. IF BINDING OCCURS, REMOVE SCREW AND REPOSITION.

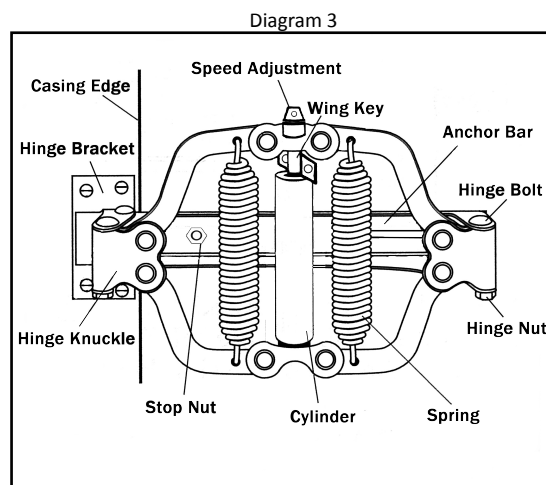
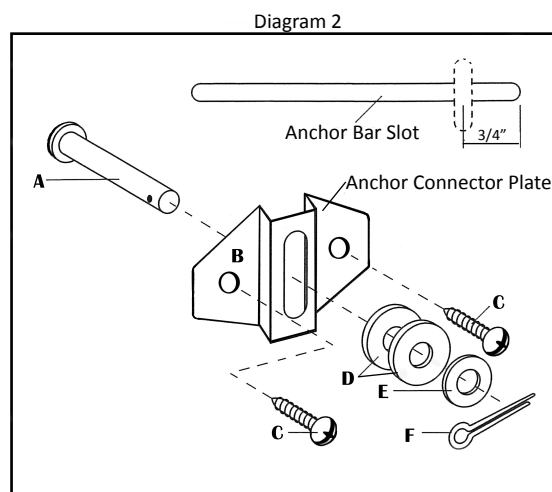
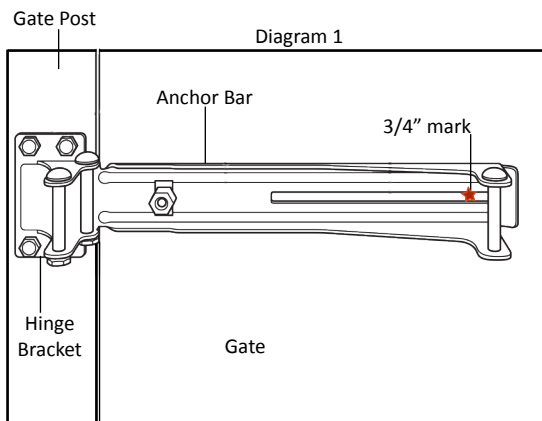
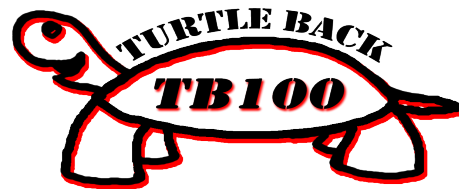
4. □ If the **Anchor Bar** assembly works freely without binding, finish installing the 3 remaining **1-1/2" Screws** into the **Hinge Bracket**.

5. □ Locate the **Speed Adjustment Knob** on the **Hydraulic-Spring Assembly**.
 - With the speed adjustment knob facing up, align the **Hinge Knuckle** in between the **Hinge Bracket** and insert a **Hinge Bolt**.
 - Secure with a **Nut**.
 - Slightly open the gate to get the proper hinge alignment then connect the other **Hinge Knuckle** to the **Anchor Bar**.
 - Insert **Hinge Bolt** and secure with a **Nut**.

6. □ Open the gate and remove the **Wing Key** from around the **Piston Rod**.
 - Save the **Wing Key**, as it must be reused should it be necessary to remove the **Hydraulic-Spring Assembly**.

- Open the gate and allow the **Turtle Back** to close the gate.
 - The **Speed Adjustment Knob** controls the closing speed of the gate. Rotate the speed adjustment knob clockwise to slow the speed of the gate during close, or counterclockwise to increase the speed of the gate during close.
 (Note: Turn Speed Adjustment Knob in 1/8 turn increments. Increase speed to overcome a lock set with a strong latch.)

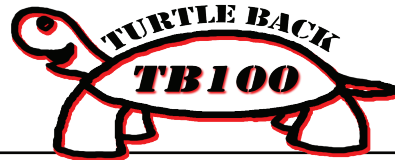
7. □ Snap the **Cover** over the **Hydraulic-Spring Assembly** with the curved end up and the bent lip on bottom, as shown in Diagram 4. Your installation is now complete.



Note: A mechanical gate stop should be installed to prevent gate from over opening.



TURTLE BACK TB100 HYDRAULIC GATE CLOSER



ADDITIONAL MOUNTING INSTRUCTIONS (FOR CHAIN LINK & METAL GATES):

With so many types of gates—chain link, ornamental iron, etc.— the installer may need additional mounting plates (not included) to adapt to their application.

ALTERNATE METAL POST INSTALLATION:

Round metal post: Weld an “L” angle or plate to the post so the mounting surface is parallel to the gate in the closed position. Align per instruction and clamp the **Hinge Bracket** to the new plate. Then bolt (not included) or weld into place.

Flat or square metal post: Locate desired mounting location, align **Hinge Bracket** per instructions and bolt or weld into place.

ALTERNATE METAL GATE INSTALLATION:

Some metal gates do not have the proper mounting surface, such as a chain link gate. A wooden or metal strip (not included) wide enough to mount the **Anchor Connector Plate** (approximately 2”) will be needed. Bolt or weld the strip horizontally side to side across the gate’s wire mesh. Following the **Installation Instructions Step #3**, the **Anchor Connector Plate** can now be mounted to the gate, as shown in Diagram 5.

Diagram 4

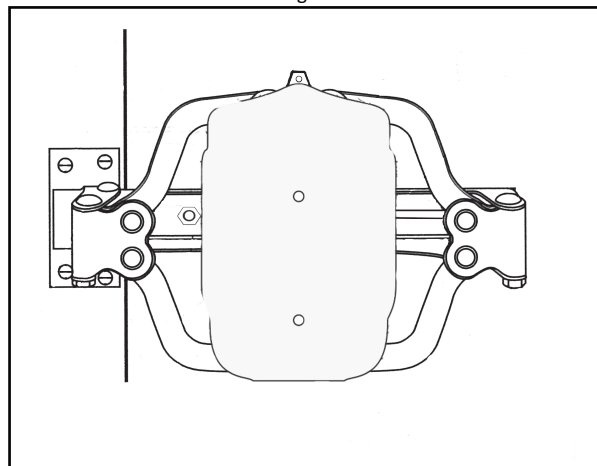
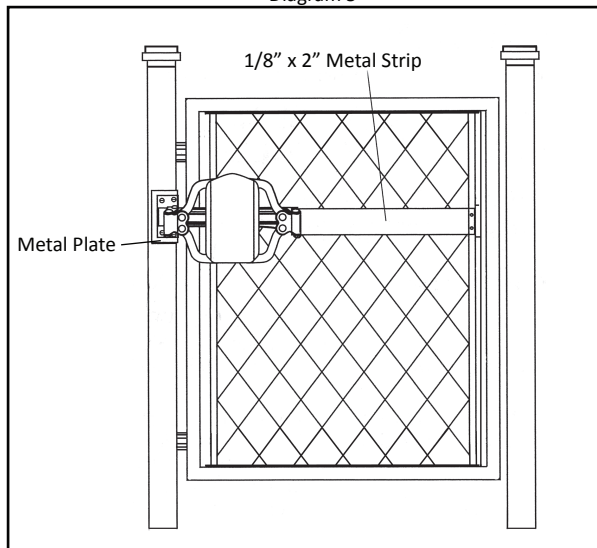


Diagram 5



LIMITED WARRANTY:

LockeyUSA warrants the **TURTLE BACK TB100** for one (1) year from the date of purchase, only to the original purchaser, against defective material and workmanship. LockeyUSA's obligation under this warranty is limited to the repair or replacement, at its option, of the product or any parts thereof, when determined in good faith that the defect is due solely to materials and/or workmanship, and is conditioned upon payment by the purchaser of all transportation cost incident to such repair or replacement. Return the product or parts thereof, with proof of purchase date, to Warranty Department, LockeyUSA, 4245 S. Lincoln Rd., Mt. Pleasant, MI 48858. LockeyUSA reserves the right to levy a service charge for handling, packaging and refinishing the product or parts thereof. This warranty does not include the cost of any inconvenience or property damage due to the failure of the product, transportation damage, misuse, abuse, accidents or similar incidents. This warranty gives you specific legal rights and you may also have other rights which vary from state to state. This warranty replaces all previous warranties and is the only warranty made by LockeyUSA on this product. No other warranties, either verbal or written, are authorized.



Visit www.LockeyUSA.com for
more gate security products.



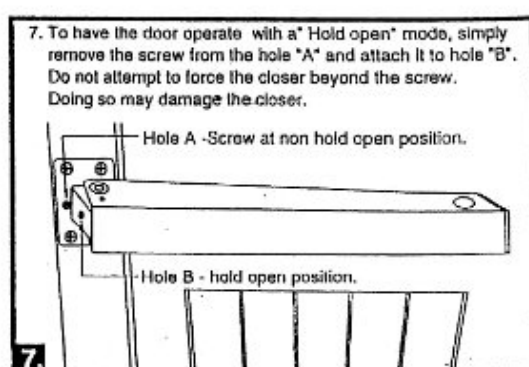
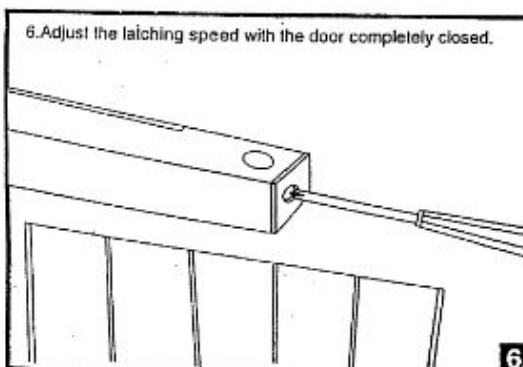
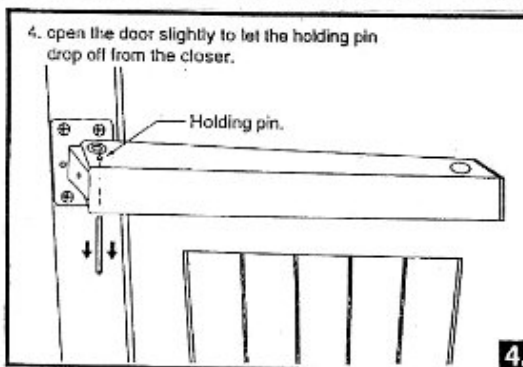
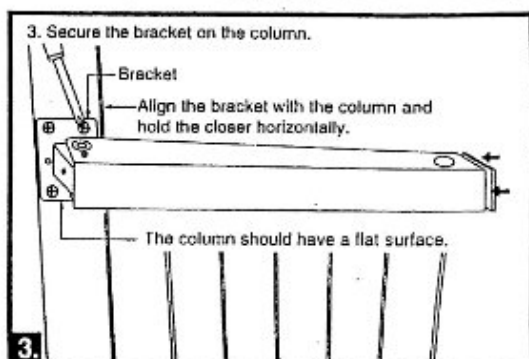
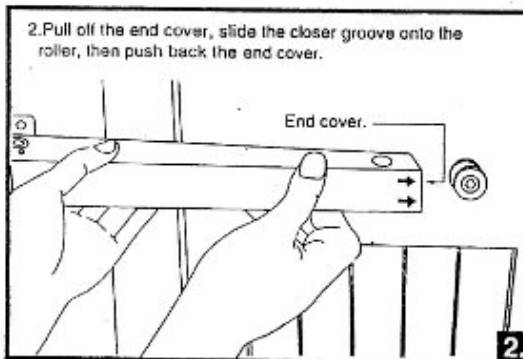
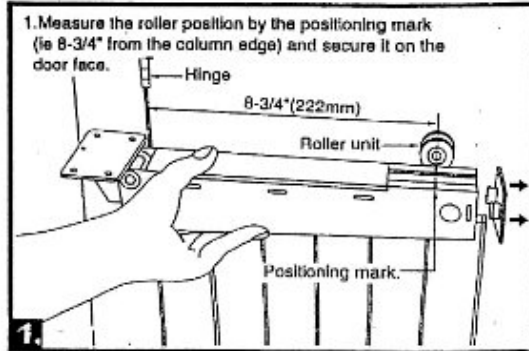


Residential/Light Commercial Gate Closer TB175

Installation Instruction for Gate Closer

(Weight limit per closer up to 120 lb.)

- Installed on the hinge (pull) side of the door.
- Could be placed at the top, middle or bottom of the door.
- The column should have a flat surface of 1-3/4" (45mm) wide at the desired mounting location.
- The door should be approximately flush with the column.



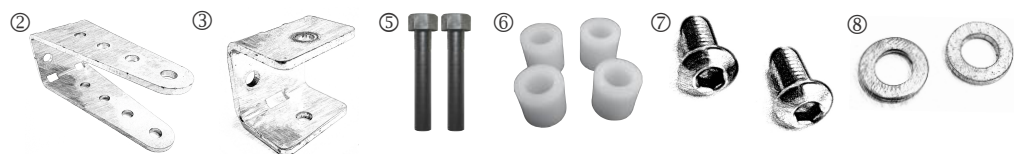


HYDRAULIC GATE CLOSER TB200, TB400, TB600 INSTALLATION INSTRUCTIONS

Important:

- This gate closer is mounted on the swing/open side of the gate and pushes the gate closed.
- A Gate Stop must be installed to keep gate from opening beyond 90 degrees.
- If using tension/spring hinges, release all tension and remove spring closers.
- Do NOT use with bulldog/strap style hinges. For best results, use male/female style hinges.

No.	Part Name	Qty.
1	Hydraulic Cylinder	1
2	Post Bracket (Triangular)	1
3	Gate Bracket	1
4	Fitting Bar	1
5	Securing Pins (Hexagon Head)	2
6	Spacers	4
7	Cap Screws	2
8	Washers	2
9	Retaining Bar	1



KEY:

- ⊙ = Hinge Pin
- = MUST measure 2-4"

INSTALLATION INSTRUCTIONS:

Step 1: Secure Post Bracket (#2) to Gate Post *This step is the **MOST** important. The Post Bracket (#2) **MUST** be mounted first.*

Hold Post Bracket (#2) to the face of the gate post.

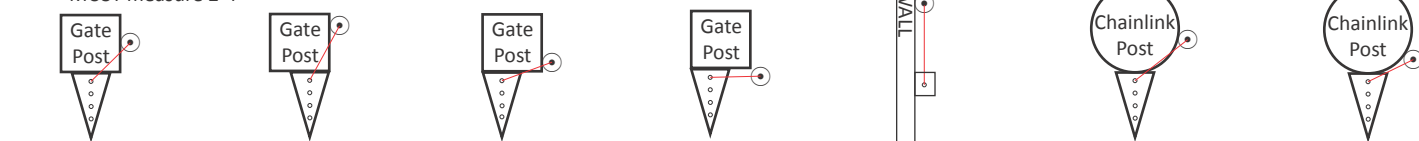
Measure from the center of the first hole on Post Bracket (#2A) to the center of the Hinge Pin ⊙.

This measurement MUST be between 2" and 4".

Clamp bracket into place.

Note: Regardless of hinge arrangement, the measurement from the center of the Hinge Pin ⊙ to the center of hole 2A on Post Bracket (#2) **must not exceed 4"** or damage to the gate closer may occur.

— = MUST measure 2-4"



Step 2: Measure/Secure Gate Bracket (#3)

With gate in closed position, attach Fitting Bar (#4) to Post Bracket (#2) using a Securing Pin (#5) in hole 2-D (shown below (left)).

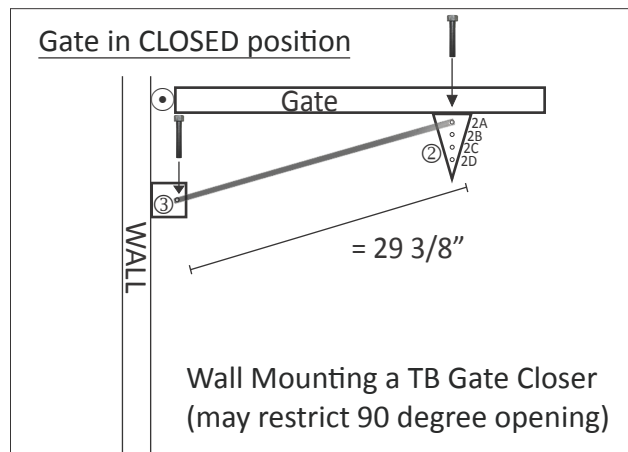
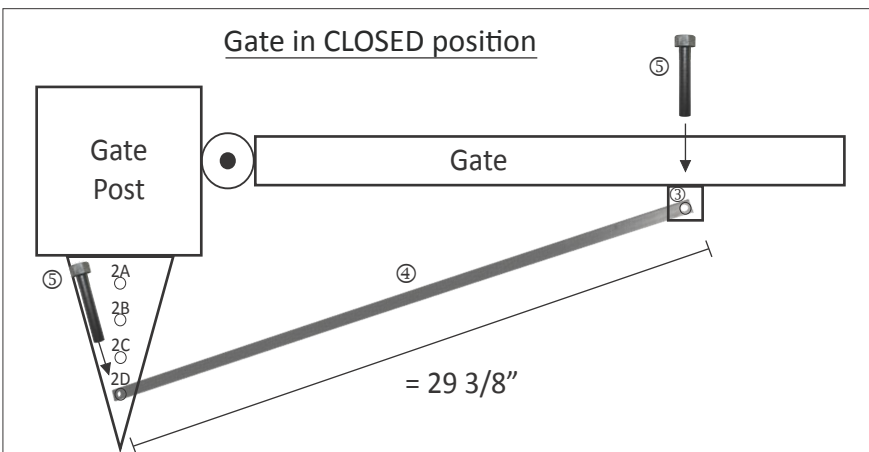
Next, place a Securing Pin (#5) in the opposite end of the Fitting Bar (#4) and secure to the Gate Bracket (#3).

Hold Gate Bracket (#3) to the gate and clamp into place.

The distance from the center of hole 2-D and the center of the Gate Bracket must measure 29 3/8".

Clamp/secure brackets then remove Fitting Bar (#4).

Note: If wall mounting, use Gate Bracket (#3) on the wall and the Post Bracket (#2) on the gate (shown below (right)).



INSTALLATION INSTRUCTIONS CONTINUED:

Step 3: Verify Measurements in OPEN Position

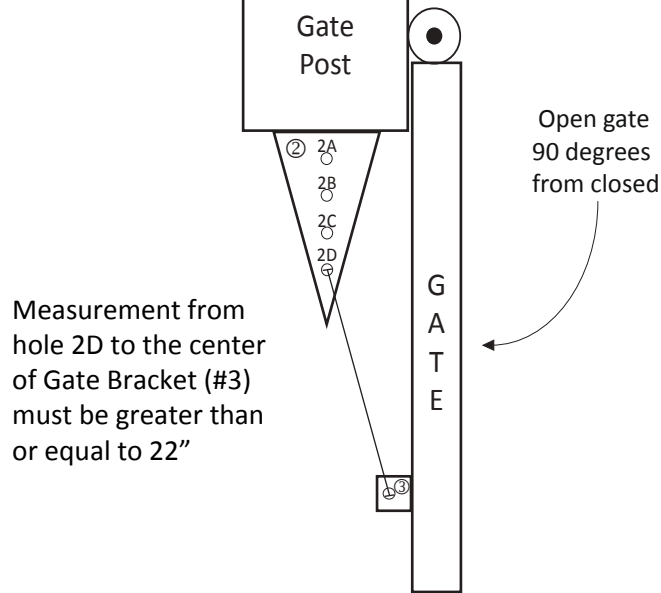
Open gate 90 degrees from closed position.

Measure the distance from the center of hole 2D on the Post Bracket (#2) to the center of the Gate Bracket (#3).

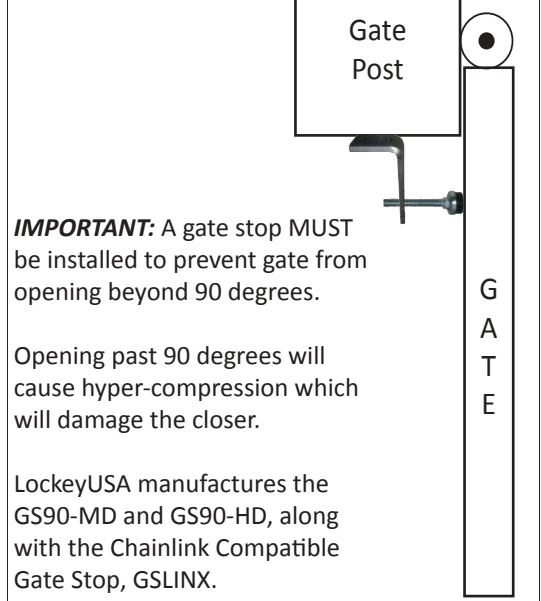
The distance MUST measure 22" or MORE. If the distance is less than 22", start back at Step 1.

Once you have verified all measurements, close the gate and secure all mounting brackets.

Gate in OPEN position:



Install a Gate Stop:



Step 4: Install your LockeyUSA TB Gate Closer

Grease Securing Pins (#5) with light silicone grease.

Place "Post End" of your gate closer to Post Bracket (#2).

Secure using a greased Securing Pin (#5) and two Spacers (#6), one spacer on top and one on bottom of the closer.

Secure with a Washer (#8) and Cap Screw (#7) and tighten (shown to the right).

Next, open the gate slightly to align the hole on the "Gate End" of the gate closer to Gate Bracket (#3).

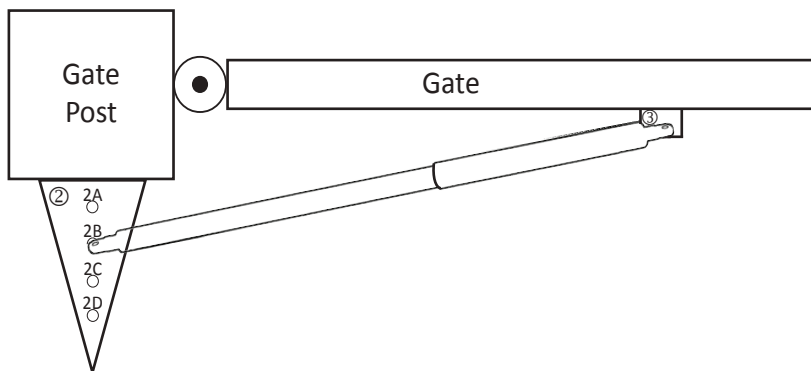
Secure using a greased Securing Pin (#5) and two Spacers (#6), followed by a Washer (#8) and Cap Screw (#7).

Tighten.

With gate closer secured to the gate, slowly open the gate to remove Retaining Bar (#9).



Gate Closer Installed

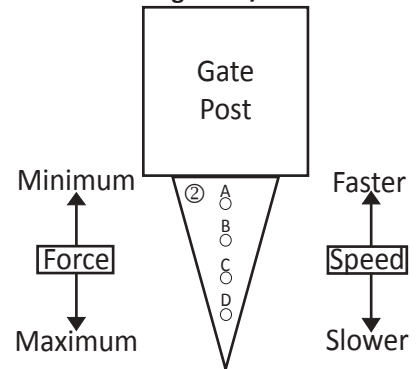


To adjust speed/force:

Move gate closer to desired mounting hole.

A= Least Closing Force/Fastest Closing Speed

D= Maximum Closing Force/Slowest Closing Speed



LOCKEY USA

Visit www.LockeyUSA.com for more gate security products.





ADJUSTABLE HYDRAULIC GATE CLOSER TB250, TB450, TB650

INSTALLATION INSTRUCTIONS

Important:

- This gate closer is mounted on the swing/open side of the gate and pushes the gate closed.
- A Gate Stop must be installed to keep gate from opening beyond 90 degrees.
- If using tension/spring hinges, release all tension and remove spring closers.
- Do NOT use with bulldog/strap style hinges. For best results, use male/female style hinges.

No.	Part Name	Qty.
1	Hydraulic Cylinder	1
2	Post Bracket (Triangular)	1
3	Gate Bracket	1
4	Fitting Bar	1
5	Securing Pins (Hexagon Head)	2
6	Spacers	4
7	Cap Screws	2
8	Washers	2



KEY:

- ⊙ = Hinge Pin
- = MUST measure 2-4"

Gate Closer	36" Gate	48" Gate	60" Gate
Added Opening Force			
No Closer	3/4 lb.	1/2 lb.	1/4 lb.
TB250	6 lbs.	4 lbs.	3 lbs.
TB450	10 lbs.	8 lbs.	6 lbs.
TB650	13 lbs.	10 lbs.	8 lbs.
Added Force at 45 degrees Open			
TB250	7 lbs.	5 lbs.	4.5 lbs.
TB450	13 lbs.	9.5 lbs.	8 lbs.
TB650	18.5 lbs.	13.5 lbs.	12 lbs.
Constant Closing Pressure	Approximate Width		Approximate Weight
0 lbs.			
45 lbs.	36-52 Inches		50-125 lbs.
90 lbs.	40-64 Inches		75-175 lbs.
135 lbs.	44-72 Inches		150-250 lbs.

INSTALLATION INSTRUCTIONS:

Step 1: Secure Post Bracket (#2) to Gate Post *This step is the **MOST** important. The Post Bracket (#2) **MUST** be mounted first.*

Hold Post Bracket (#2) to the face of the gate post.

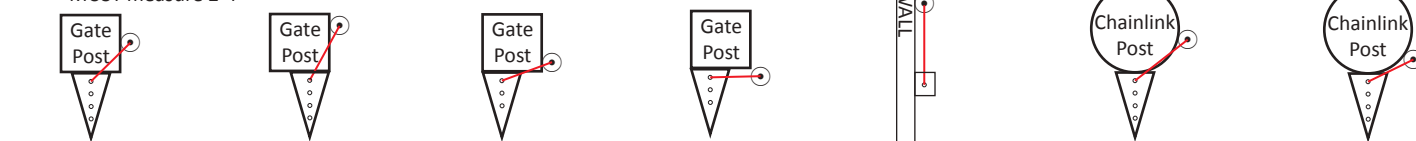
Measure from the center of the first hole on Post Bracket (#2A) to the center of the Hinge Pin ⊙.

This measurement MUST be between 2" and 4".

Clamp bracket into place.

Note: Regardless of hinge arrangement, the measurement from the center of the Hinge Pin ⊙ to the center of hole 2A on Post Bracket (#2) **must not exceed 4"** or damage to the gate closer may occur.

— = MUST measure 2-4"



Step 2: Measure/Secure Gate Bracket (#3)

With gate in closed position, attach Fitting Bar (#4) to Post Bracket (#2) using a Securing Pin (#5) in hole 2-D (shown below (left)).

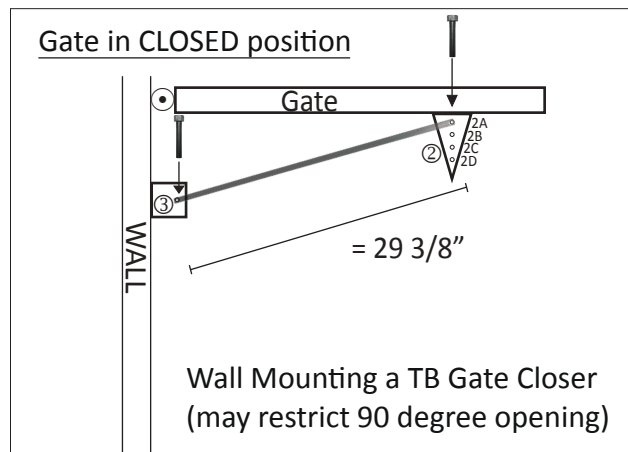
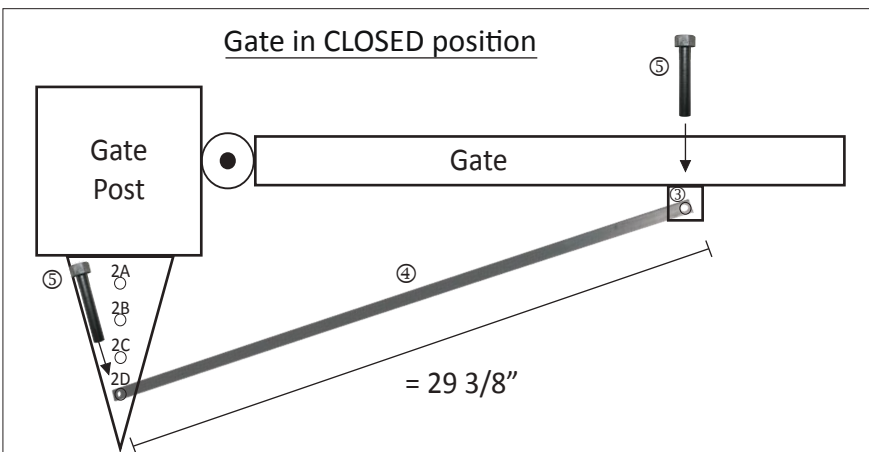
Next, place a Securing Pin (#5) in the opposite end of the Fitting Bar (#4) and secure to the Gate Bracket (#3).

Hold Gate Bracket (#3) to the gate and clamp into place.

The distance from the center of hole 2-D and the center of the Gate Bracket must measure 29 3/8".

Clamp/secure brackets then remove Fitting Bar (#4).

Note: If wall mounting, use Gate Bracket (#3) on the wall and the Post Bracket (#2) on the gate (shown below (right)).



INSTALLATION INSTRUCTIONS CONTINUED:

Step 3: Verify Measurements in OPEN Position

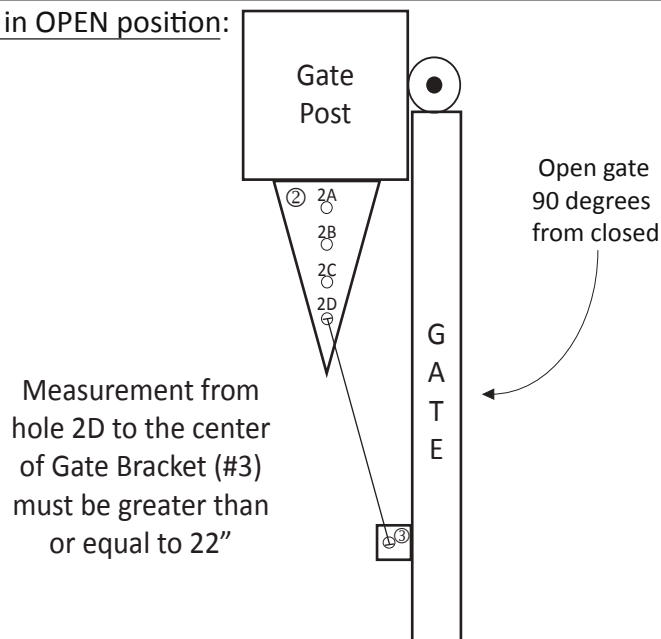
Open gate 90 degrees from closed position.

Measure the distance from the center of hole 2D on the Post Bracket (#2) to the center of the Gate Bracket (#3).

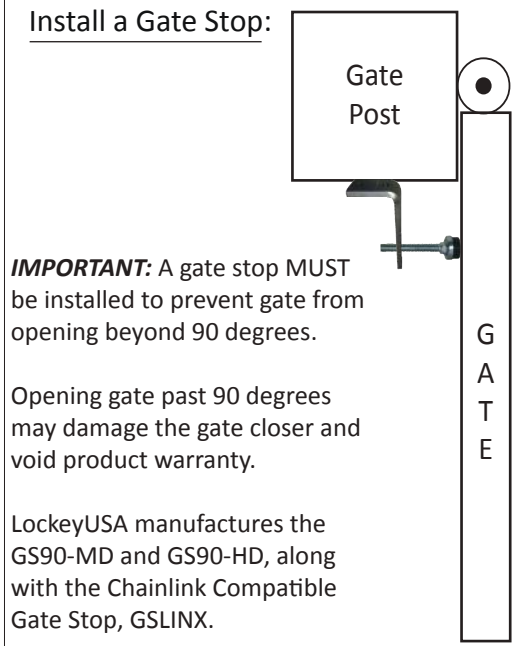
The distance MUST measure 22" or MORE. If the distance is less than 22", start back at Step 1.

Once you have verified all measurements, close the gate and secure all mounting brackets.

Gate in OPEN position:



Install a Gate Stop:



Step 4: Install your LockeyUSA TB Gate Closer

Grease Securing Pins (#5) with light silicone grease.

Before installing, make sure gate closer is compressed under 29" end to end.

Place "Post End" of your gate closer to Post Bracket (#2).

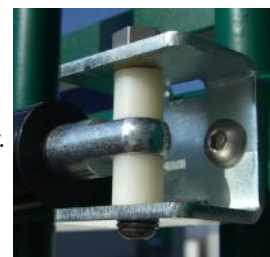
Secure using a greased Securing Pin (#5) and two Spacers (#6), one spacer on top and one on bottom of the closer.

Secure with a Washer (#8) and Cap Screw (#7) and tighten (shown to the right).

Next, open the gate slightly to align the hole on the "Gate End" of the gate closer to Gate Bracket (#3).

Secure using a greased Securing Pin (#5) and two Spacers (#6), followed by a Washer (#8) and Cap Screw (#7).

Tighten.



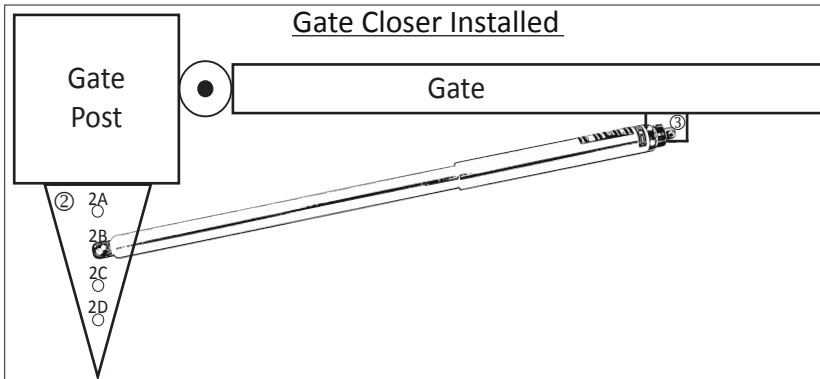
Adjusting your LockeyUSA TB Gate Closer

With the gate closer secured to the gate, slowly turn the adjustment dial towards FASTER. The gate will slowly close.

Open the gate and let it close again, using the dial to adjust gate closing speed.

When the desired closing speed is met, tighten set screws on the adjustment dial to prevent speed tampering.

Gate Closer Installed



To adjust force:
Move gate closer to desired mounting hole.

Minimum
Force
Maximum



A= Minimum closing force
D= Maximum closing force



LOCKEY USA

Visit www.LockeyUSA.com for
more gate security products.





Installation Instructions

Lockey®TB-950 Magnum **Concealed, high use, pedestrian gate closer** **(with individual hydraulic controls for closing & latching speeds)**

The Lockey TB-950 Magnum pedestrian gate closer is an all-in-one closer and hinge system which is designed for installation on high use gates.

With the closer unit concealed inside a strong steel housing, the Lockey TB-950 Magnum is tamper and vandal resistant.

Installation of the Lockey TB-950 Magnum is normally done when the gate is being fabricated, but can be done afterwards, if required. The closer housing and bottom support are welded to the bottom of the gate and post, and the closer top pivot is welded to the top of the post. When the closer housing, bottom support and top pivot are welded to the gate and post, they can be galvanized/painted along with the gate and posts.

Whether the closer is for use with a lock, latch or electromagnet, the two hydraulically controlled speed adjustments will give the correct closing speed. There is one control to adjust the closing speed, the other regulates the latching speed. Both controls are hidden underneath the gate closer housing and can be easily adjusted with an Allen key.

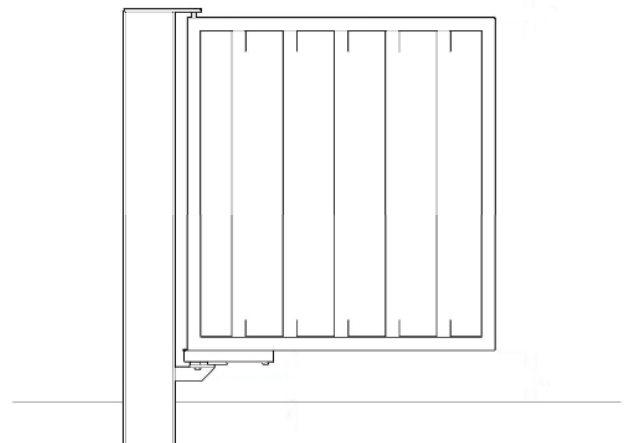
The gate closer housing includes a mechanical stop which restricts the opening of the gate to avoid damaging the closer. The closer can be set for right or left hand without any additional parts or fabrication work.

Limited maintenance is required, only regular gate inspection and periodic lubrication.



Features

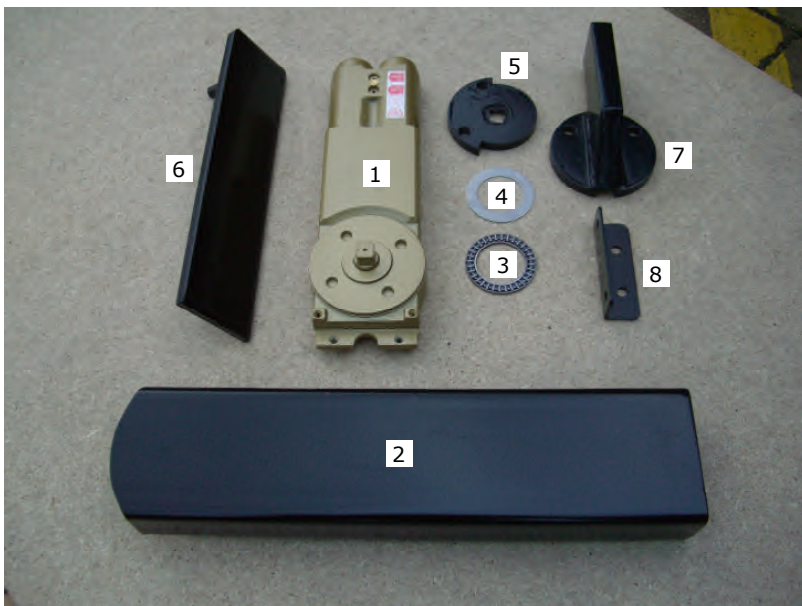
- Fits gates 40 - 48" wide & up to 72" high
- Suitable for gate weight up to 240lb
- No hold open (suitable for security gates)
- Hydraulically adjustable closing speed
- Hydraulically adjustable latching speed
- Restrictor to avoid over opening
- Speed adjustments hidden from view
- For all temperatures down to -40°F



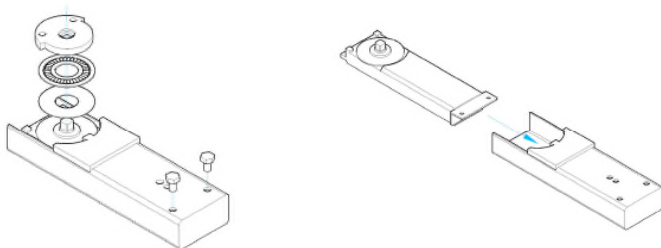


Installation Instructions

Lockey®TB-950 Magnum Concealed, high use, pedestrian gate closer (with individual hydraulic controls for closing & latching speeds)



- #1 Closer unit
- #2 Closer housing
- #3 Bearing
- #4 Washer
- #5 Drive plate
- #6 Top pivot
- #7 Bottom support
- #8 Internal bracket



Step 1

Remove all parts from housing #2

Step 2

Weld housing #2 to underside of gate allowing correct gap between gate frame and gate post (measurement between centre pivot of closer and gate post is 4 3/8")



Installation Instructions

Lockey® TB-950 Magnum Concealed, high use, pedestrian gate closer (with hydraulic controls for closing & latching speed)

Step 3

Weld the closer housing #2 to the underside of the gate in the correct position giving the desired clearance between the gate and post. The distance from the face of the post to the centre of the closer pivot is $4 \frac{5}{16}"$ (110mm) when gate is in closed position.

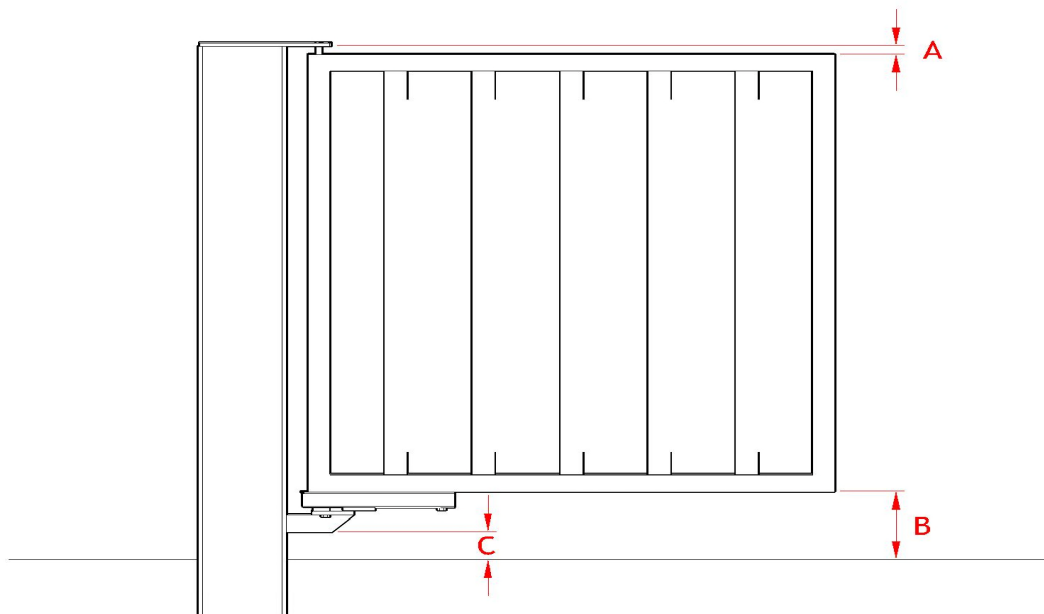
Step 4

Weld bottom support #7 to the gate post

Step 5

Weld top pivot #6 to top of gate post

A	B	C
$\frac{3}{8}"$	$4 \frac{3}{4}"$	$\frac{1}{4}"$



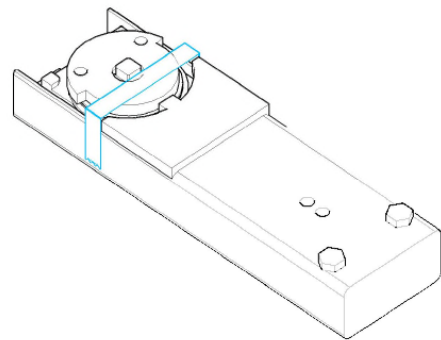


Installation Instructions

Lockey® TB-950 Magnum **Concealed, high use, pedestrian gate closer** **(with hydraulic controls for closing & latching speed)**

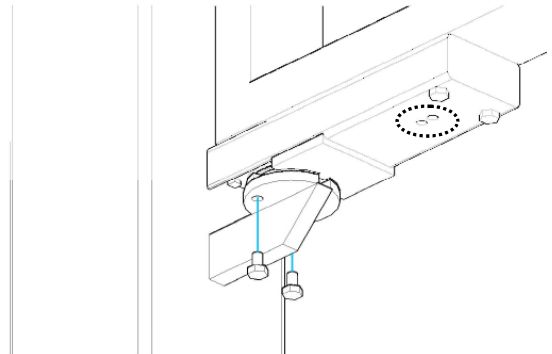
Step 6

After galvanizing/painting, grease roller bearing, and replace parts into closer housing #2 placing the drive plate #5 to the correct handing and then place a small piece of adhesive tape across drive plate #5 and closer housing #2 to secure while mounting gate



Step 7

Mount gate to post



Step 8

Adjust closing speed (hole nearest post) and latching speed (hole farthest from post) using 3mm Allen key

Maintenance

The regularity of maintenance should reflect the frequency of use, environment and the likelihood of vandalism or misuse. Should you require more information about gate closer maintenance, please contact us using the contact information at the bottom of this page.

The following checks and lubrication should be regularly completed:

- 1) Check to ensure all fastenings are secure
- 2) Check function of closer
- 3) Lubricate roller bearing

Disclaimer

LockeyUSA will not accept any responsibility whatsoever for damage caused by incorrect fitting, misuse, or incorrect assessment of the application. In purchasing this product, the purchaser accepts all responsibility for the installation, operation and maintenance of the product.

For more information, please review LockeyUSA's full warranty at www.lockeyUSA.com



Installation Tips for the Panic Shield / Panic Mount

Parts Included	PS-12	PS-24	PS-1112	PS-1124	PS-DX24	PSDX12
Adjustable Panic Mount/Shield	1/1	1/1	1/1	1/1	1/1	1/1
1/4" x 9/16" Ribbed Track Bolt			6	6	2	2
1/4" x 1" Machine screw					2	2
1/4 " Nylon Lock Nut			6	6	4	4
1 1/4" Stainless Self Drilling Screw	4	6	6	8	8	4

STEP1: Determine adjusted size of Panic Shield

All Panic Shields have one (1) inside and one (1) outside adjustable sliding panel, and are designed to be mounted on the inside of the gate. For chain-link gates, leave about 1" of space on each end for latch and hinges. Panic Shield can be mounted on the RIGHT or LEFT side of gates 28"-54" wide. Determine the size of the mounting plate needed for proper installation and make note of expanded panel size. The PS-1112 and PS-1124 are predrilled to fit the Lockey PB-1100 Panic Bar. The PS-DX is predrilled to fit DETEX Panic Bars.

PS-12 / PS-24 mounting Tips

The PS-12 and PS-24 Panic Shields/Mounts can be used to mount any panic bar. You will need to drill holes as needed.

PS-1112 / PS-1124 / PS-DX Mounting Tips

Determine gate side. Panic bar mounts on lower half of Panic Shield/Mount.

If using a lock box, install prior to mounting the Panic Shield on the gate.

STEP 2: INSTALL LOCK BOX

Install keyed cylinder or Keyless Panic Trim at this time. In most cases the Lock Box is held on with the mounting screws from the locking mechanism. If using boxes **other** than the PS-GB-5 (keyed cylinder) or the GB-PS-900 (285-P Keyless Panic Trim), you **WILL** need to drill mounting holes accordingly (mounting screws are supplied with lock). After the Lock Box is installed, place tail piece in the proper position.

You are ready to install your panic exit device.

STEP 3: FITTING PANIC BAR TO SHIELD/MOUNT

See Installation Instructions and mount the Panic Bar as directed using the 1/4" x 9/16" Ribbed Tack Bolt, and 1/4" Nylon Lock Nuts. Make sure the tail piece is centered and is in the proper position. The tail piece **MUST** be in the proper position to work correctly.

Now, adjust panic shield to size determined in Step 1. If panic bar is too long for panic shield, cut the panic bar down to size needed for proper installation. After panic bar and shield are sized correctly, use the self-tapping screws or drill 1/4" holes and place 1/4" x 9/16" and nylon lock nuts to mount the end of the panic bar.

Your panic bar should be mounted at this time. Check to be sure the lock mechanism works properly. If working properly, you are ready to install panic shield and exit device to the gate.

STEP 4: INSTALL PANIC BAR / SHIELD TO GATE

Check to ensure the panic device and lock are functioning correctly.

Measure up from the ground/surface 40" and mark gate. Your panic bar must be 40" from surface (40 – 42 inches is the standard height to mount exit devices). Check your local code for proper height. Place Panic shield on the inside of gate. Attach the panic shield to gate using the supplied 1 1/4" Stainless Steel Self-Drilling Tech Screws. It is helpful to pre-drill pilot holes.

Your panic shield is now installed. Now install your Panic Bar strike/ keeper. If using a gate stop /strike bracket, install it at this time. We recommend using a Lockey PS-SB Panic Stop/Strike Bracket with Lockey Panic Shields.

Visit LockeyUSA.com to learn more about the NEW STANDARD for door & gate hardware.



www.LockeyUSA.com



PS-SB Panic Strike Bracket / Gate Stop / Latch Keeper

Helpful Mounting Tips



****Install your Panic Bar before installing the PS-SB Strike Bracket***

Using the screws and hardware provided with your Panic Bar, install your Panic Exit strike on to the PS-SB bracket with the flat side of the bracket facing out. With the gate in the closed position, place strike bracket so the latch fits in the keeper, and mark the post. If using on a chain link gate, use U-Bolt. For square posts, use self-tapping screws. Be sure that you have enough clearance for the gate to open freely. If gate fits loose when closed, you may place the 3/8" x 3/4" bolt in the slotted adjustment gap to act as a stop. Adjust strike accordingly to obtain proper fit. Finish using self-tapping screws for added security and strength, and to keep PS-SB in position.

Part Name	Qty.
3" U-Bolt	1
3/8 Washer	2
Lock Nut	3
Self-Tapping Screw	2
3/8" x 3/4" Bolt	1



PS-SB Panic Strike Bracket / Gate Stop / Latch Keeper

Helpful Mounting Tips



****Install your Panic Bar before installing the PS-SB Strike Bracket***

Using the screws and hardware provided with your Panic Bar, install your Panic Exit strike on to the PS-SB bracket with the flat side of the bracket facing out. With the gate in the closed position, place strike bracket so the latch fits in the keeper, and mark the post. If using on a chain link gate, use U-Bolt. For square posts, use self-tapping screws. Be sure that you have enough clearance for the gate to open freely. If gate fits loose when closed, you may place the 3/8" x 3/4" bolt in the slotted adjustment gap to act as a stop. Adjust strike accordingly to obtain proper fit. Finish using self-tapping screws for added security and strength, and to keep PS-SB in position.

Part Name	Qty.
3" U-Bolt	1
3/8 Washer	2
Lock Nut	3
Self-Tapping Screw	2
3/8" x 3/4" Bolt	1



PS-SB Panic Strike Bracket / Gate Stop / Latch Keeper

Helpful Mounting Tips

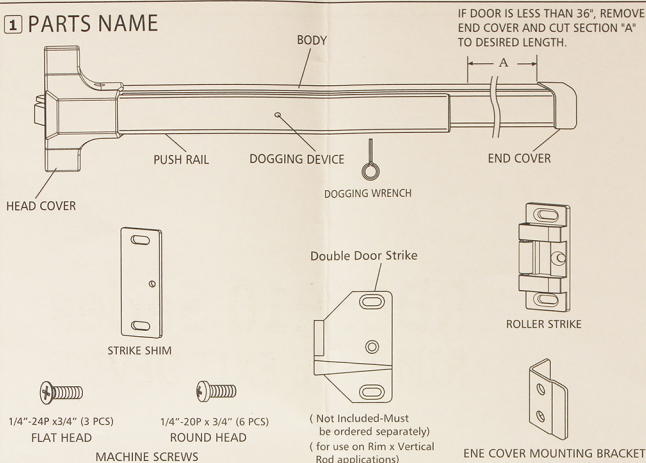


****Install your Panic Bar before installing the PS-SB Strike Bracket***

Using the screws and hardware provided with your Panic Bar, install your Panic Exit strike on to the PS-SB bracket with the flat side of the bracket facing out. With the gate in the closed position, place strike bracket so the latch fits in the keeper, and mark the post. If using on a chain link gate, use U-Bolt. For square posts, use self-tapping screws. Be sure that you have enough clearance for the gate to open freely. If gate fits loose when closed, you may place the 3/8" x 3/4" bolt in the slotted adjustment gap to act as a stop. Adjust strike accordingly to obtain proper fit. Finish using self-tapping screws for added security and strength, and to keep PS-SB in position.

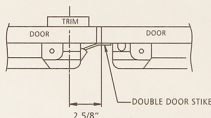
Part Name	Qty.
3" U-Bolt	1
3/8 Washer	2
Lock Nut	3
Self-Tapping Screw	2
3/8" x 3/4" Bolt	1

1 PARTS NAME

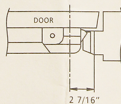


2 TYPE OF INSTALLATION

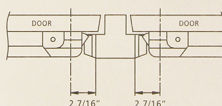
DOUBLE DOOR WITHOUT MULLION



SINGLE DOOR



DOUBLE DOOR WITH MULLION

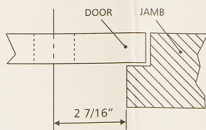


3 DRILL HOLES

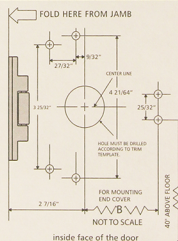
1.USR TEMPLATE ENCLOSED TO MARK DOOR FACE AND DRILL HOLES SHOWN WITH THE DIAMETERS

2."B"LENGTH SHOULD BE MEASURED FROM THE CENTER OF CYLINDER HOLE TO THE END OF THE BODY

DRILL & TAP FOR (6) 1/4" X 20P MACHINE SCREWS FOR EXIT DEVICE AND DRILL & TAP FOR (3) 1/4" X 20P MACHINE SCREWS FOR ROLLER STRIKE.



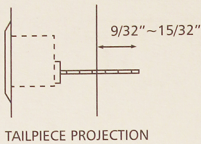
INSIDE FACE OF THE DOOR



4 INSTALL KEY CYLINDER

If required or skip to step 5

1. PLACE THE CYLINDER INTO THE HOLE ON THE DOOR
2. KEEP THE TAILPIECE HORIZONTAL
3. TIGHTEN THE SCREWS



OUTSIDE FACE OF THE DOOR

CYLINDER

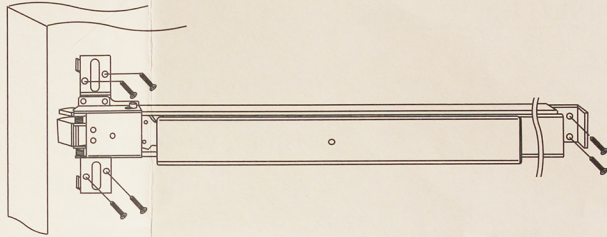
RING

LINER

INSTALLATION SCREWS

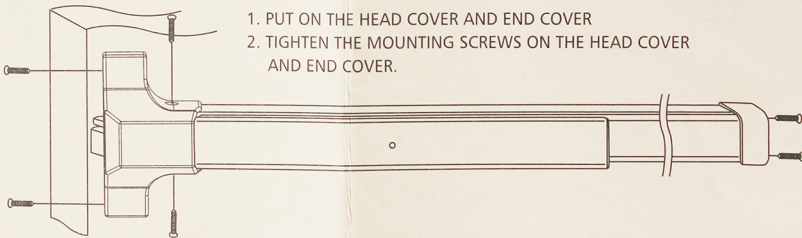
5 INSTALL BODY

1. REMOVE THE HEAD COVER AND THE SCREWS ON THE END COVER
2. ALIGN THE SCREW HOLES WITH THE HOLES ON THE DOOR
3. TIGHTEN THE SCREWS ON THE BODY AND THE LINING OF END COVER



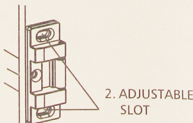
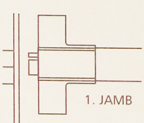
6 INSTALL BOTH HEAD AND END COVER

1. PUT ON THE HEAD COVER AND END COVER
2. TIGHTEN THE MOUNTING SCREWS ON THE HEAD COVER AND END COVER.

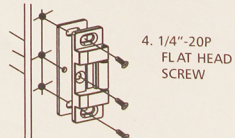


7 INSTALL ROLLER STRIKE

1. CLOSE DOOR AND MARK LATCHBOLT ON DOOR JAMB WITH A PENCIL.
2. PLACE ROLLER STRIKE ON DOOR JAMB. ALIGN CENTER OF ROLLER STRIKE WITH CENTER OF PENCIL MARK. THEN ALIGN OUTSIDE EDGE OF ROLLER STRIKE WITH OUTSIDE EDGE OF DOOR JAMB.

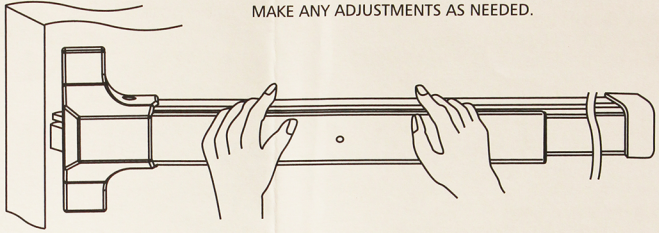


3. MARK IN THE CENTER OF 2 ADJUSTABLE SLOT AND DRILL 7/32" PILOT HOLE AND 1/4"-20P THREAD AT MARKED LOCATIONS THEN TIGHTEN WITH 1/4"-20P FLAT HEAD SCREWS. OPEN AND CLOSE DOOR TO CHECK IF LATCHBOLT CAN EXTEND AND RETRACT PROPERLY. ADJUST ROLLER STRIKE IF NECESSARY.
4. WITH THE ROLLER STRIKE IN FINAL POSITION, DRILL AT THE CENTER 7/32" PILOT HOLE AND 1/4"-20P THREAD AND TIGHTEN WITH 1/4"-20P FLAT HEAD.



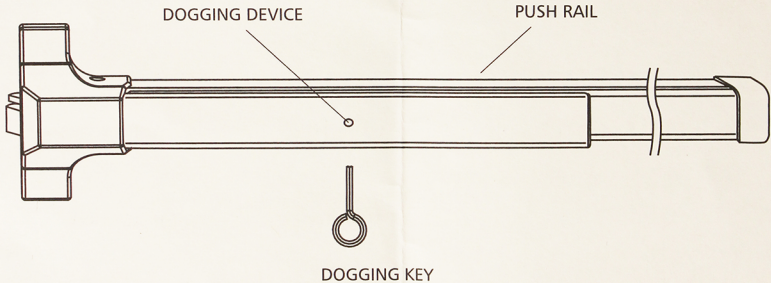
8 OPERATION TEST

PRESS DOWN THE PUSH RAIL TO MAKE SURE
THE DOOR OPENS AND CLOSES/LATCHES CORRECTLY.
MAKE ANY ADJUSTMENTS AS NEEDED.



NOTE:

TO EXTEND THE LIFE OF EXIT DEVICE,
LOCK THE LATCH IN THE RETRACTED
POSITION WHEN DOOR IS IN CONTINUOUS USE.



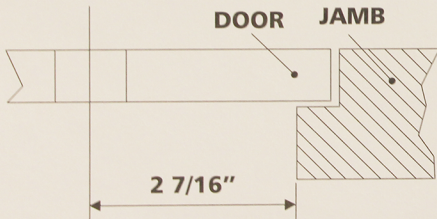
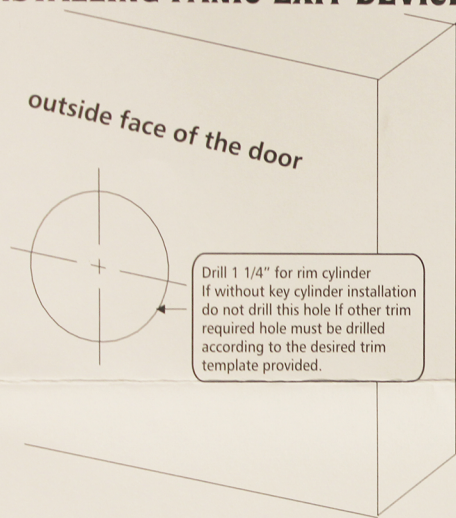
TO UNLOCK

HOLD PUSH RAIL DOWN. TURN DOGGING DEVICE
CLOCKWISE WITH DOGGING KEY.

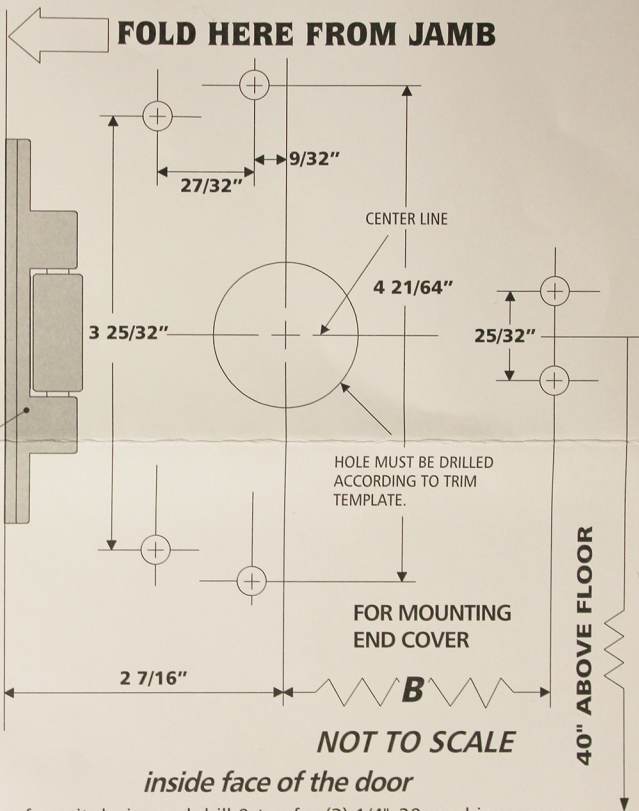
TO LOCK

HOLD PUSH RAIL DOWN. TURN DOGGING DEVICE
COUNTER CLOCKWISE WITH DOGGING KEY.

TEMPLATE FOR INSTALLING PANIC EXIT DEVICE



**ROLLER
STRIKE**



(A) For RDC5R10 (UL Listed)-Drill & tap for (6) 1/4"x20 machine screws for exit device and drill & tap for (3) 1/4"x20 machine screws for Roller Strike

(B) For RDA5R00 (Fire Rated)-Drill 9/32" holes inside and 3/8" holes outside for the (6) thru bolts and drill & tap for (3) 1/4"x20 machine screws for Roller Strike.

1 PARTS NAME

IF YOUR DOOR IS NARROWER THAN 36"
REMOVE END COVER AND CUT
SECTION'

HEAD COVER

LATCHBOLT

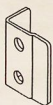
BODY

PUSH RAIL

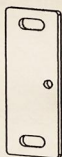
END COVER



1/4"-20P x 3/4" (3 PCS)
FLAT HEAD



END COVER MOUNTING
BRACKET



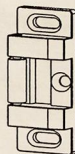
STRIKE SHIM



THRU BOLT (6 PCS)



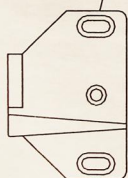
1/4"-20P x 3/4" (6 PCS)
ROUND HEAD
MACHINE SCREWS



ROLLER STRIKE

2 OPTIONAL PARTS

Double Door Strike

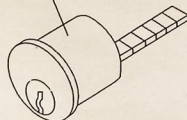


(Not Included-Must
be ordered separately)
(for use on Rim x Vertical
Rod applications)

LINER



CYLINDER



RING

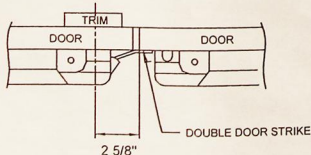


KEY

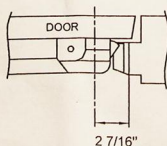


3 TYPE OF INSTALLATION

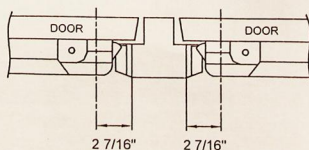
DOUBLE DOOR WITHOUT MULLION



SINGLE DOOR



DOUBLE DOOR WITH MULLION

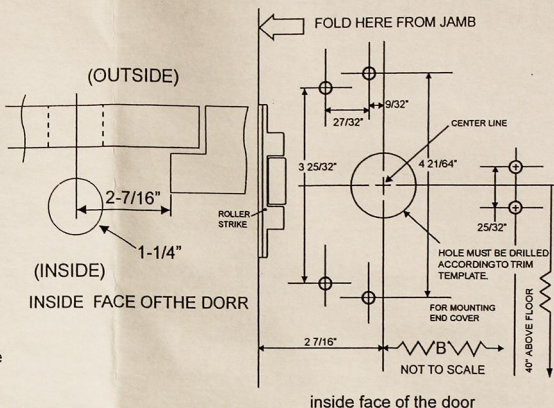


4 DRILL HOLES

1. USE TEMPLATE ENCLOSED TO MARK DOOR FACE AND DRILL HOLES WITH THE DIAMETERS SHOWN.

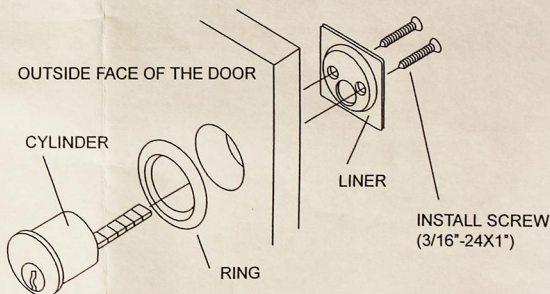
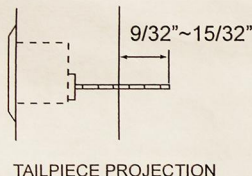
2. "B" LENGTH SHOULD BE MEASURED FROM THE CENTER OF CYLINDER HOLE TO THE END OF THE BODY.

Drill $9/32"$ holes inside and $3/8"$ holes outside for the (6) thru bolts and drill & tap for (3) $1/4"$ x20 machine screws for the Roller Strike.



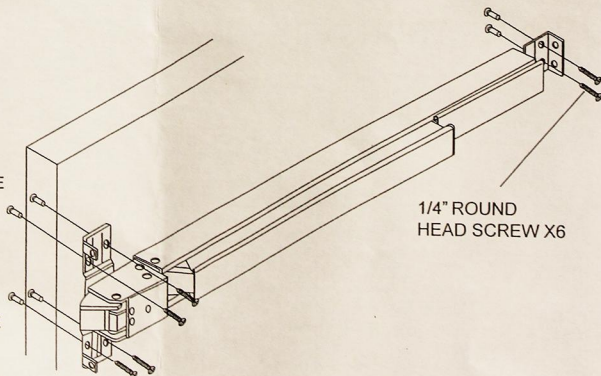
5 INSTALL CYLINDER (IF REQUIRED)

1. PLACE THE CYLINDER INTO THE HOLE ON THE DOOR
2. KEEP THE TAILPIECE HORIZONTAL
3. TIGHTEN THE SCREWS



6 INSTALL BODY

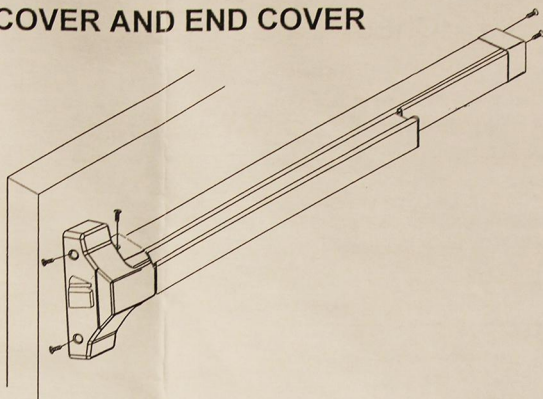
1. REMOVE THE HEAD COVER AND END COVER.
2. ALIGN THE SCREW HOLES ON THE BODY WITH THE HOLES ON THE DOOR.
3. INSERT SCREW BOLT (6PCS) $3/8"$ FROM OUTSIDE OF THE DOOR THEN TIGHTEN THE $1/4"$ ROUND HEAD SCREW (6PCS) FROM INSIDE OF THE DOOR ON THE BODY AND THE MOUNTING PLATE OF END COVER.



7 INSTALL HEAD COVER AND END COVER

1. PUT ON THE HEAD COVER AND END COVER.

2. TIGHTEN THE SCREWS SECURELY ON THE HEAD COVER AND THE END COVER.



8 INSTALL ROLLER STRIKE

1. WITH THE DOOR IN THE CLOSED POSITION MARK THE CENTERLINE OF LATCHBOLT ON DOOR JAMB.

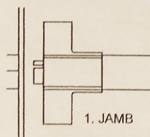
2. PLACE ROLLER STRIKE ON DOOR JAMB.

ALIGN CENTER OF ROLLER STRIKE WITH THE LATCHBOLT CENTERLINE MARK ON THE JAMB. THEN ALIGN THE OUTSIDE EDGE OF THE ROLLER STRIKE WITH THE OUTSIDE EDGE OF THE DOOR JAMB.

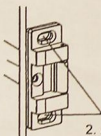
3. MARK THE CENTER OF THE 2 ADJUSTABLE SLOTTED HOLES AND DRILL $7/32"$ PILOT HOLES. TAP PILOT HOLES WITH $1/4"-20$ THREADS AND INSTALL MACHINE SCREWS, OR INSTALL SELF TAPPING MACHINE SCREWS OR WOOD SCREWS IN PILOT HOLES. CLOSE DOOR TO CHECK IF LATCHBOLT EXTENDS PROPERLY, ADJUST ROLLER STRIKE IF NECESSARY.

4. WITH ROLLER STRIKE IN FINAL POSITION, DRILL A $7/32"$ PILOT HOLE FOR THE CENTER MOUNTING HOLE. TAP PILOT HOLE WITH $1/4"-20$ THREADS AND INSTALL MACHINE SCREW.

OR INSTALL SELF TAPPING MACHINE SCREW OR WOOD SCREW IN PILOT HOLE.



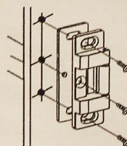
1. JAMB



2. ADJUSTABLE SLOT



3. DRILL $7/32"$ HOLE, TAP $1/4"-20$ THREAD

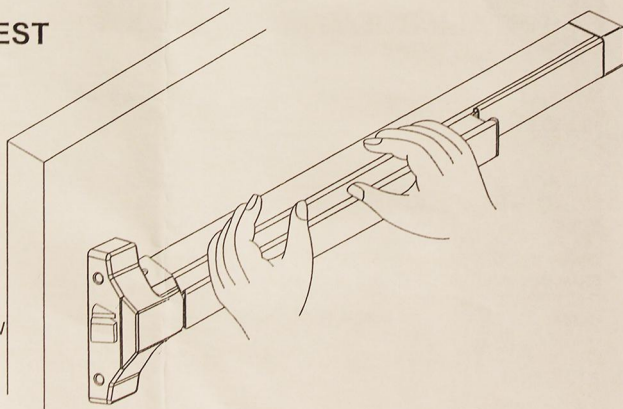


4. $1/4"-20$ P
FLAT HEAD
SCREW

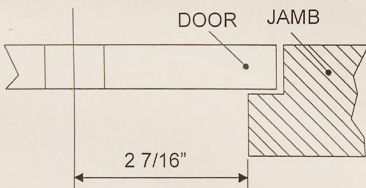
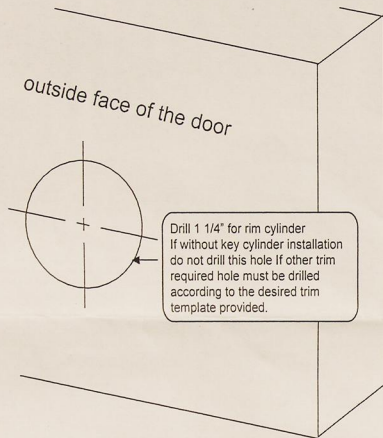
NOTE: INSTALL STRIKE SHIM UNLESS THE EXIT DEVICE HEAD COVER RUBS THE ROLLER STRIKE. THEN REMOVE THE STRIKE SHIM TO GAIN ADDITIONAL CLEARANCE.

9 OPERATION TEST

PRESS DOWN THE PUSH RAIL. OPEN AND CLOSE DOOR A FEW TIMES AFTER INSTALLATION COMPLETED

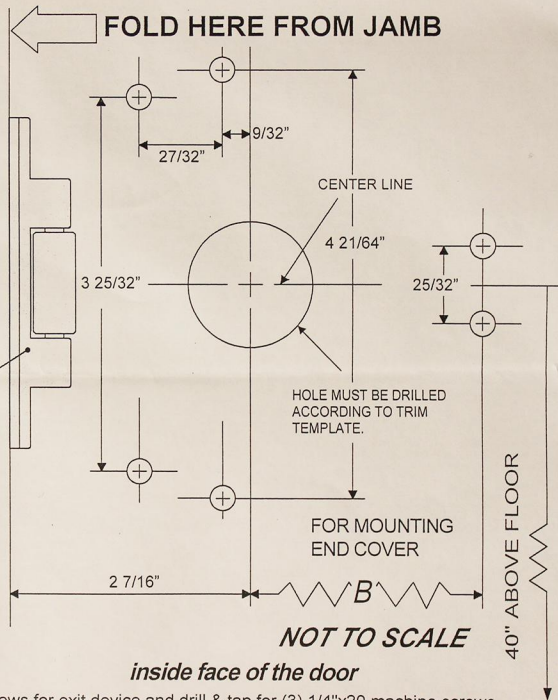


TEMPLATE FOR



(A) For RDC5R10 (UL Listed)-Drill & tap for (6) 1/4"x20 machine screws for exit device and drill & tap for (3) 1/4"x20 machine screws for Roller Strike

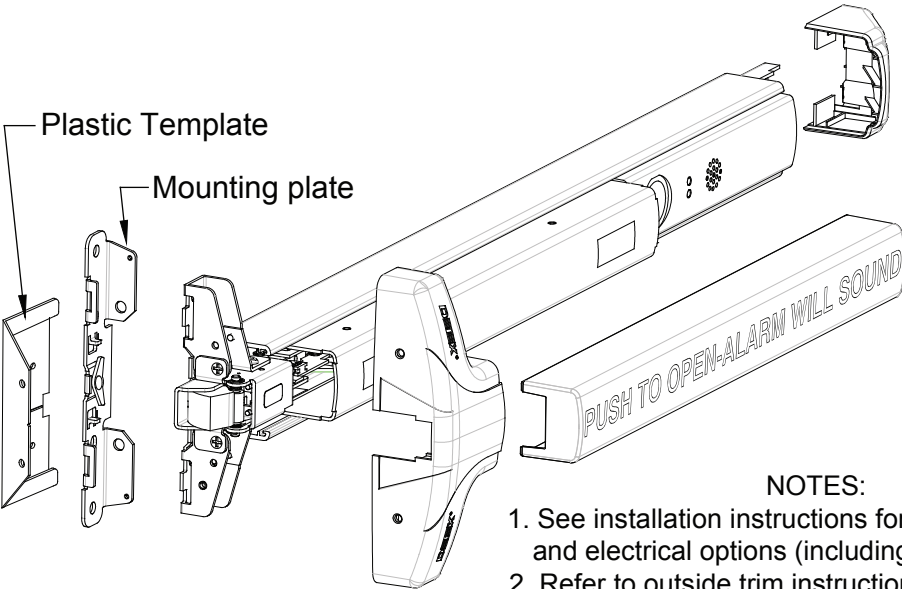
(B) For RDA5R00 (Fire Rated)-Drill 9/32" holes inside and 3/8" holes outside for the (6) thru bolts and drill & tap for (3) 1/4"x20 machine screws for Roller Strike.



QUICK INSTALL GUIDE USING PLASTIC TEMPLATE AND MOUNTING PLATE

VALUE SERIES®

V40/V4000 Series Rim Device (Refer to Installation Manual for Detail)

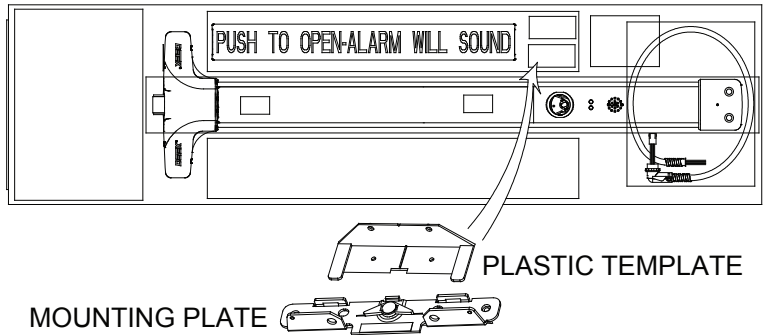


NOTES:

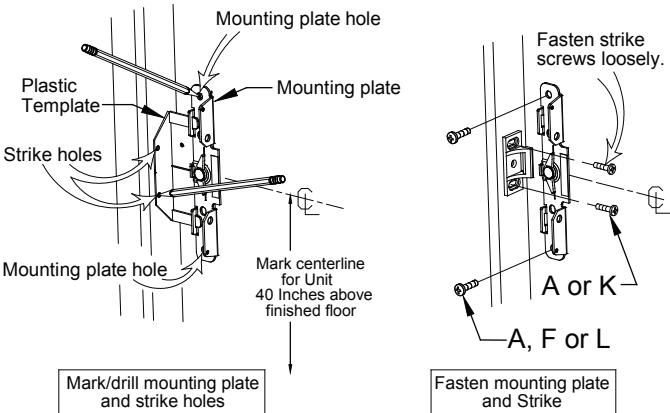
1. See installation instructions for detailed installation, operation and electrical options (including glass door applications).
2. Refer to outside trim instructions.
3. Hurricane models - refer to installation booklet for special requirements.
4. Optional sex bolt kit: p/n SN1-X.
5. Optional wood door screw kit: p/n 103991.

Machine Screws				Sheetmetal / Wood Screws		Self-drilling Screws	
A #1/4-20 x 1" Drill Size: #7 or Ø13/64"	B #1/4-20 x 1/4"	C #10-24 x 5/8" Drill Size: #25 or Ø9/64"	D #6-32 x 3/8"	F #14 x 1-1/4" Drill Size: 3/16"	G #10 x 1"	K #14 x 1"	L #14 x 1-1/2"

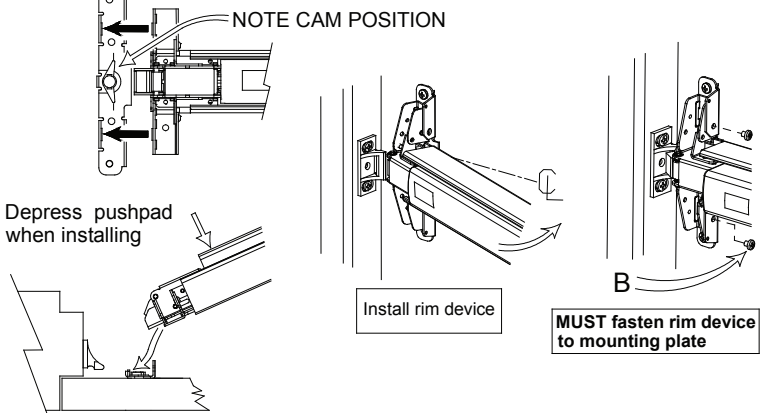
STEP 1 - LOCATE MOUNTING PLATE & PLASTIC TEMPLATE



STEP 2 - INSTALL MOUNTING PLATE

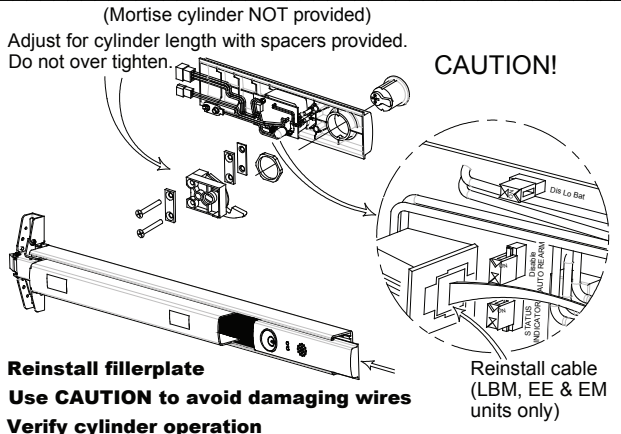


STEP 3 - INSTALL DEVICE TO MOUNTING PLATE

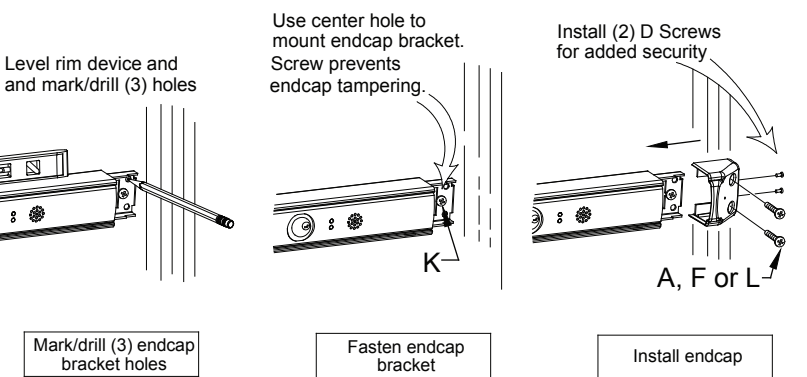


Illustrations for reference only.

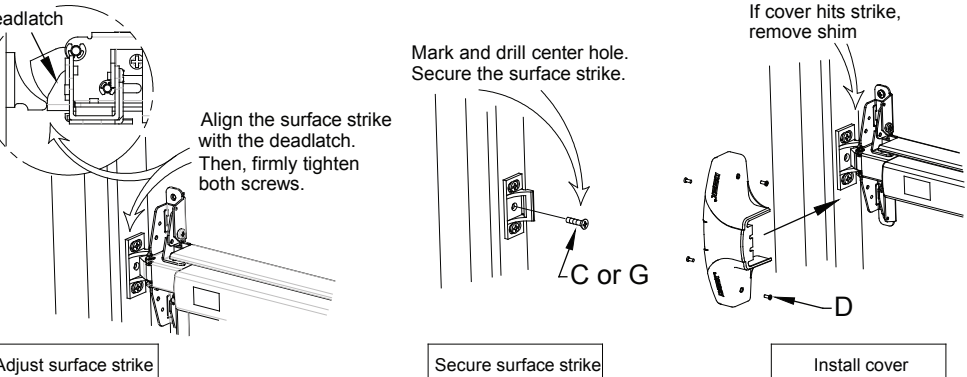
STEP 4 - INSTALL CYLINDER



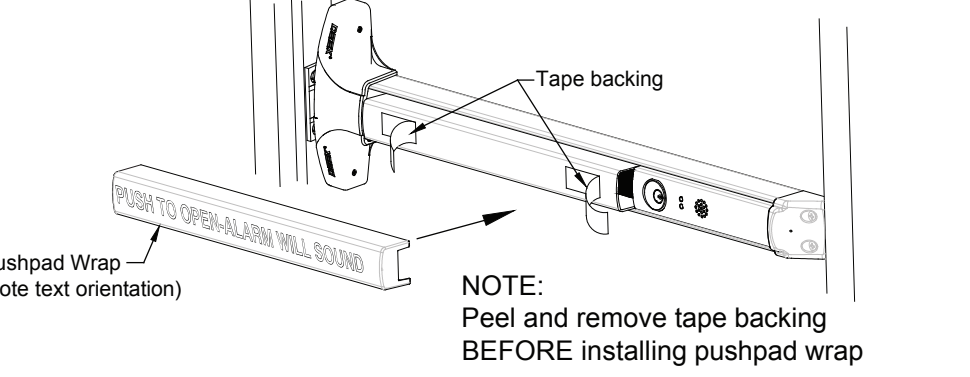
STEP 5 - INSTALL ENDCAP BRACKET AND ENDCAP



STEP 6 - ADJUST STRIKE AND INSTALL COVER

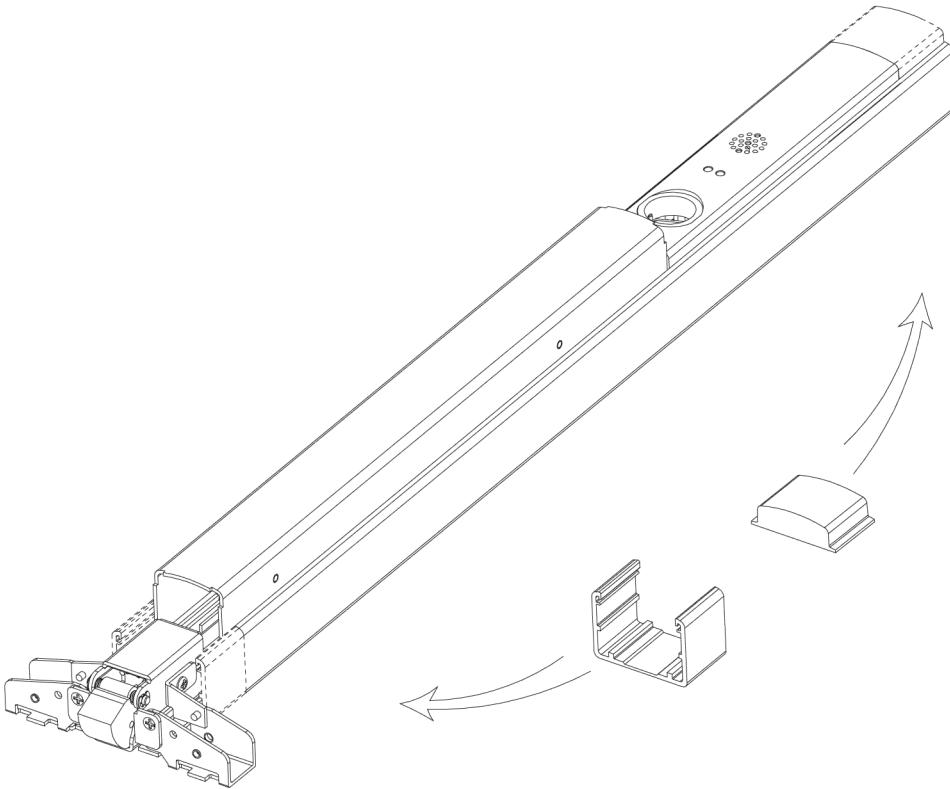


STEP 7 - INSTALL PUSHPAD WRAP

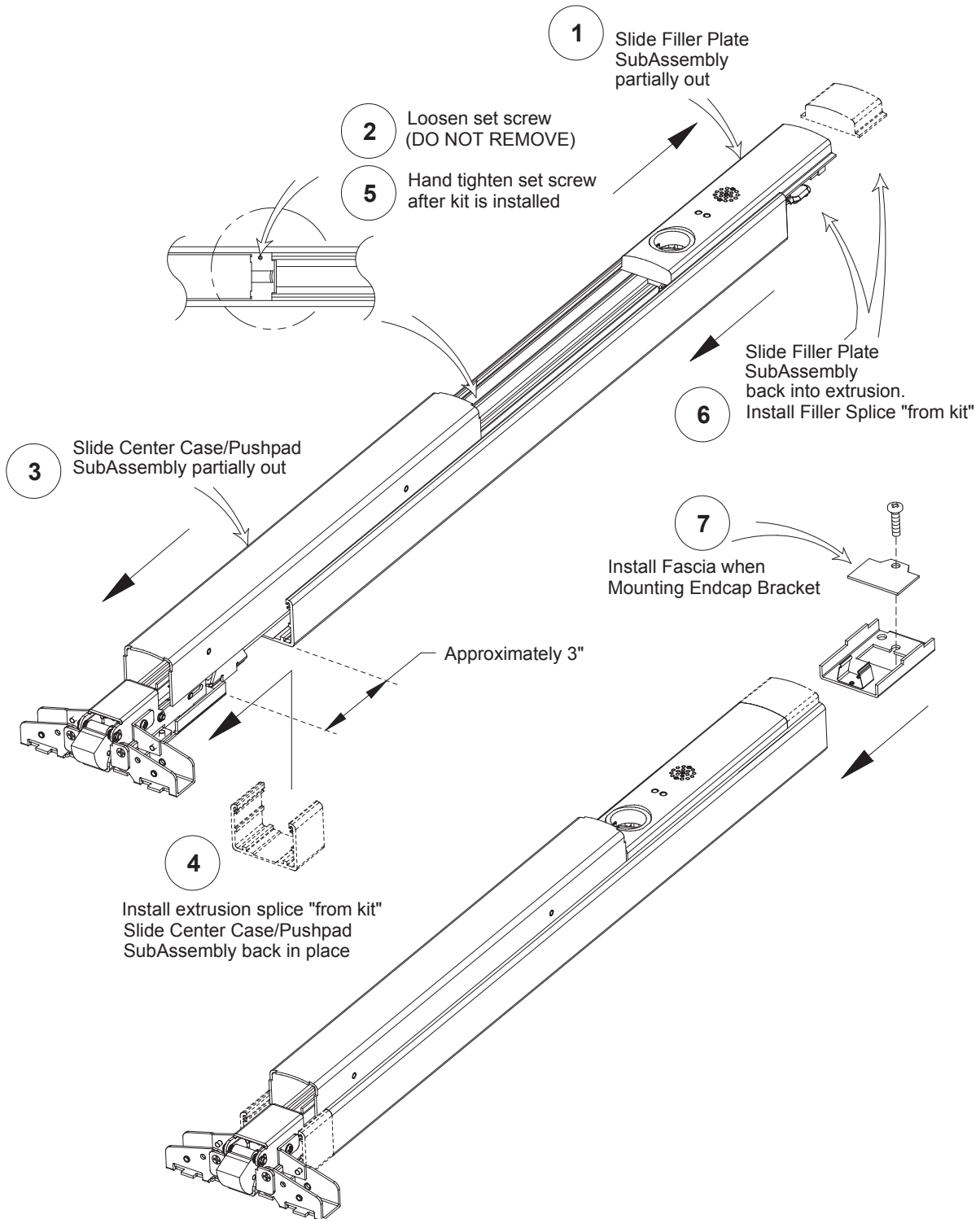


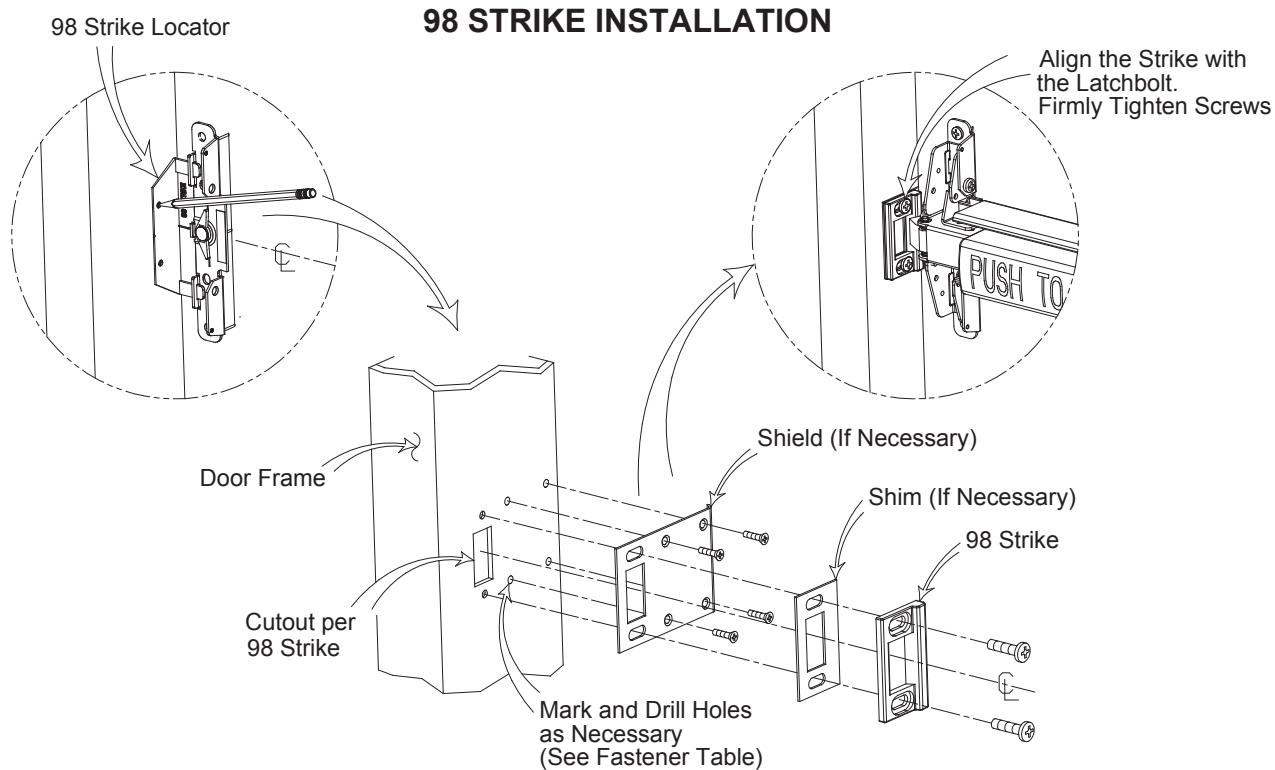
DETEX PANIC DEVICES OFFERED BY LOCKEYUSA
PHONE: 989-773-2363 FAX: 989-772-1936
WWW.LOCKEYUSA.COM

INSTALLATION INSTRUCTIONS FOR NARROW STILE RIM DOOR KIT - DETEX VALUE SERIES™



Narrow Stile RIM Door Kit Installation





Fastener Table					
			Drill Bit	Tap Wrench	Comments
					Use Either Machine Screws, Sheet Metal Screws, or Sex Nuts
	#6-32 x 5/8"	PPH	#36 or 7/64	#6-32 Tap	Used on 98 Strike Shield Mounting Holes
	#6-32 x 3/8"	PPH	----	----	Used to Mount Centercase Cover and Endcap
	#10-24 x 5/8"	PPH	#25 or 9/64"	#10-24 Tap	Used on 99 Strike Center Mounting Hole
	#1/4-20 x 1/4"	PPH	----	----	Used to Fasten Centercase Unit onto Backplate
	#1/4-20 x 1"	PPH	#7 or 13/64"	#1/4-20 Tap	Used on Strike, Backplate, and Endcap Mounting Holes
	#6 x 1"	PPH	9/64"	----	Used on 98 Strike Shield Mounting Holes
	#10 x 1"	PPH	#22 or 5/32"	----	Used on 99 Strike Center Mounting Hole
	#14 x 1-1/4"	PPH	7/32"	----	Metal Applications Used on Strike, Backplate, and Endcap Mounting Holes
	#1/4-20	PPH	15/64"	----	Mullion
		PPH	3/16"	----	Wood Applications Used on Backplate, and Endcap Mounting Holes
	#10-32	----	9/32" Interior Door Face	----	Recommended on Fire Rated Wood and Unreinforced Hollow Metal Doors Used on Backplate and Endcap Mounting Holes
		----	3/8" Exterior Door Face	----	Recommended on Fire Rated Wood and Unreinforced Hollow Metal Doors Used on Strike Hook Mounting Holes

Note: (1) Fastener selection will vary per catalog configuration and kits ordered.



GB210 Gate Box

Designed for use with a knob or a lever & the **LockeyUSA M210**

4 3/4" W

9 3/4" H

1 3/4" D

**Shown with
lock & knob
installed:**



**Lock & Knob
sold separately.**

2 1/8"
standard prep



**Lockey ADD-A-BOLT
Installation Instructions**

Using the provided template, determine where you want to mount the lock, and mark the proper holes.

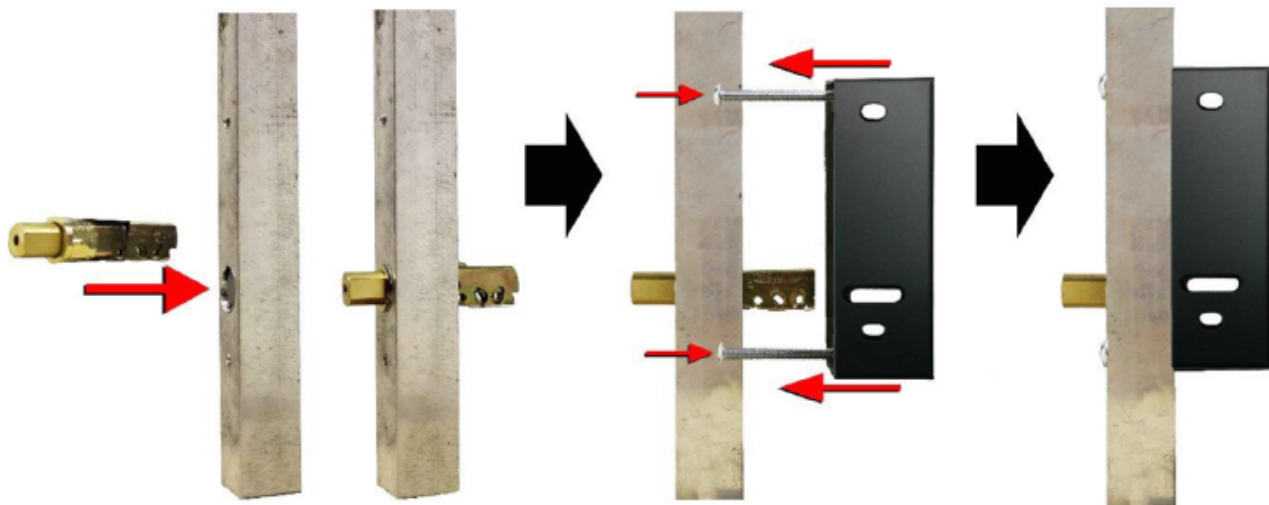
Drill a 15/16" hole for the drive in deadbolt. File to fit.

Drill the (2) 15/64" holes

Install the drive in deadbolt, making sure it is right side up.

Using the 2 bolts provided, mount the gate box.

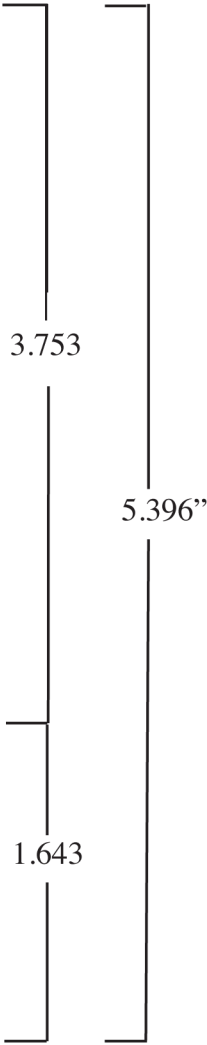
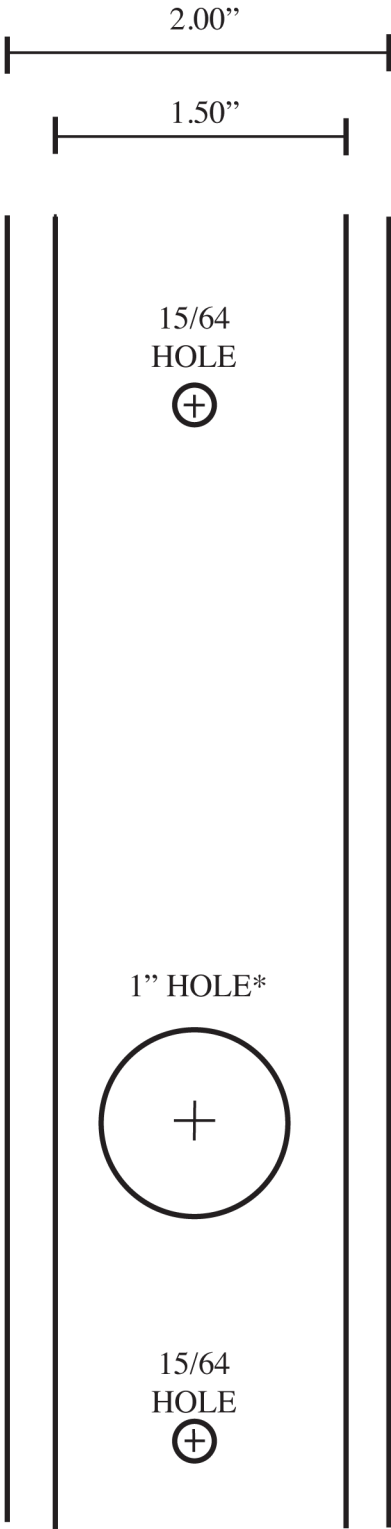
Proceed to follow the M210 instructions (included) on how to install the lock to the gate box



ADD-A-BOLT
TEMPLATE
FOR LOCKEY USA M210



WWW.LOCKEYUSA.COM



* HIGHLY RECOMMENDED TO DRILL HOLE 15/16" AND
FILE TO FIT. A SLOPPY BOLT WILL NOT SEAT PROPERLY

LOCKEY GB-LINX INSTALLATION INSTRUCTIONS

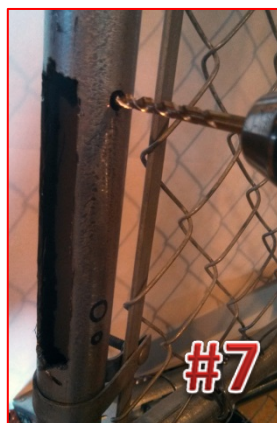
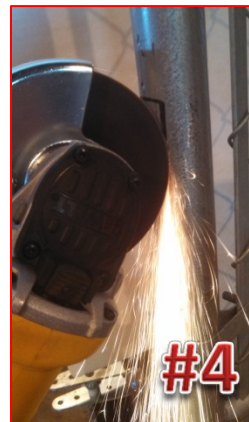
GB2900 LINX | GB2985 LINX



- 1.) Place GB-LINX Box on gate post in desired placement.
- 2.) Draw an outline of the latch/deadbolt on gate post/style.
- 3.) Remove box from post. Place latch/deadbolt to post, ensuring the outline clears the edges of the latch/deadbolt.
- 4.) Using an end grinder or sawzall, cut around the outline, removing a rectangular section from the gate post/style.
- 5.) Place latch/deadbolt into hole to ensure the body fits with no bind points.
- 6.) Place GB-LINX Box and latch/deadbolt onto gate, ensuring a proper fit. Now, mark holes for the lock and spindle.
- 7.) Remove GB-LINX Box and latch/deadbolt, and drill marked holes for the lock and spindle.
- 8.) Place GB-LINX Box and latch/deadbolt onto the gate. Secure latch/deadbolt to the GB-LINX Box with screws.
- 9.) Insert spindle through latch/deadbolt and test to make sure movement is free from any binding.
- 10.) Install lock to GB-LINX Box. Mount the lock to the gate post. The mounted lock will hold the GB-LINX Box in place.

**Reference 2900 Series Instructions and Diagrams to properly install the lock.*

SEE PICTURES BELOW FOR ADDITIONAL INSTALLATION REFERENCES





TB-LINX KIT INSTRUCTIONS

Part Name	Qty.
Triangular Mounting Bracket (included w/ Gate Closer)	1
Gate Bracket (included w/ Gate Closer)	1
Post-Mount Collar	1
U-Bolt – 3 x 4 ½	1
Lock-Nuts – 3/8	2
Lock-Nuts – 1/4	2
Bolts 1/4 x 1	2
Self-Tapping Screws	2

The TB-LINX Kit is intended to adapt your TB200/400/600 or TB250+/450+/650+ Hydraulic Gate Closer to fence posts 3-inches or smaller. The TB-LINX kit comes with a 3" U-Bolt to fit to a 2 7/8" post.

If the post is smaller than 3-inches, a smaller U-Bolt must be used to match the post size.

IMPORTANT:

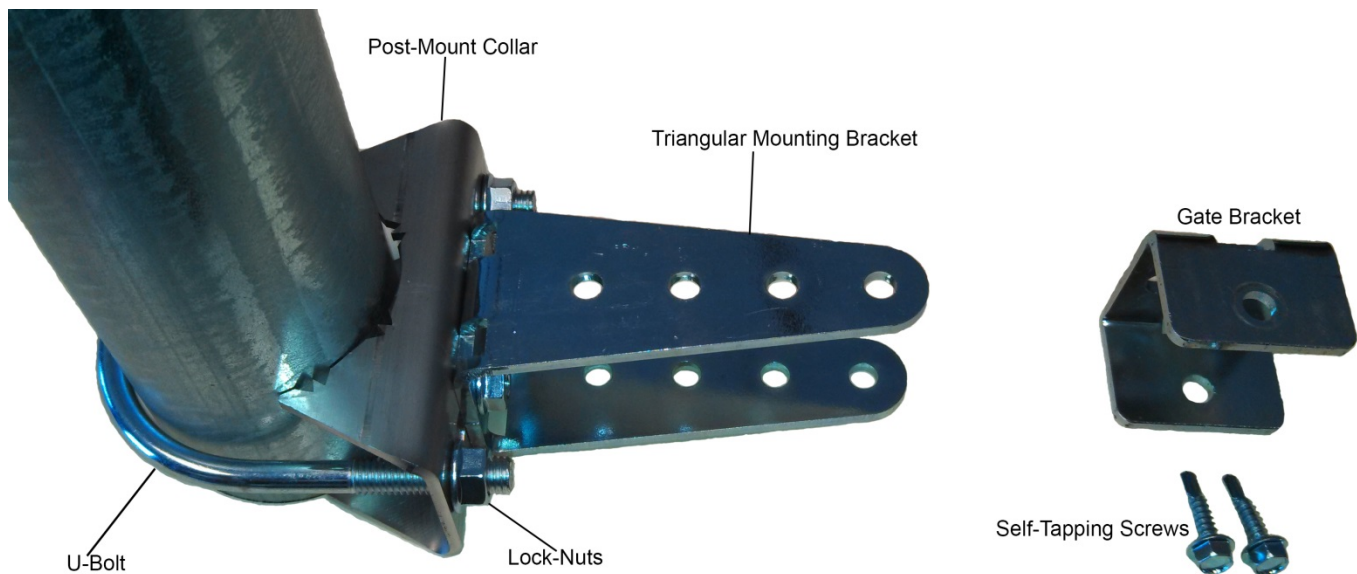
TB200/400/600 and TB250+/450+/650+ Gate Closers will not work with Bulldog Style hinges. You MUST use a center pin/pivot type hinges or Male/Female style with center pivot pin.

IMPORTANT: BEFORE INSTALLATION OF THE CLOSER IT IS IMPORTANT TO MEASURE THE DISTANCE FROM THE TRIANGULAR BRACKET TO GATE BRACKET IN THE 90-DEGREE OPEN POSITION. THE DISTANCE MUST NOT BE LESS THAN 22". IF LESS THAN 22", THE GATE CLOSER MAY HYPER-COMPRESS AND VOID THE WARRANTY.

IN MOST CASES, HOLES 3 & 4 ON THE TRIANGULAR BRACKET (HOLES FURTHEST FROM THE POST), WILL NOT CREATE SUFFICIENT DISTANCE (22") BETWEEN THE TRIANGULAR BRACKET AND GATE BRACKET.

TO INSTALL:

1. Mount the Triangular Mounting Bracket to the flat-side of the Post-Mount Collar using the two (2) 1/4" x 1" bolts and securing with two (2) 1/4" Lock Nuts.
2. Place collar to the OPEN side of POST and attach with 3 x 4 ½" U-BOLT and secure with two 3/8" Lock Nuts. The gate must swing towards the Triangular Bracket and the Triangular Bracket should be on a 90 degree angle from gate.
3. You are now ready to mount the Gate Closer. Use the 2 self-tapping screws to fit Gate Bracket to gate. (REFER TO GATE CLOSER INSTRUCTIONS)





TB950-LINX

KIT INSTRUCTIONS

Part Name	Qty.
Weldable Plates	2
U-Bolt – 3 x 4 ½	2
Lock-Nuts – 3/8	4
Post-Mount Collar	2

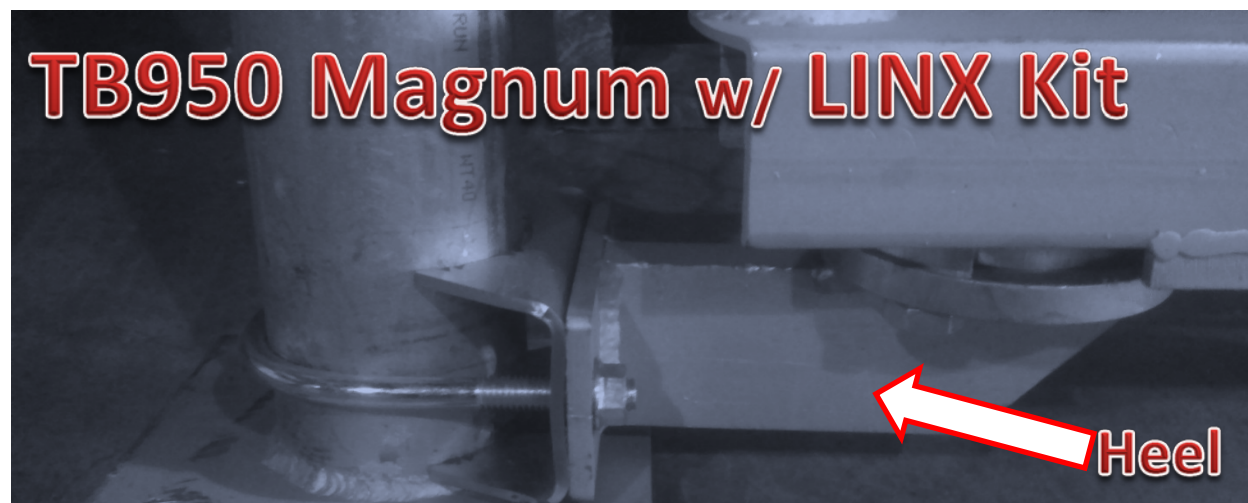
The TB950-LINX Kit is intended to adapt your TB950 Magnum Hydraulic Gate Closer to fence posts 3-inches or smaller. The TB950-LINX kit comes with a 3" U-Bolt to fit to a 2 7/8" post.

If the post is smaller than 3-inches, a smaller U-Bolt must be used to match the post size.

TO INSTALL:

Mounting the TB950 Magnum w/ TB950-LINX Kit

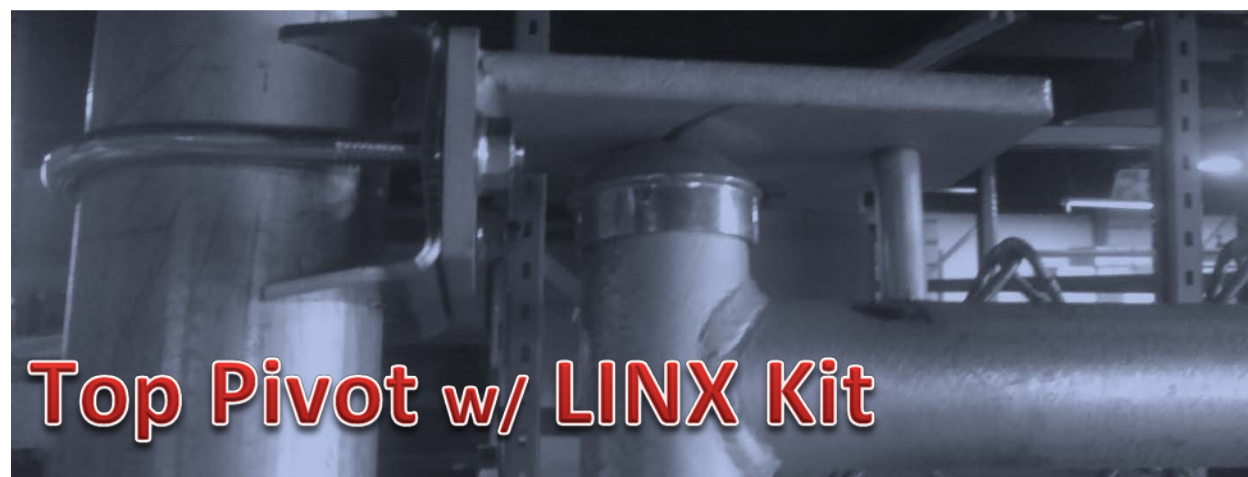
1. Determine the desired gap from the gate to the post.
2. Cut the heel of the TB950 Magnum to desired length.
3. Before welding, remove bearings and bushings from the gate closer.
4. Place Weldable Plate to the heel of the TB950 Magnum and center.
5. Weld the Plate to the heel of the closer.
6. Secure the TB950 Magnum to the Gate Closer using the Post-Mount Collar, U-Bolt and Lock-Nuts.



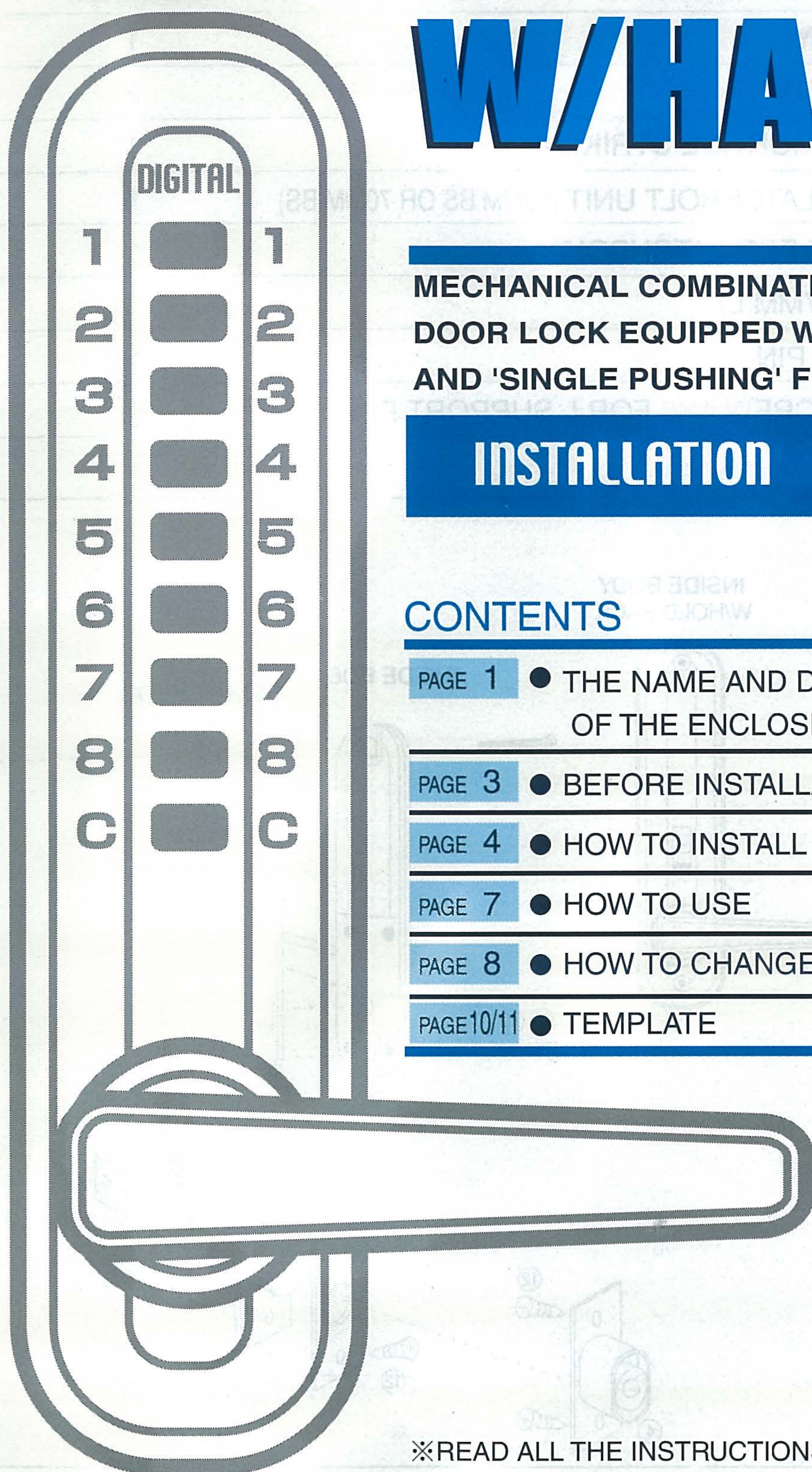
Mounting the Top Pivot w/ TB950-LINX Kit

1. Measure the distance from the edge of the gate post to the center pivot of the TB950 Gate Closer (shown above).
2. Measure and mark the Top Pivot with the exact measurement from Step 1 (include Weldable Plate in measurement).
3. Cut Top Pivot accordingly to attain desired distance.
4. Place Top Pivot plate to the Weldable Plate.
5. Weld the Plate to the Top Pivot.
6. Secure the Top Pivot to the Gate Post using the Post-Mount Collar, U-Bolt and Lock Nuts.

**NOTE: Center pivot points of the Gate Closer and Top Pivot must be an equal distance from the edge of the gate post.*



DIGITAL DOOR LOCK SUPER8 W/HANDLE



MECHANICAL COMBINATION ACCESS CONTROL
DOOR LOCK EQUIPPED WITH 'DOUBLE PUSHING'
AND 'SINGLE PUSHING' FUNCTION

INSTALLATION INSTRUCTIONS

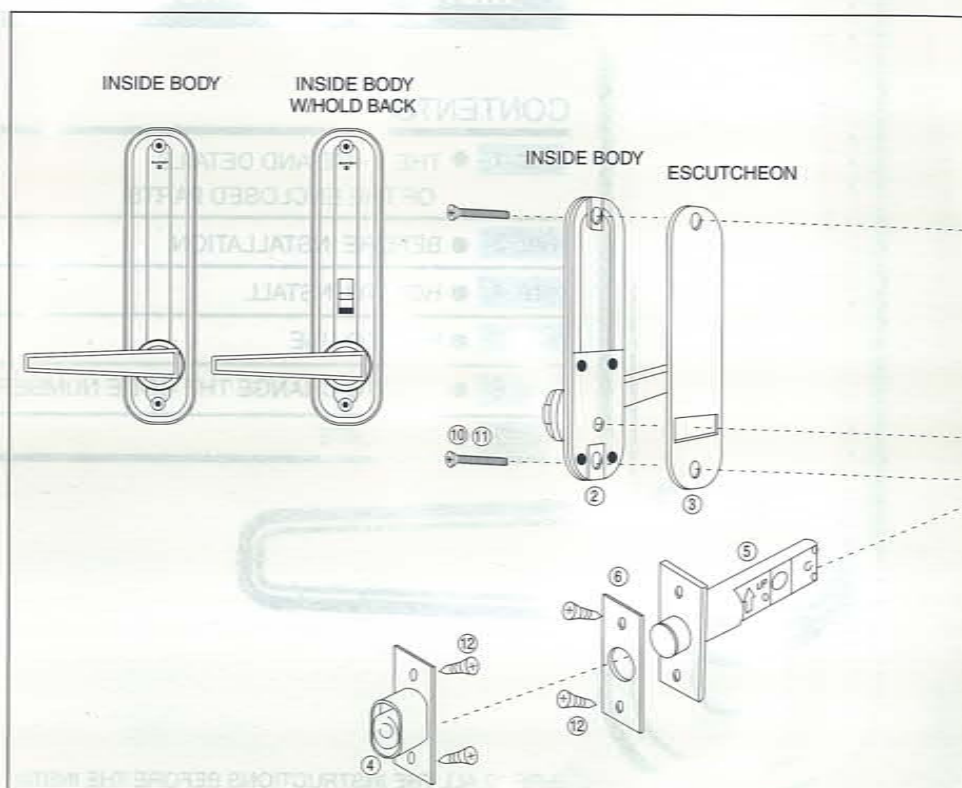
CONTENTS

- PAGE 1 ● THE NAME AND DETAILS
OF THE ENCLOSED PARTS
- PAGE 3 ● BEFORE INSTALLATION
- PAGE 4 ● HOW TO INSTALL
- PAGE 7 ● HOW TO USE
- PAGE 8 ● HOW TO CHANGE THE CODE NUMBER
- PAGE 10/11 ● TEMPLATE

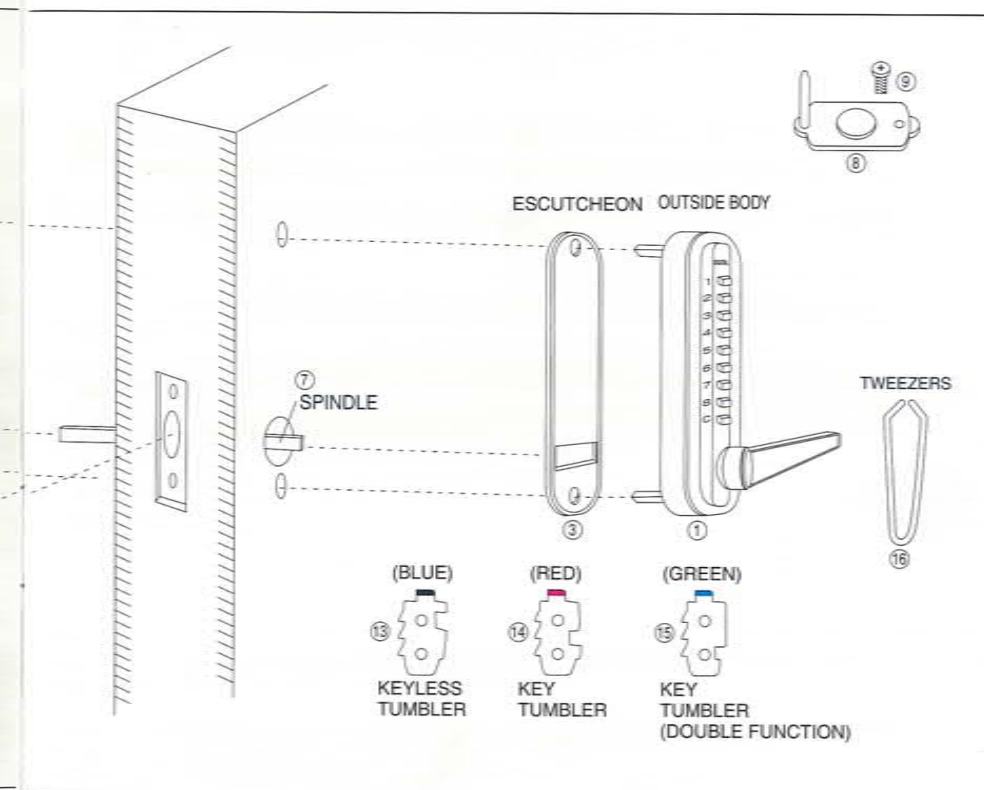
※READ ALL THE INSTRUCTIONS BEFORE THE INSTALLATION

I THE NAME AND DETAILS OF THE ENCLOSED PARTS

NO.	NAME OF PARTS	
1.	OUTSIDE BODY	1PCE
2.	INSIDE BODY	1
3.	ESCUTCHEON	2
4.	MAGNETIC MORTISE STRIKE	1
5.	MAGNETIC LATCHBOLT UNIT (60MM BS OR 70MM BS)	1
6.	FACE PLATE FOR LATCHBOLT	1
7.	SPINDLE (87MM L)	1
8.	L SUPPORT PIN	1
9.	MACHINE SCREW 4X6 FOR L SUPPORT PIN	1



NO.	NAME OF PARTS	
10.	MACHINE SCREW 4×55	2PCS
11.	MACHINE SCREW 4×45	2
12.	WOOD SCREW 4×16	4
13.	KEYLESS TUMBLER(BLUE)	1
14.	KEY TUMBLER(RED)	1
15.	DOUBLE FUNCTION KEY TUMBLER (GREEN)	1
16.	TWEEZERS	1
17.	CODE NUMBER CARD	1
18.	INSTALLATION INSTRUCTIONS	1



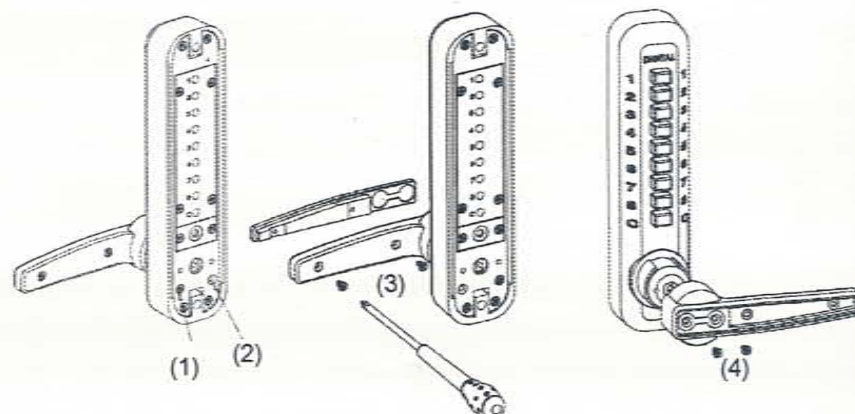
I

BEFORE INSTALLING THE DIGITAL DOOR LOCK, "SUPER-8"

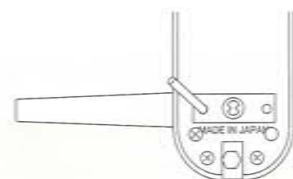
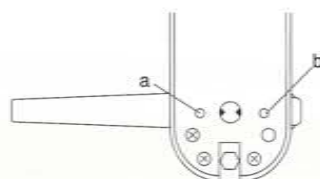
CONFIRM THE HAND OF OPENING

The lock comes factory set for right hand opening, if your door is hinged on the right from the entry side then proceed to HOW TO INSTALL after installing the L support pin as per below. If your door is hinge on the left from the entry side then follow changing the hand of opening to left hand.

CHANGING THE HAND OF OPENING TO LEFT HAND



- Move the screw (1) into position (2)
- Remove the two screws (3) from the inside of the handle releasing the handle cover.
- Remove the two screws (4) that connect the handle to the lock, lift the handle off and reverse it to left hand. Replace all screws securely.
- Repeat the same with the inside handle.
- On the entry side of the lock either side of the spindle cog there are two holes(a,b), screw the L support pin into the following position for R/H opening and the opposite position for L/H opening.



FOR RIGHT HAND

III

HOW TO INSTALL THE DIGITAL DOOR LOCK, "SUPER-8"

Using the template provided on page 10 for 60m/m B.S. or 11 for 70m/m B.S., decide on the position you want your lock.

- Mark the hole centers for each of the 3 holes on the surface of the door, and for the latch bolt at the center of door edge through the template.
- Drill the 3 holes, the upper and lower 2 holes @10mm dia and 3rd larger hole @36mm dia.) the hole in the edge of the door @25mm dia for the latch bolt.

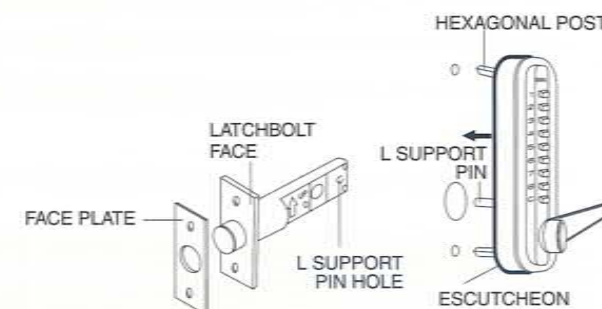
... "60MM BACK SET" is 85mm depth ...

... "70MM BACK SET" is 95mm depth ...

Insert the latch bolt into the slot making sure the arrow faces upwards and scribe a line around the latch-bolt face. Remove it.

Chisel out the scribed space until the latch bolt face is flush with the surface of the door edge.

Fasten latch bolt unit with the wood screws(4×16), evenly.



Insert the 2 hexagonal posts into the upper and lower holes of the front body and place the escutcheon on. Position the front body onto the door.

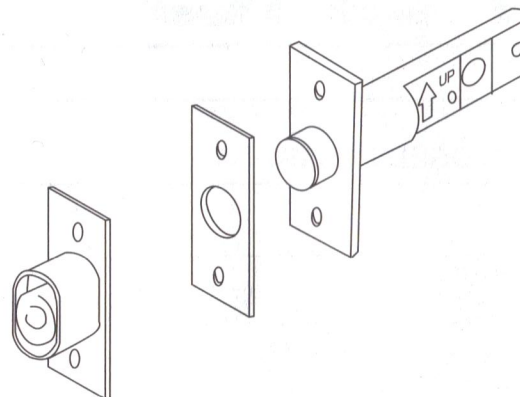
NOTE-CONFIRM THAT THE SUPPORT PIN IS INSERTED INTO THE SUPPORT PIN HOLE OF THE LATCHBOLT UNIT, SMOOTHLY.

CONT' HOW TO INSTALL THE DIGITAL DOOR LOCK, "SUPER-8"

Before closing the door test your lock from the inside and out side to ensure it is set correctly.

AFTER CONFIRMING THE ABOVE

Close the door and decide on the position where the latch bolt head touches the face of the door jamb. And mark the hole for the mortise strike. After that, chisel out the space for the magnetic strike box. Fasten them with the wood screws.



IV HOW TO USE THE DIGITAL DOOR LOCK, "SUPER-8"

1. When the door is closed, the "SUPER-8" locks automatically.
2. From the inside, unlock using the lever handle.
3. From the outside, unlock by pressing the correct code and then using the lever handle.

"HOLDBACK" DEVICE

The holdback holds the latch bolt head back; this is very convenient. When using the code is not always necessary.

TO OPERATE

Pull the inside handle down until the latch bolt head retracts fully, and push the holdback down.

To restore push up the holdback.

V HOW TO CHANGE THE CODE NUMBER

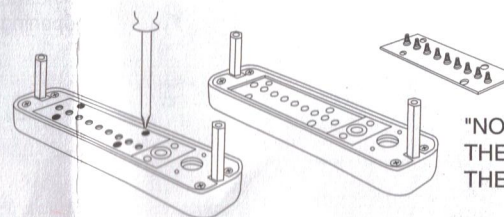
TO PREVENT ANY PROBLEMS OR DAMAGE,
READ THE FOLLWING INSTRUCTIONS BEFORE CHANGING YOUR CODE

Hold the front lock body in the horizontal position.
Remove the 4 red screws and take the lid off carefully.

THE CODE TUMBLER

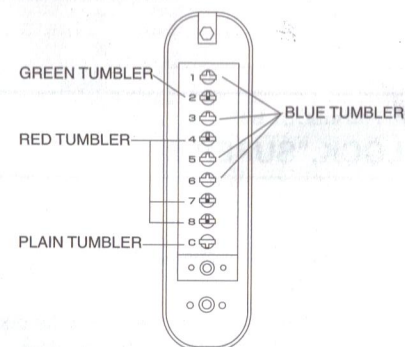
THE GREEN COLOURED ARE THE TUMBLERS FOR 'DOUBLE PUSHING'
THE RED COLOURED ARE THE TUMBLERS FOR 'SINGLE PUSHING'
THE BLUE COLOURED ARE KEYLESS TUMBLERS 'NON-CODE'
THE PLAIN TUMBLER IS THE 'C' BUTTON (TO CLEAR) NEVER REMOVE THIS TUMBLER

FOR EXAMPLE THIS "CODE NUMBER" IS MADE UP OF THE "C" TO
CLEAR THEN 22478
WHILST PUSHING IN THE 'C' BUTTON,AND USING THE TWEEZERS
PROVIDED, PLACE YOUR CODE TUMBLERS INTO POSITION



"NOTE
THERE ARE 9 SPRINGS IN
THE BACK OF THE LID.

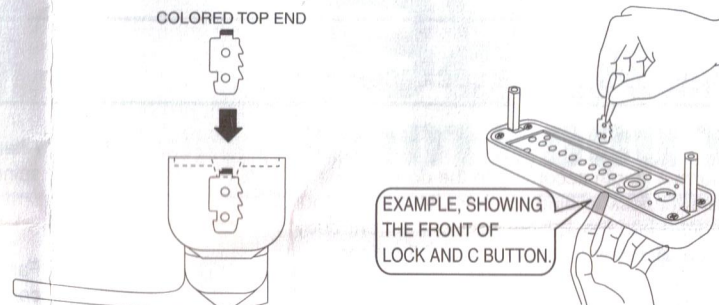
GREEN IN HOLE NO.2 RED
IN HOLE'S NO4,7&8
BLUE IN THE REMAINING



V HOW TO CHANGE THE CODE NUMBER

TO INCREASE AND DECREASE THE NUMBER OF DIGITS USED IN YOUR CODE ADD
MORE RED AND GREEN TO INCREASE, ADD MORE BLUE TO DECREASE.

IT IS VERY IMPORTANT TO REPLACE THE CODE TUMBLERS IN THE CORRECT WAY.
THE COLORED TOP END MUST ALWAYS FACE UPWARDS.
AND THE SIDE OF THE TUMBLER THAT HAS THE RAISED NOTCHES MUST FACE TOWARD
THE TOP OF THE LOCK.
**REMEMBER TO KEEP THE 'C' PRESSED IN WHILE REMOVING AND REPLACING THE
TUMBLERS.**



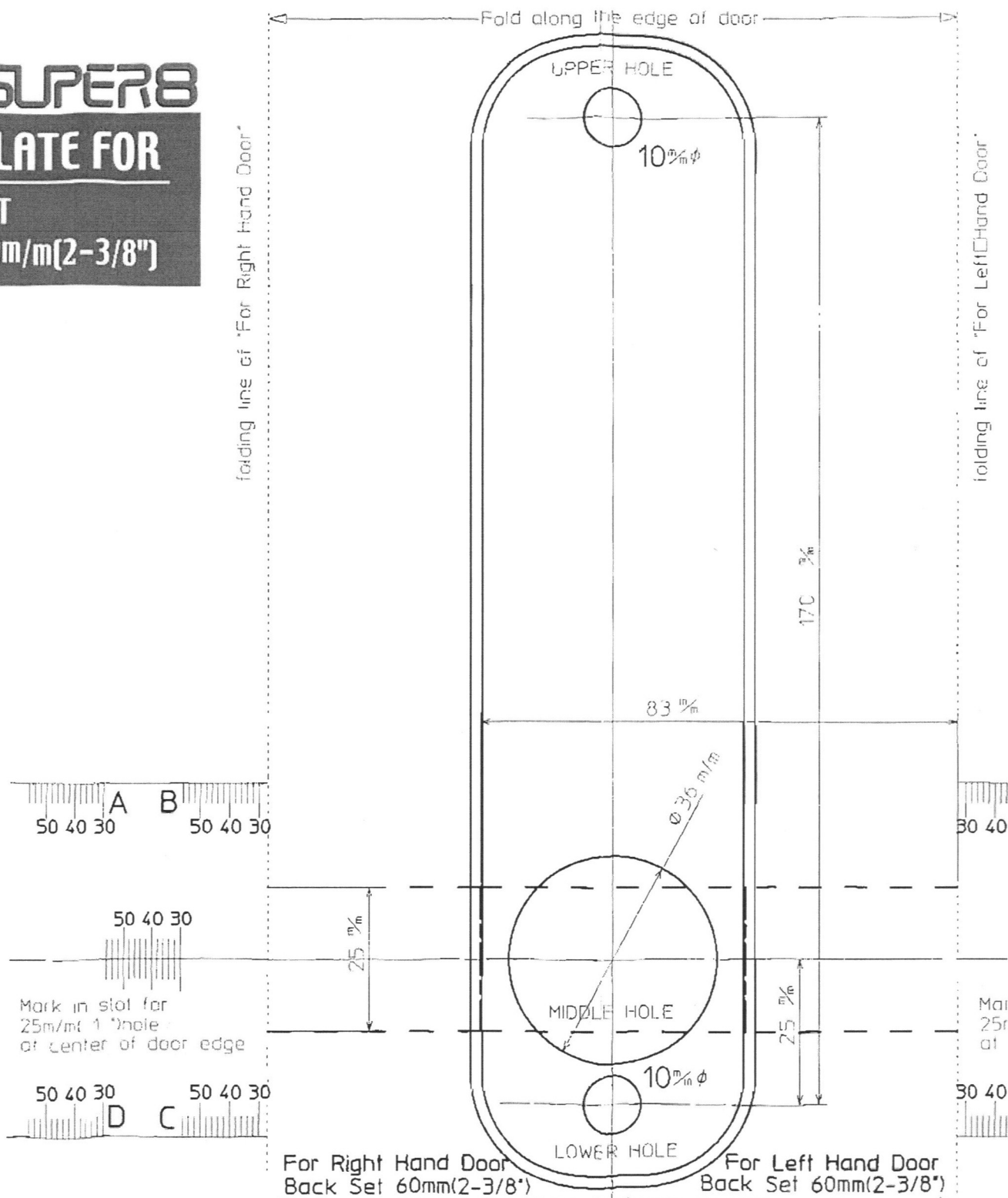
REPLACE THE PLATE CAREFULLY AND NOW TEST
YOUR CODE BEFORE REPLACING IT ON THE DOOR.

DIGITAL DOOR LOCK **SUPER8**

TEMPLATE FOR

BACK SET

60mm(2-3/8")



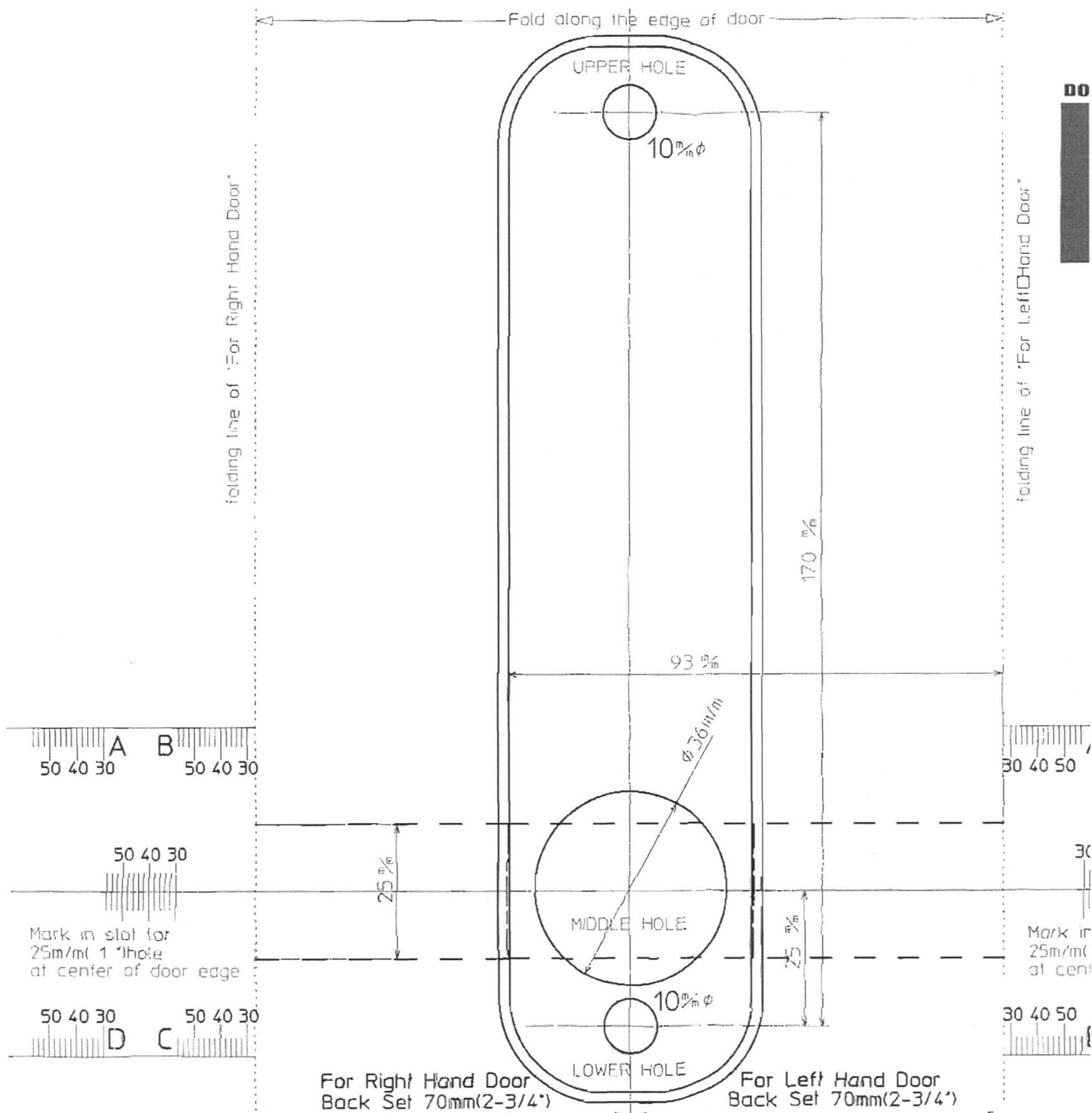
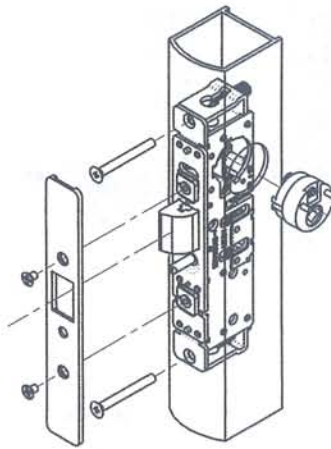


Figure 1:



7070N

This 7070N is a retro fit to replace the key cylinder on your Adams Rite LATCH style door lock. This is only intended to replace the cylinder. If you need the latch or push paddle, you will need to order additional parts.

Mounting Instructions For 7070N Adams Rite Retro fit

- 1). Take out keyed cylinder and replace with the 4580 cylinder, as per instructions for the Adams Rite 4580 mounting guide. Be sure to hand door to right or left.
- 2). After the 4580 Adams Rite cylinder has been installed place the square tail piece into the 4580.
Note: A right hand and left hand tail piece are supplied. For your application, use the tail piece that is closest to the 6:00; 12:00 position or the most vertical position. See Figure 2.
- 3). After proper tail piece is in place, place the metal trim plate onto door, over the tail piece. Place tail piece center into the center round hole. When trim plate is centered to tail piece mark top and bottom hole with pencil. After holes are marked, drill holes with a 3/8" drill bit. (Note: Do not drill all the way through, rather only through the first wall of door frame.) When holes are drilled in top and bottom of the first wall of outside door post, change your drill bit to a 1/4" drill bit and continue through the inside wall of door post.
- 4). When holes are drilled through door, remove the 2 alignment pins on the 4580. See fig: 3

Figure 2: Tail Piece Position



Figure 3: 4580 Cylinder
Remove 2 pins



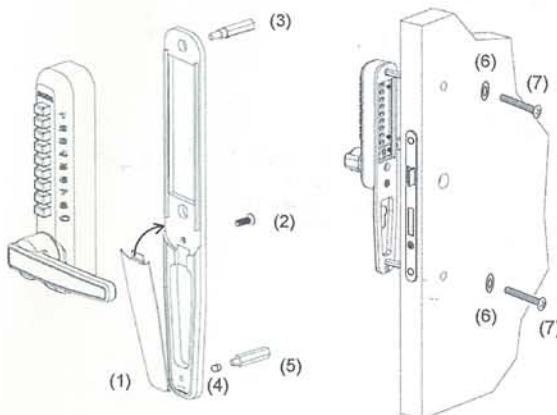
Now you are ready to install the combination lock.

To mount lock to the trim place these (7) easy steps must be followed (Fig. 4):

1. Place trim plate cover to bottom of trim plate position #1
2. Place combination lock to trim plate
3. Place m5 x 5/8" screw to bottom of lock #2
4. Place gold hex screw to top hole in lock #3
5. Place silver spacer ring #4 to short silver hex screw #5 and place into bottom hole in trim plate
6. Make sure handing and combination are set
7. Place digital door lock and trim plate to the door. Make sure tail piece is not too long. If lock bottoms out over the tail piece, you may need to break off the perforated end of tail piece to shorten.

Note: Be sure that the lock and mounting plate is centered over tail piece. It is important that it is mounted very straight. When mounting lock and tail piece is not loose fitting, lock may bind and not work freely.

Figure 4:



8. Place finish washers (#6) to M 4 x 1 1/4" mounting screws (#7).
9. Screw lock into place.

NOTE: TEST LOCK MANY TIMES BEFORE LOCKING THE DOOR TO MAKE SURE LOCK IS SET PROPERLY.

If after pushing the combination and pushing on the lever and the latch does not retract all the way in, you may need to switch the tail piece and test the opposite hand and test.

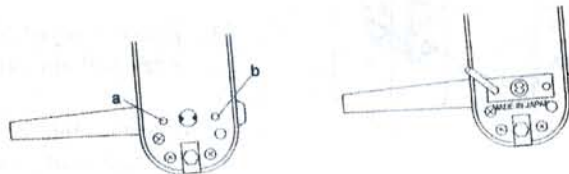
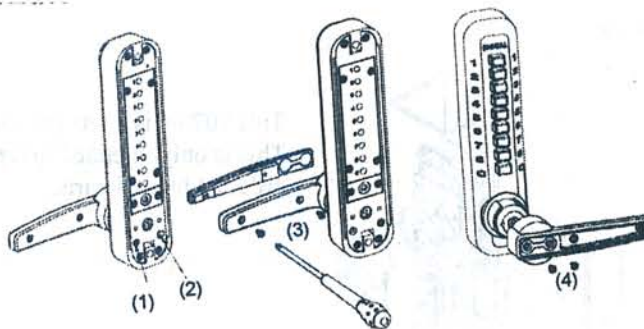
BEFORE INSTALLING THE DIGITAL DOOR LOCK, 7070N

CONFIRM THE HAND OF OPENING

The lock comes factory set for right hand opening, if your door is hinged on the right from the entry side then proceed to how to install after installing the 1 support pin as per below. if your door is hinged on the left from the entry side then follow changing the hand of opening to left hand.

CHANGING THE HAND OF OPENING TO LEFT HAND

- move the screw (1) into position (2)
- remove the two screws (3) from the inside of the handle releasing the handle cover.
- remove the two screws (4) that connect the handle to the lock, lift the handle off and reverse it to left hand. replace all screws securely.
- repeat the same with the inside handle.
- on the entry side of the lock either side of the spindle cog there are two holes (a,b), screw 1 support pin into the following position for r/h opening and the opposite position for l/h opening.



for right hand

HOW TO CHANGE THE CODE NUMBER

TO PREVENT ANY PROBLEMS OR DAMAGE, READ THE FOLLOWING INSTRUCTIONS BEFORE CHANGING YOUR CODE

Hold the front lock body in the horizontal position.
remove the 4 red screws and take the lid off carefully

note: there are 9 springs in the back of the lid.

the code tumbler

the green coloured are the tumblers for 'double pushing'

the red coloured are the tumblers for 'single pushing'

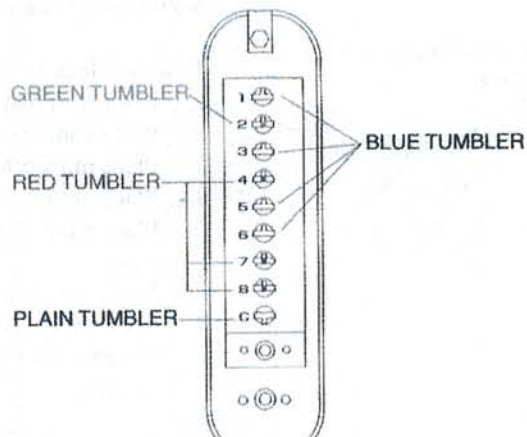
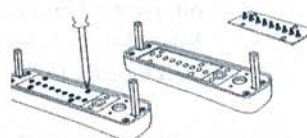
the blue coloured are keyless tumblers 'non-code'

the plain tumbler is the 'c' button (to clear) never remove this tumbler

for example this "code number" is made up of the "c: to clear then 22478

whilst pushing in the 'c' button, and using the tweezers provided, place you code tumblers into position

green in hole no. 2 red in hole's no. 4, 7 & 8 blue in the remaining



HOW TO CHANGE THE CODE NUMBER

to increase and decrease the number of digits used in your code add more red and green to increase, add more blue to decrease.

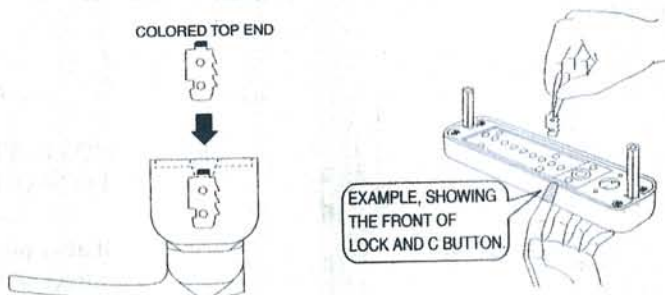
its is very important to replace the code tumblers in the correct way.

the colored top end must always face upwards.

the side of the tumbler that has the raised notches must face toward the top of the lock.

remember to keep the 'c' pressed in while removing and replacing the tumblers.

replace the plate carefully and now test your code before replacing it on the door.



DIGITAL DOOR LOCK **SUPER8**

TEMPLATE FOR

BACK SET
60mm(2-3/8")

