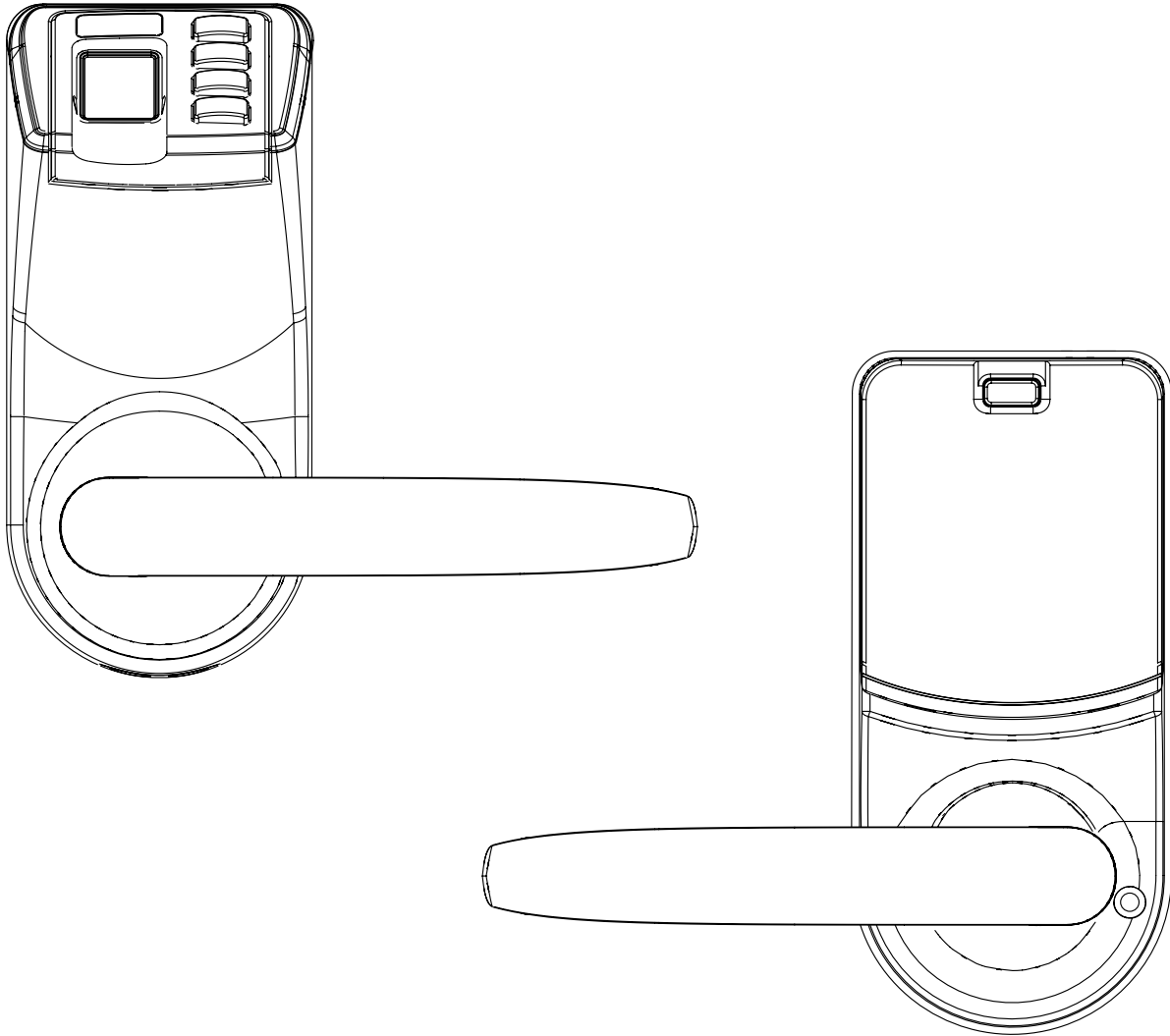


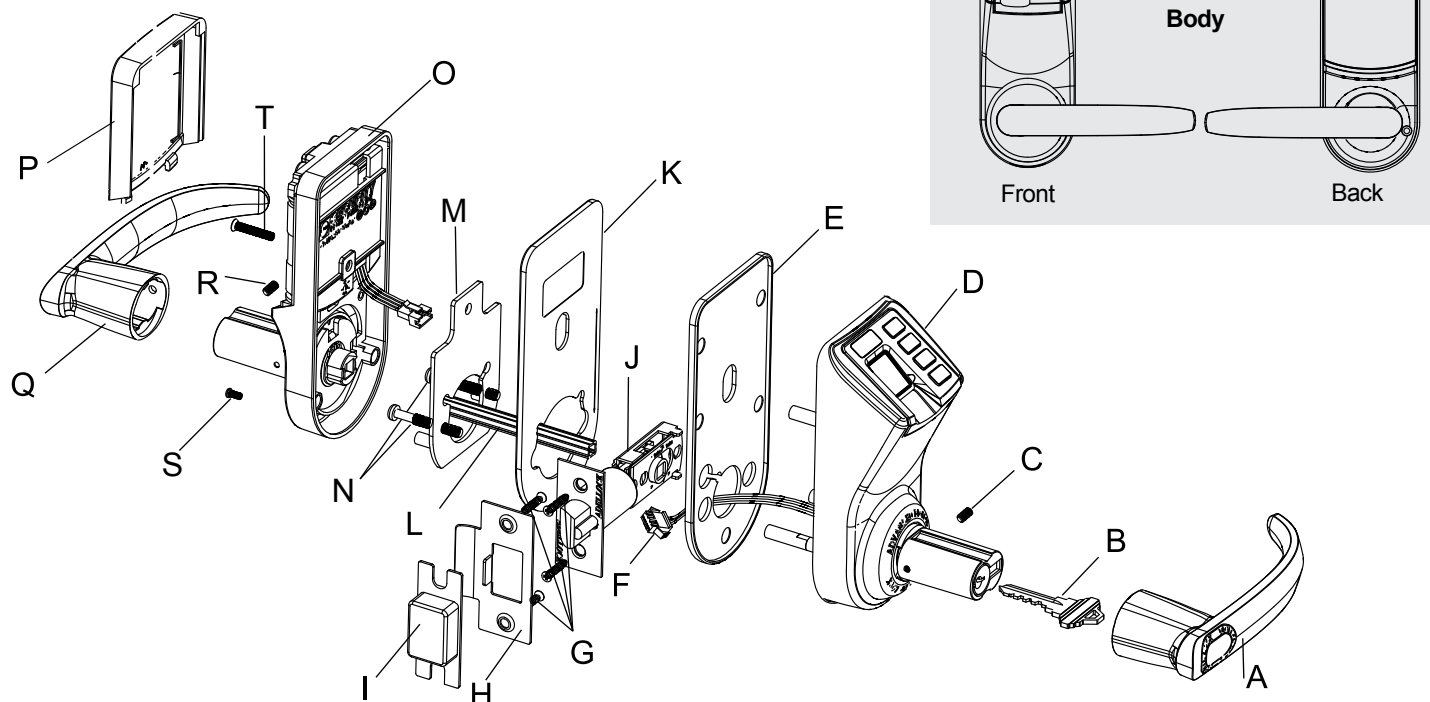


Biometric Key Pad Security Door Lock



Installation Instructions

Diagram of lock



- | | | |
|--|---|---|
| A. Front lever handle | J. Latch | Q. Back lever handle |
| B. Mechanical key | K. Back lock body gasket | R. Hexagonal screws for fixing the back handle |
| C. Hexagonal screws for fixing the front handle (M4*7) | L. Spindle | S. M4*10 screw |
| D. Front lock body | M. Back plate | T. 3 different set of screws are provided |
| E. Front lock body gasket | N. 3 different set of screws are provided | M5*20, M5*30 and M5*30, the screws are used to fix the position of the inner metal plate. |
| F. Wire connector | O. Back lock body | |
| G. Screw | P. Battery cover | |
| H. Strike plate | | |
| I. Strike box | | |

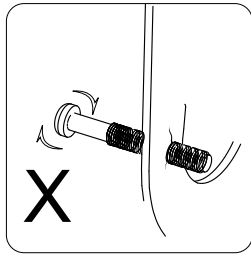
The checklist of spare parts

Diagram code	Quantity	Size (in/mm)	Appropriate for door thickness (in/mm)
C	1	(M4*7)	—
R	1	(M4*7)	—
S	2	(M4*10)	1-3/16" - 2-3/8" (30mm - 60mm)
N	2	(M5*20)	1-3/16" - 1-9/16" (30mm - 40mm)
		(M5*30)	1-9/16" - 1-31/32" (40mm - 50mm)
T	1	(M5*40)	1-31/32" - 2-3/8" (50mm - 60mm)

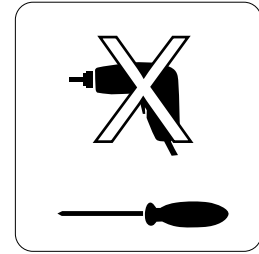
Note: N/T please use the appropriate screw set based on your own door thickness.

Before installation

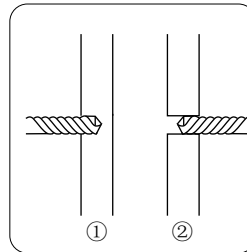
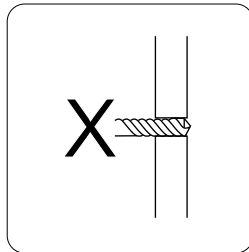
1、To ensure a successful installation, please do not use power tools to tighten the screws to avoid damage on the screw.



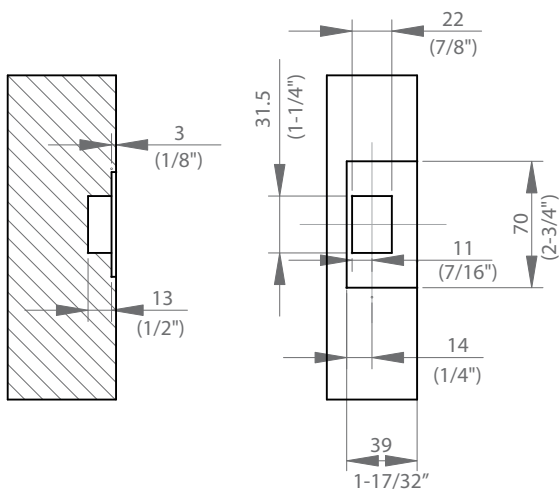
2、Use the correct fixed-screw tools, and wear eye protection.



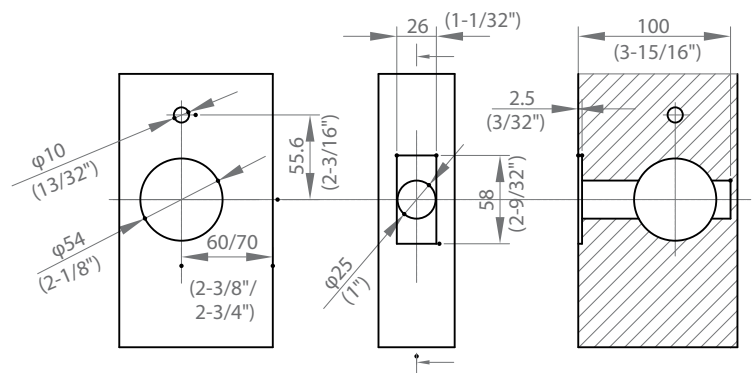
3、In order to prevent any unnecessary damage to the door, please drill the holes from both sides of the door separately.



1 Door-drilling mm/in



Door frame preparation

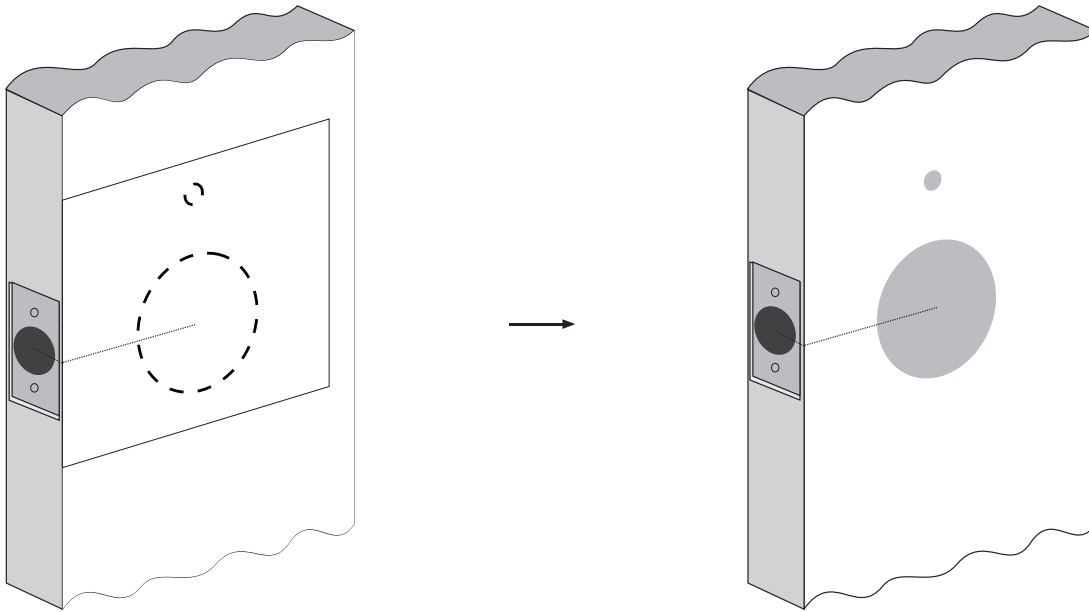


Door-drilling Diagram

New Door Preparation

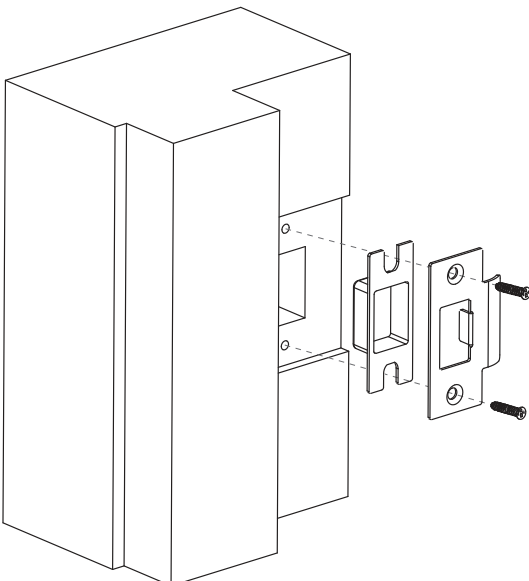
Note: Drill from both sides of the door to prevent unsightly damage.

1. Place paper template (last page) onto door and mark for holes.
Next drill the hole.

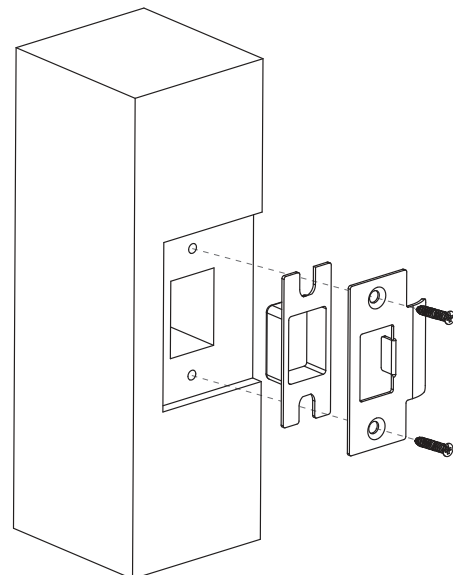


2 Installing the strike plate

1. Mark location of strike on the door frame, making certain that the strike opening is aligned with latch bolt.



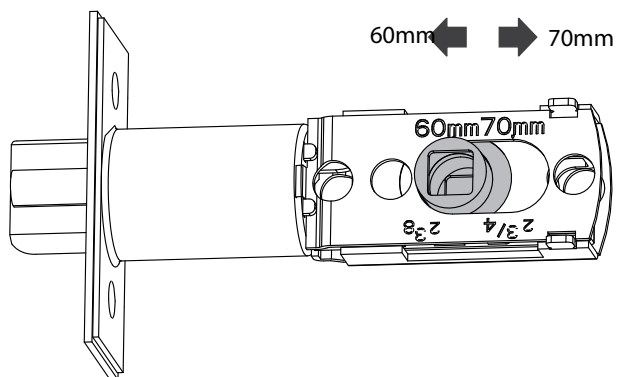
Type T-door's installation diagram.



General door's installation diagram

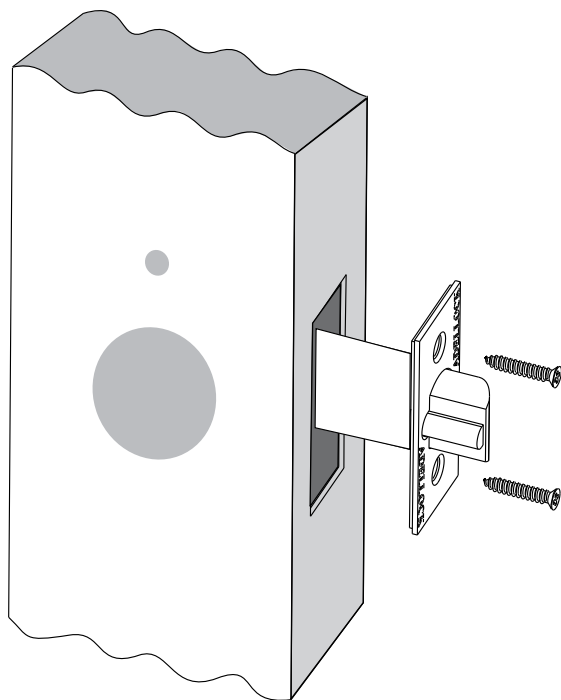
3 Installing Latch

- ① 2 3/8" [60mm] backset or 2 3/4" [70 mm] backset

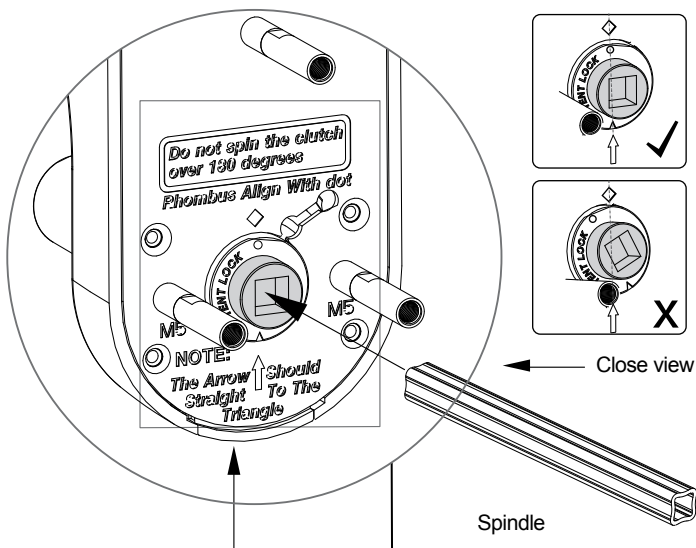


The latch has two backsets available: 2 3/8" [60mm] backset or 2 3/4" [70 mm] backset

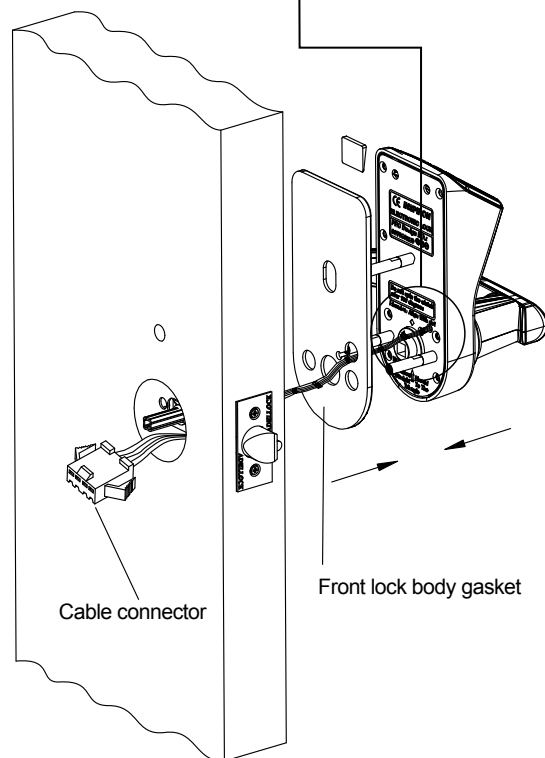
- ② Secure the latch to the door using two wood screws supplied. Latch unit face plate must be flush with door.



4 Installing spindle, and front lock body

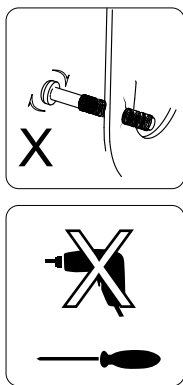
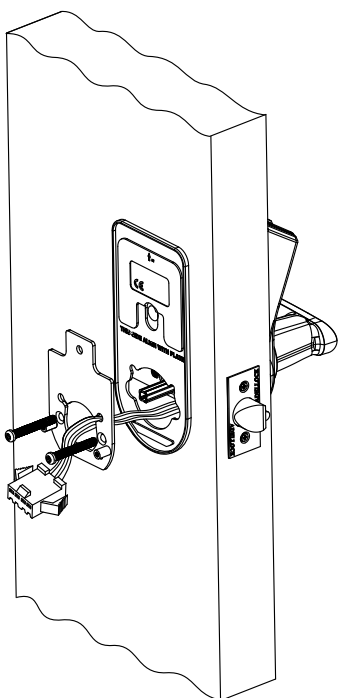


Very important note:
As the photo shows there is an arrow pointing up to the small triangle. This is the only position where the clutch can be activated during normal operation.



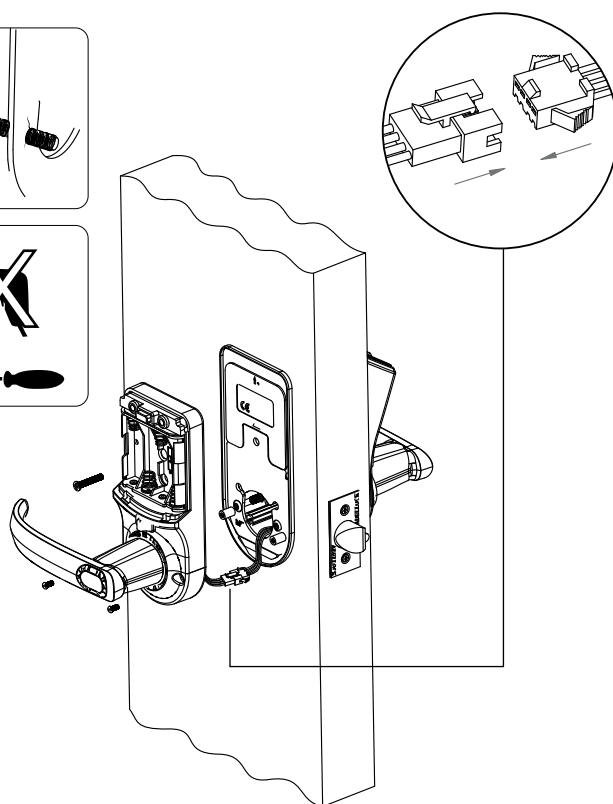
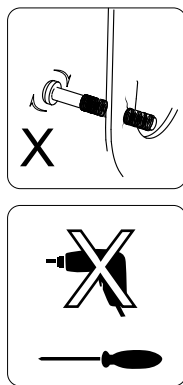
Note:
The wire goes under the latch

5 Installing the back plate and back lock body gasket



1. The back plate fits into the back lock body gasket
2. Secure the back plate and back lock body gasket with two M5*L screws

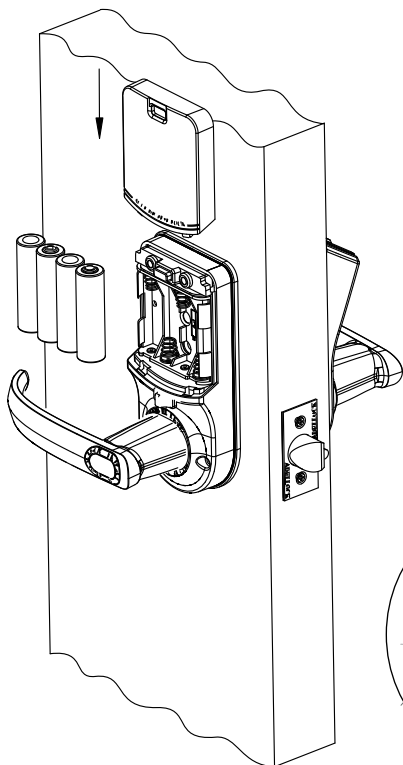
6 Installing the back lock body



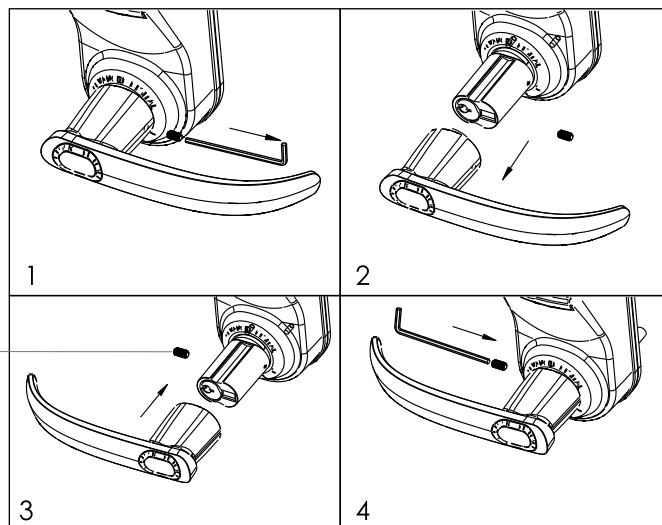
1. Connect the cable as shown
2. Push the wire connector into the hole under the latch
3. Secure the back lock body with two M4*8 screws and one M4*L

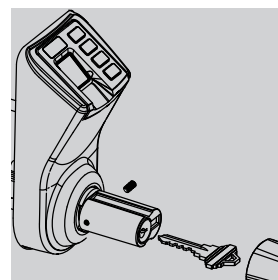
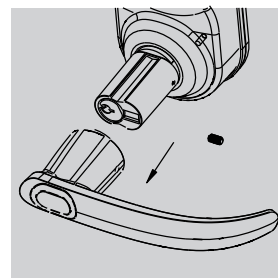
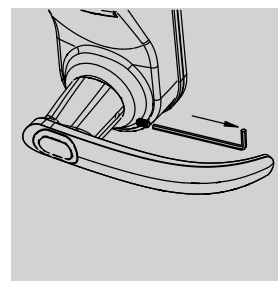
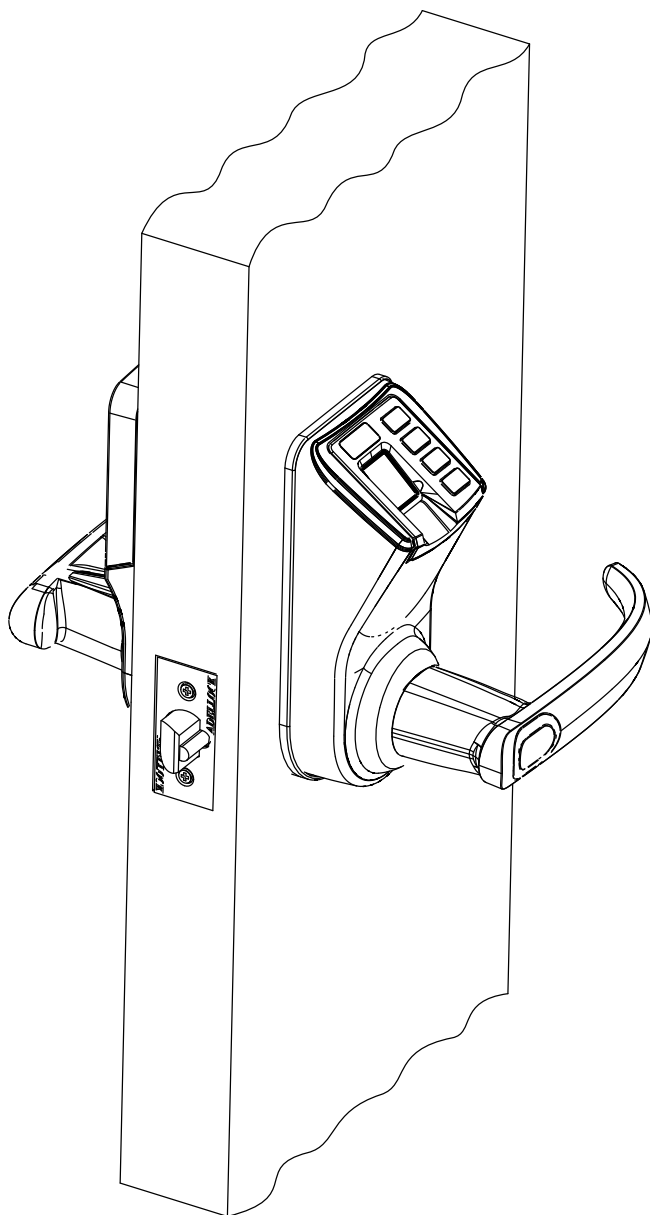
7 Battery

1. Put the batteries in and install the battery cover
2. Handle lever is field changeable, assemble or disassemble the handle lever with the tool supplied.



Note: field changeable handle lever





1. Rotate the inside handle lever and hold. Ensure that the latch is fully retracted and flush with the latch face plate. Release the inside handle lever, the latch should be fully extended.
2. After batteries putting in the lock, it is going in a normal situation if the latch is retracted inside once rotating the indoor handle and holds it, and also the latch is fully extended once releasing the indoor handle. Please see the following diagrams in Figure 1.
3. Place your finger on the fingerprint sensor, you should see the sensor is flashing with red LED, the number display shows "- -", a long beep, a green light and a motor clutch sound. Rotate the front handle lever and hold. Ensure that the latch is fully retracted.
4. With the door open, verify functionality of the mechanical key override as shown. Take off the front handle lever, insert the mechanical key, turn the key to vertical position then rotate the handle bar. Ensure the latch is fully retracted.

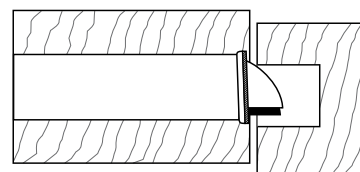
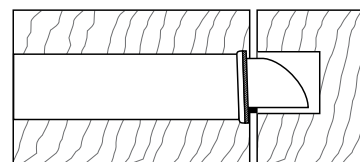


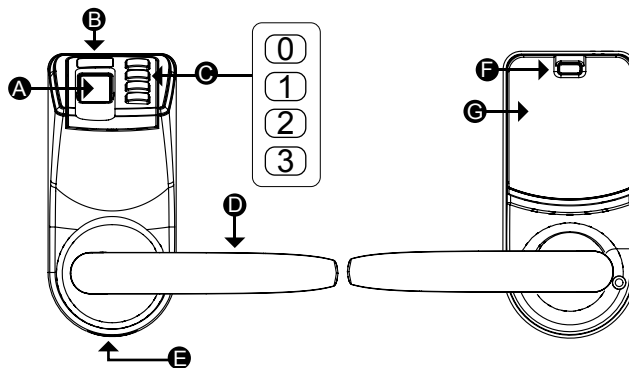
Figure 1

WARNING

- New door lock is in Factory Default mode, ANY fingerprint can open the door lock. Only successful registered fingerprint and PIN code can terminate Factory Default mode.
- For security purposes, register fingerprint and change the factory default code as soon as possible. Default pin code is 12312312312.
- Door lock can be opened by either Fingerprint, PIN code and/or Emergency Keys.
- If user resets door lock to Factory Default mode: Any fingerprint can open the door lock Default pin code is 12312312312.
- Register fingerprints and PIN code and test a few times before closing the door.
- Test with a non-registered fingerprint. If the door lock opens, the door lock is still in Factory Default mode.
- Test the Emergency Keys and store them in a secure place.
- To maximize the security and performance of the door lock, test registered fingerprints every 6 months.
- Do not mix old and new batteries.
- Intended for indoor use only; keep fingerprint scanner clean.

PARTS OF THE DOOR HANDLE

- A. Fingerprint Scanner
- B. Indicator Lights
- C. Keypad
- D. Handle
- E. External Power Socket
- F. Battery Cover Button
- G. Battery Cover



INSTALL BATTERIES

1. Press in the Battery Cover Button and gently lift the Battery Cover to expose the battery compartment.
2. Insert 4 new Alkaline AA batteries into the Battery Compartment and pay attention to the polarity of the batteries.
3. Gently replace the Battery Cover back into place.

NOTE: Do not mix old and new batteries.

FINGERPRINT REGISTRATION

Initial Registration

Please register an Admin Fingerprint to start door lock operations. In order to do so press "0," place any finger on Fingerprint Scanner, Press "1" then press "1" again and place and hold admin finger on fingerprint scanner until green indicator light flashes.

Successful Registration Green Indicator Light will flash.

Unsuccessful Registration Red Indicator Light will flash.

Module stores 10 Admin Fingerprints.
 90 User Fingerprints.
 20 Guest Fingerprints.

Register Admin

Press "0," place admin finger on Fingerprint Scanner, Press "1" then press "1" again and place and hold admin finger on fingerprint scanner until green indicator light flashes.

Register User

Press "0," place admin finger on Fingerprint Scanner, Press "1" then press "2" again and place and hold user finger on fingerprint scanner until green indicator light flashes.

Register Guest

Press "0," place admin finger on Fingerprint Scanner, Press "1" then press "3" again and place and hold guest finger on fingerprint scanner until green indicator light flashes.

TEST A NON REGISTERED FINGERPRINT

1. With door open, press "0" and place a Non-Registered finger on Fingerprint Scanner.
2. A few beeps will be heard and red indicator light will flash.
3. Door should NOT unlock.

IMPORTANT: If registration was unsuccessful repeat steps under FINGERPRINT REGISTRATION, and TEST NON-REGISTERED FINGERPRINT.

TEST A REGISTERED FINGERPRINT

1. With door open, press "0" and place a Non-Registered Finger on Fingerprint scanner.
2. Place a Registered finger on the Fingerprint Scanner.
3. A few beeps will be heard, green Indicator Light will flash, and internal mechanism will make a rolling sound.
4. Door should unlock, Fingerprint registration was successful.

Important: If fingerprint registration was unsuccessful repeat steps under FINGERPRINT REGISTRATION and TEST NON-REGISTERED FINGERPRINT.

PIN CODE REGISTRATION

Retains one 11 digit Pin code.
Pin Code CANNOT start with 0.
Default Pin Code: 12312312312.

Press "0" place Admin Finger on Fingerprint Scanner, press "3" and enter desired Pin Code.

Successful Registration

Green Indicator Light will flash.

Unsuccessful Registration

Red Indicator Light will flash. Please repeat PIN CODE REGISTRATION PROCESS.

To reset Pin Code, See RESET.

TEST REGISTERED PIN CODE

1. With door open, on Keypad enter Registered Pin code.
2. A few beeps will be heard, green Indicator Light will flash, and internal mechanism will make a rolling sound.
3. Door should unlock. Pin code registration was successful.

OPENING DOOR

WITH FINGERPRINT

1. Press "0," place a registered finger on the Fingerprint Scanner.
2. A few beeps will be heard and green Indicator Light will turn on.
3. Turn the Handle to open the door.

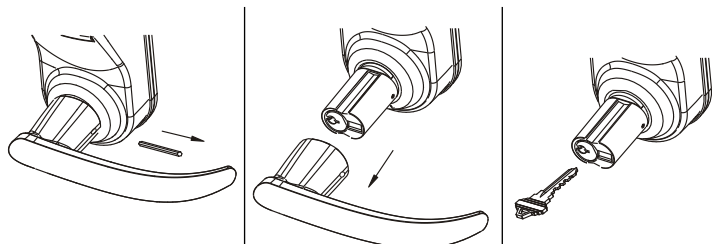
WITH PIN CODE

1. On Keypad enter Pin code.
2. A few beeps will be heard and green Indicator Light will turn on.
3. Turn the Handle to open the door.

WITH EMERGENCY KEY

1. Remove the screw with provided Allen wrench.
2. Gently slide Handle out to expose emergency key access.
3. Insert emergency key into key access emergency key access to open the door.

Note: Store emergency keys in a secure place.



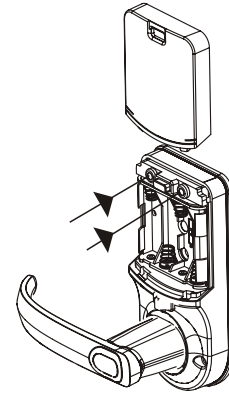
RESET

There are 2 methods to reset fingerprints and pin code to the door lock.

Method 1

This method will completely reset the door lock.

Remove Battery Cover and remove 2 batteries. Press on any number on the keypad, then locate the 2 reset button, refer to image on the right. Press and hold the 2 reset buttons while re-inserting the 2 batteries. Upon hearing the internal mechanism roll reset is complete and you can release the 2 reset buttons. See image.



Note: Any Fingerprint can open the door.
Default Pin Code is 12312312312.

Method 2

This method allows specific set of fingerprints to be reset:

Delete all Fingerprints / Reset Pin Code:

Press "0," Place admin finger on fingerprint scanner and press "2" then press "1" again.

Delete User Fingerprints:

Press "0," Place admin finger on fingerprint scanner and press "2" then press "2" again.

Delete Guest Fingerprints:

Press "0," Place admin finger on fingerprint scanner and press "2" then press "3" again.

DOOR UNLOCKED MODE

You can change door lock to unlocked mode, which will allow the door to be opened without a Pin Code or Fingerprint.

Press "0," Place Admin or User Finger on Fingerprint Scanner and press and hold "0."

Cancel Normal Door Handle Mode

Press "0," Place Admin or User Finger on Fingerprint Scanner and press and hold "0."

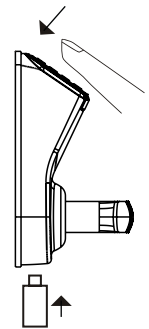
LOW BATTERY WARNING

When 3 repetitive beeps are heard, this indicates the batteries are low, replace batteries immediately.
See INSTALL BATTERIES.

EXTERNAL POWER SOCKET

If door lock fails to operate due to low or dead batteries use the External Power Socket which is located underneath the front body of the door lock.

Use a 9V battery for emergency power supply; put the battery to the lock and hold in place. Place a registered fingerprint on Fingerprint Scanner OR use registered Pin code on Keypad to open the door.



COMMON ERRORS / DISPLAYS

Issues:	Causes:
Red Indicator Light flashes with two short beeps.	Access denied or Registration failed.
Red Indicator Light is always on.	Low Battery.
Alarm sounds when accessing door.	Low Battery.
No response after pressing keypad.	No Battery.
Often fails to verify fingerprints.	Finger is wet, dry, or dirty Scanner is dirty.
Failure to enter enrolment not an Admin Finger.	Finger placed on Fingerprint Scanner after pressing "0" was not an Admin Finger.



1 YEAR LIMITED WARRANTY

Biometric Key Pad Security Door Lock

BARSKA warrants this new item to be free of original defects in material and/or workmanship under normal use for a period of twelve (12) months from the date product is received by purchaser. This warranty does not include damage caused by improper installation or maintenance. Damage from misuse, abuse, accident (such as dropping), normal wear and tear, excessive fire, flood, or acts of nature. Damage from service or repairs other than those performed by BARSKA. Labor, cost and shipping charges for the removal and replacement of defective parts beyond the initial twelve-month warranty period. All transportation and shipping charges. Removing or altering the seal under any circumstances will automatically void the warranty.

This warranty is limited to original purchaser and is not transferable. This warranty applies only to products purchased in the United States.

Please e-mail info@barska.com or call 1.888.666.6769 for Return Merchandise Number (RMA#) before any returns. The RMA number must appear on the outside of the shipping package. Product must be packed carefully and sturdily in its original packaging to prevent damage in transit and returned freight pre-paid to:

BARSKA OPTICS
Repair Department
855 Towne Center Drive
Pomona, CA 91767

Please include all of the following when returning BARSKA products for service and/or replacement:

1. Please write your complete details
(Name, Address, Telephone #, E-mail address, RMA#, etc.)
2. Purchase receipt or Proof of Purchase. (Original/Copy)
3. A brief explanation of the defect
4. A Check/Money Order of \$40.00 to cover inspection, shipping and handling.

*Please allow 6-8 weeks for delivery.

BARSKA will examine and test returned product and repair or replace defective part(s) or units with new part(s) or a new unit if necessary within the warranty period. Purchaser is required to remit above charges to BARSKA for return shipping and handling at time product is returned. If repair is required after warranty period expiration, purchaser will be charged for replacement parts and return shipping.

BARSKA® Optics shall not be liable for any consequential, incidental and/or contingent damages whatsoever. We will not pay shipping, insurance or transportation charges from you to us, or any import fees, duties and or taxes. This warranty supersedes all previous BARSKA® Optics warranties.

9/14

© 2014 BARSKA® | Pomona, CA 91767, USA
(t) 888.666.6769 | (f) 909.445.8169 | www.barska.com

This page has been intentionally
left blank

If the big hole (2-1/8"/54mm) already exists, use this template to mark the position for drilling the small hole.



