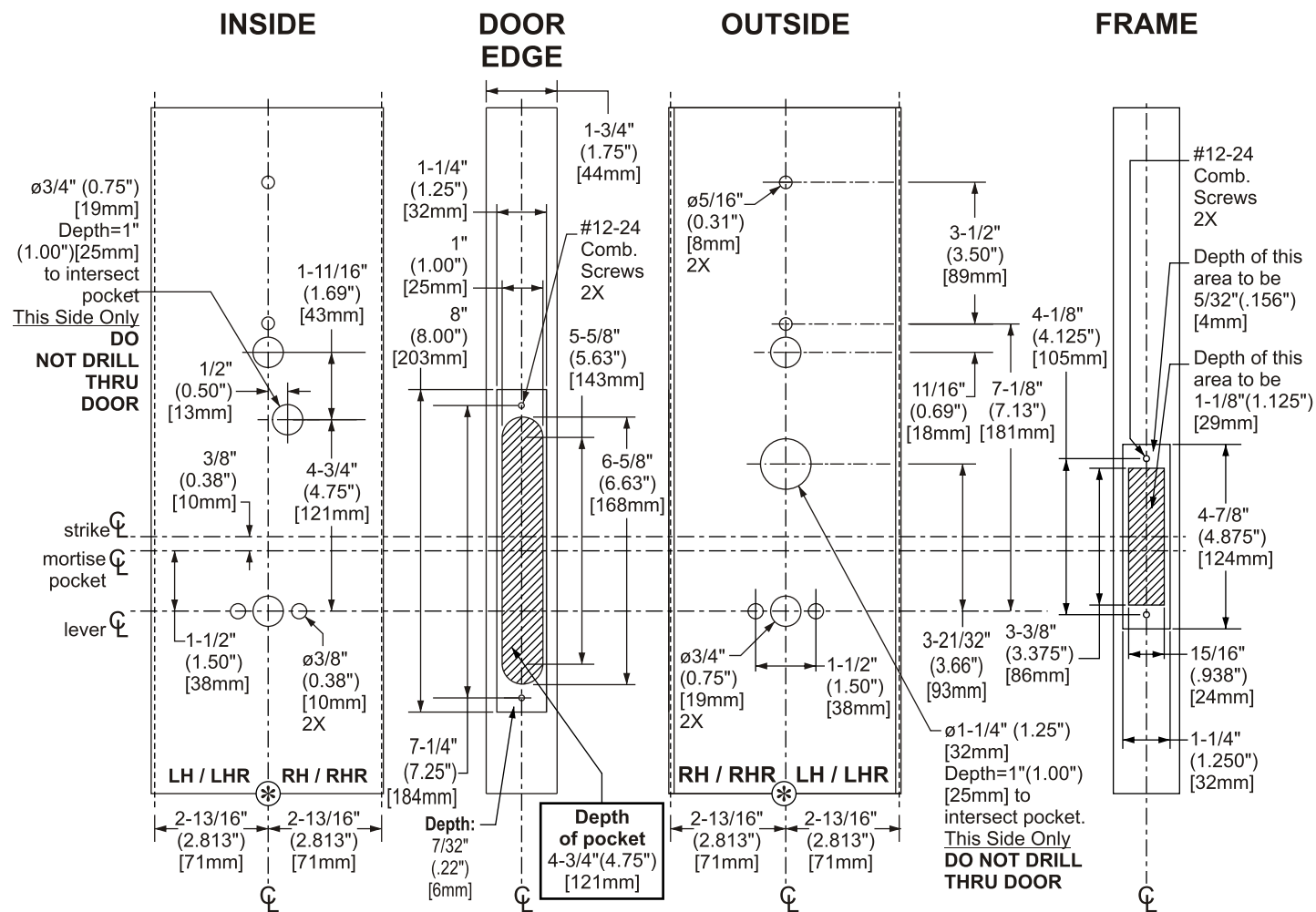


DOOR & FRAME PREP



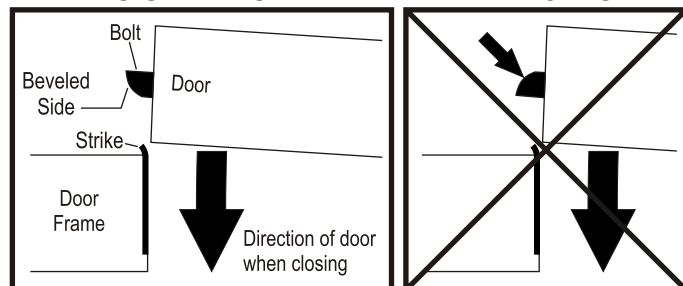
* Backset From Center of Beveled Door Edge
Nominal=2-3/4" (2.75") [70mm]
Actual=2-13/16" (2.813") [71mm]

MORTISE CASE HANDING

Verify, and if necessary, reconfigure mortise case handing.

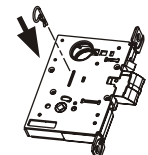
CORRECT

WRONG

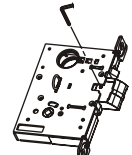


Perform steps 1 thru 6 if mortise case is handed incorrectly.

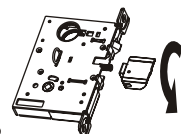
Extend the bolt fully by pressing on deadlatch. Insert change key into slot to fix latch shaft in position. **1**



Use 5/64" [2mm] hex wrench to loosen latch bolt set screw. **2**



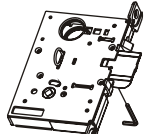
Keep spring in place as you pull latch off shaft and reverse position. **3**



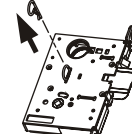
Apply thread lock compound to set screw. (Loctite 242 recommended) **4**



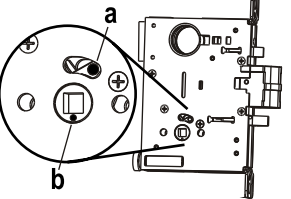
Push bolt firmly back onto shaft. Tighten latch set screw. **5**



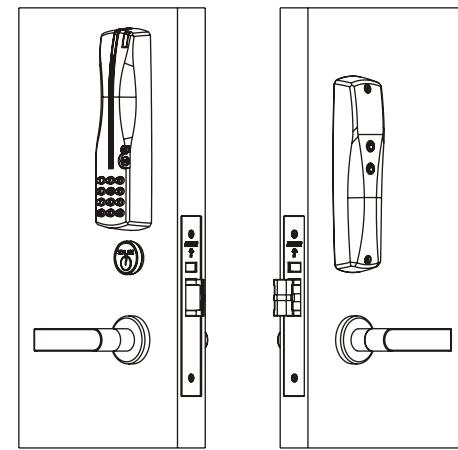
Remove change key from slot. **6**



The lock handing screw (a) must be screwed into the lock from the inside (opposite the cylinder). If not, remove it and install it on the other side. Be sure the dot on the cam (b) is at the bottom when installing the lock handing screw. **7**



SCHLAGE



COMPUTER MANAGED & CAMPUS LOCK SYSTEMS (Mortise) CM5600 & CL5600 MODULAR SERIES

Customer Service

1-877-671-7011 www.allegion.com/us



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59006 Rev. 05/15-m

INSTALLATION INSTRUCTIONS

INTRODUCTION:

This manual covers the complete hardware installation of all models in the CM5600 and CL5600 Series line of modular mortise locks.

NOTES:

- Illustration on pages 2 and 3 shows a LHR installation, but yours might be different.
- Key cylinder to be 1-1/8" [29mm] or longer with Schlage B502-191 or Schlage B502-948 or equivalent cam.
- When mounting Reader and Controller:
 - Wear some form of ESD protection.
 - Do not use power tools to tighten mount screws. Hand tools only.
 - Turn in each mount screw a little bit at a time.
 - Do not overtighten mount screws.
- If cylinder key does not work properly, check that cylinder and appropriate cylinder cam are installed in correct position.
- A gasket is not required for the MGK reader, but a gasket must be used if installing a PX, MG, or KP reader.

NON-SUPPLIED TOOLS & MATERIALS NEEDED:

- Philips head screwdriver set
- Power Drill with 3/8" [10mm] chuck
- Drill bit set (up to 1" [25mm])
- 1-1/4" [32mm] hole saw w/mandrel
- Allen wrench set
- Square (90 degrees)
- Threadlocker (Loctite 242 recommended)
- Tape Measure
- Pencil
- Center Punch
- Hammer
- Chisel
- Masking tape

BLOCKING RING TABLE

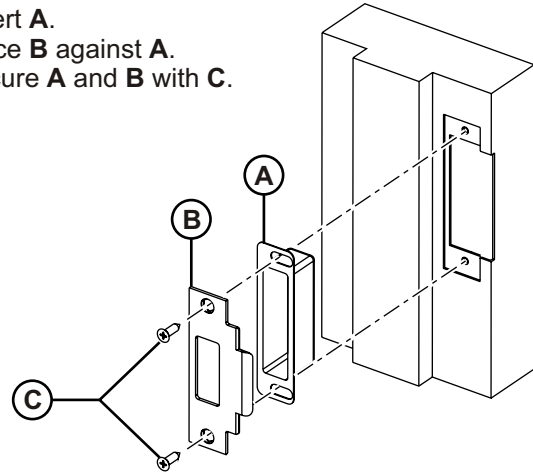
Key Cylinder Length	Blocking Ring (Schlage P/N: XXX=finish)
1-1/4" [32mm]	1/8" [3mm] (36-079-012-XXX)
1-3/8" [35mm]	1/4" [6mm] (36-079-025-XXX)
1-1/2" [38mm]	3/8" [10mm] (36-079-037-XXX)
1-5/8" [41mm]	1/2" [13mm] (36-079-050-XXX)

See Back Cover for:
- Door & Frame Prep
- Mortise Case Handing

This device complies with part 15 of FCC rules. Operation is subject to following two conditions:
(1) This device may not cause harmful interference.
(2) This device must accept any interference received, including any interference that may cause undesired operation. Changes or modifications not expressly approved by party responsible for compliance could void user's authority to operate equipment.

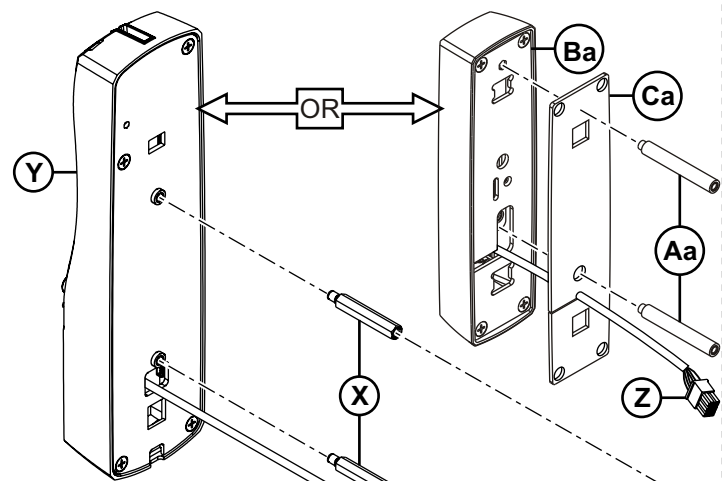
After door & frame have been prepared, refer to illustration below and install strike components into door frame in following order :

- 1 - Insert **A**.
- 2 - Place **B** against **A**.
- 3 - Secure **A** and **B** with **C**.



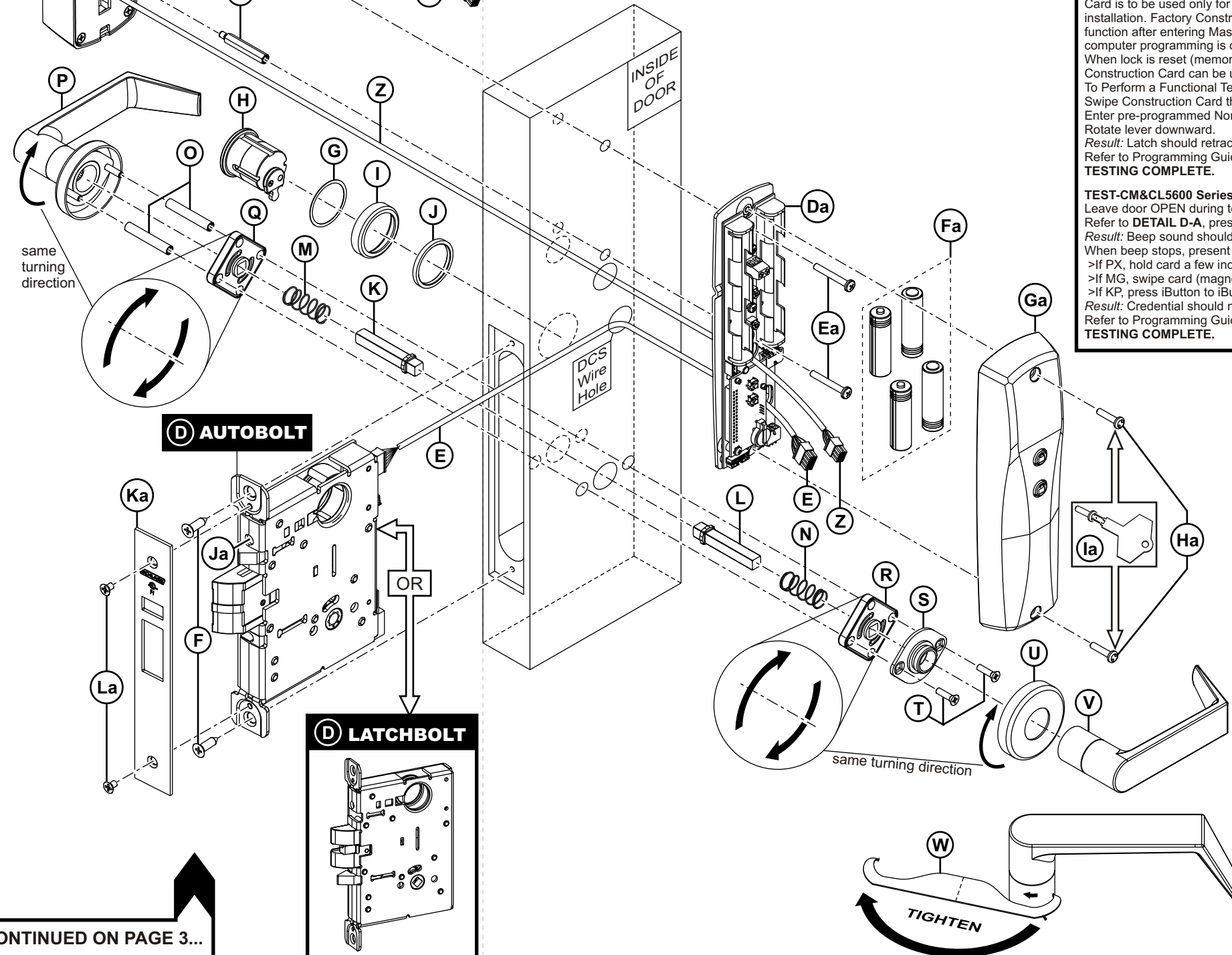
After strike components have been installed, refer to illustration on right and assemble lock components onto door in following

- 1 - Insert **D** (Autobolt or Latchbolt).
Locks with Privacy or Apartment function only:
 > Thread **E** through hole in door edge and out through **DCS wire hole**.
- 2 - Loosely secure **D** with **F**. (DO NOT FULLY TIGHTEN **F**)
- 3 - Install Key Cylinder:
 > Slide **G** over **H**.
 > Slide **I** over **H**.
 > If **H** is longer than 1-1/8"[29mm], slide **J** over **H** (refer to **BLOCKING RING TABLE** on page 1).
 > Screw **H** into **D**.
- 4 - Verify that key cylinder is functional.
- 5 - Insert **K** & **L** into **D**. Slide **M** over **K**. Slide **N** over **L**.
- 6 - Screw **O** onto threaded rods on **P**.
- 7 - With arrows on **Q** pointing in direction that lever will turn, slide **Q** over **O**.
- 8 - Place **P** against door. **O** to protrude from inside of door.
- 9 - With arrows on **R** pointing in direction that lever will turn, slide **R** over **L**.
- 10 - Slide **S** over **L**, secure with **T**.
- 11 - Place **U** over **S**.
- 12 - Spin bushing on **V** onto **S**. Fully tighten using tool **W**.
- 13 - If you have an MGK reader (**Y**):
 > screw **X** into **Y** (**X** must have thread locker.)
 > feed **Z** thru door
 > place **Y** against door.
 If you have a PX, MG, or KP reader (**Ba**):
 > screw **Aa** into **Ba**. (**Ca** must have thread locker.)
 > place gasket **Ca** against **Ba**.
 > feed **Z** thru door.
 > place **Ba** against door
- 14 - Feed wires **E** & **Z** thru appropriate holes in **Da**. Place **Da** against door. Secure **Da** with **Ea**.
- 15 - Refer to **DETAIL D-A** and make connections accordingly.
- 16 - Observe polarity and install 4, AA batteries (**Fa**) into **Da**.
- 17 - Test lock. Refer to appropriate test procedure on page 3.



...CONTINUED FROM PAGE 2

- 18 - Place **Ga** over **Da**. Secure with **Ha**. Use tool **la**.
 - 19 - On lockset **D**, fully tighten **Ja**.
 - 20 - Fully tighten **F**.
 - 21 - Place **Ka** over **D**. Secure with **La**.
- HARDWARE INSTALLATION COMPLETE.**



TEST-CL5600 Series lock w/MG Reader:
 Leave door OPEN during test.
 Units are shipped with a "Factory Construction Card". Use only for testing equipment immediately following installation. Factory Construction Cards and User Cards will not function after entering Master Code (or Master iButton/Card) until computer programming is complete or 30 seconds have expired. When lock is reset, (memory erased) it returns to factory default and Construction Card can be used again.
 To Perform a Functional Test:
 Swipe Construction Card thru slot (magnetic stripe facing right).
 Rotate lever downward.
 Result: Latch should retract.
TESTING COMPLETE.

TEST-CL5600 Series w/MGK Reader
 Leave door OPEN during test.
 Units are shipped with a "Factory Construction Card" and a PIN. Card is to be used only for testing equipment immediately following installation. Factory Construction Cards and User Cards will not function after entering Master Code (or Master iButton/ Card) until computer programming is complete or 30 seconds have expired. When lock is reset (memory erased) it returns to factory default and Construction Card can be used again.
 To Perform a Functional Test:
 Swipe Construction Card thru slot (magnetic stripe facing right).
 Enter pre-programmed Normal Access Code (1 3 5 7 9).
 Rotate lever downward.
 Result: Latch should retract.
 Refer to Programming Guide for complete use of keypad.
TESTING COMPLETE.

TEST-CM&CL5600 Series w/KP, PX, or CM5600 w/MG Reader:
 Leave door OPEN during test.
 Refer to **DETAIL D-A**, press "CLR" button 3 times.
 Result: Beep sound should be heard (approx. 5 sec).
 When beep stops, present credential to reader:
 >If PX, hold card a few inches away from reader.
 >If MG, swipe card (magnetic stripe facing right).
 >If KP, press iButton to iButton receptacle.
 Result: Credential should now be usable.
 Refer to Programming Guide for complete use of keypad.
TESTING COMPLETE.

