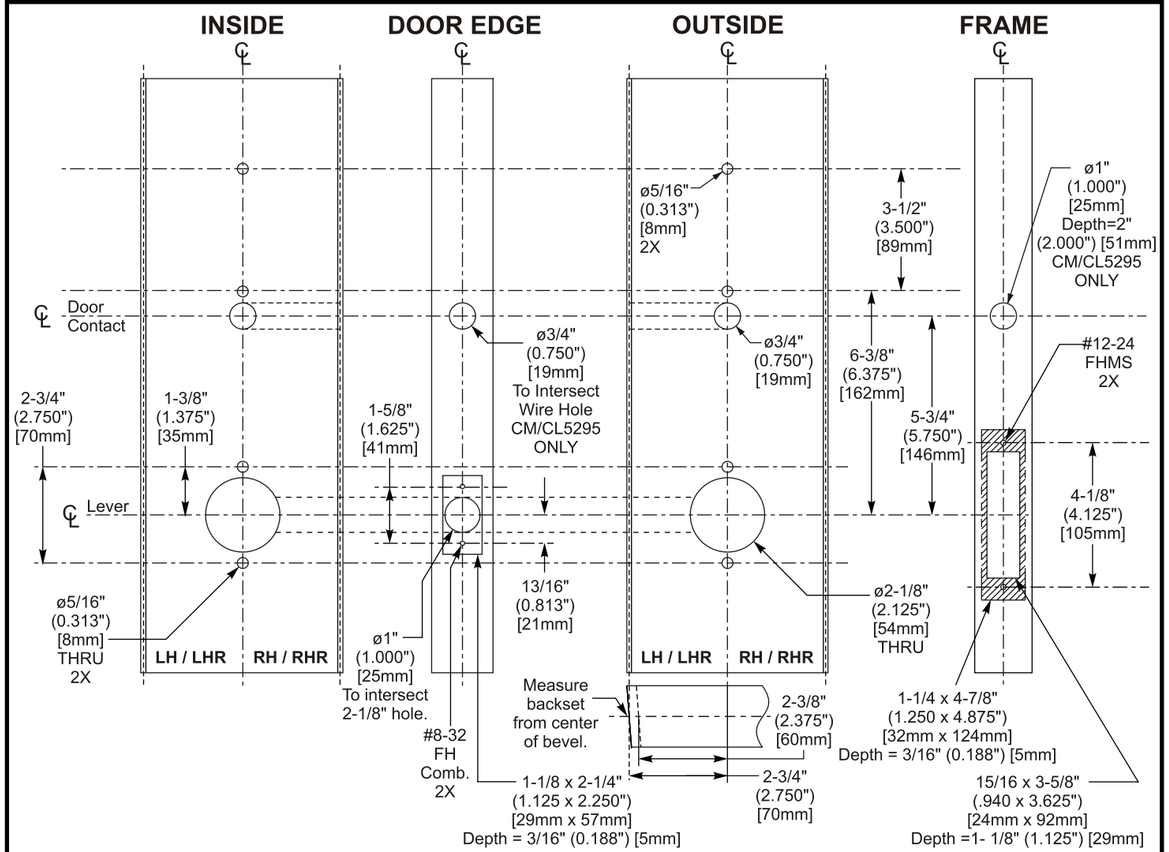
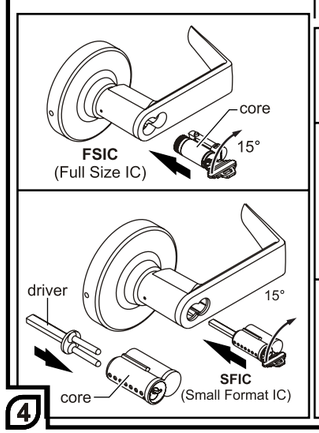
DOOR & FRAME PREP



Install Interchangeable Core

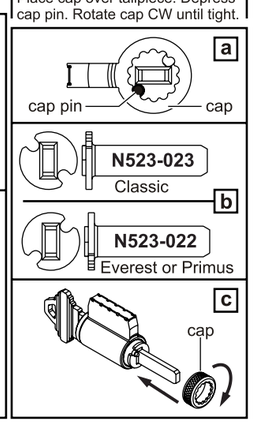
FSIC: Insert key into core. Turn key 15° CW and hold. Insert core into lever.

SFIC: Insert driver into back of core. Insert key into core. Turn key 15° CW and hold. Insert core into lever.



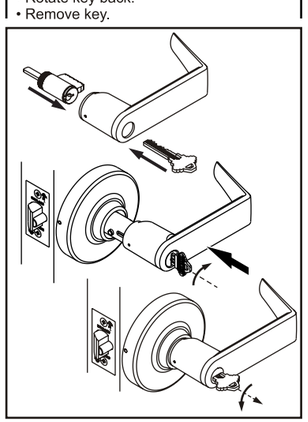
Install Tailpiece

(a) **Remove Cyl. Cap.** Depress cap pin. Rotate cap CCW until off.
(b) **Select Tailpiece.** See below.
(c) **Install Tailpiece.** Place tailpiece against back of cyl. Place cap over tailpiece. Depress cap pin. Rotate cap CW until tight.



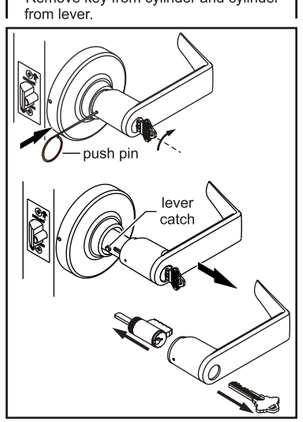
Keyed Lever - Installation

- Insert cylinder into lever and key into cylinder as shown.
- Rotate key.
- Slide lever onto spindle until it clicks into place.
- Rotate key back.
- Remove key.



Keyed Lever - Removal

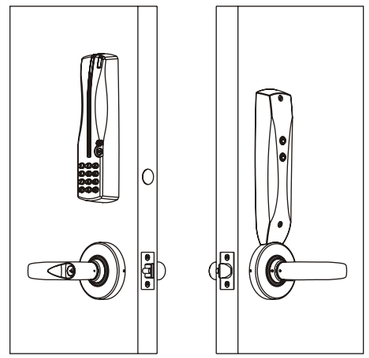
- Insert key into cylinder.
- Rotate key.
- Insert push pin Into lever hole.
- Depress lever catch with push pin.
- Pull off lever.
- Remove key from cylinder and cylinder from lever.



SCHLAGE®

COMPUTER MANAGED & CAMPUS LOCK SYSTEMS

(Cylindrical)
CM5200 & CL5200 MODULAR SERIES



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ALLEGION

59005 Rev. 05/15-h

INSTALLATION INSTRUCTIONS

INTRODUCTION:
This manual covers the complete hardware installation of all models in the CM5200 and CL5200 Series line of modular cylindrical locks.

NOTES:
- Illustration on pages 2 and 3 shows a LHR installation, but yours might be different.
- 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 over tighten mount screws.
- A gasket is not required for the MGK reader, but a gasket must be used if installing a PX, MG, or KP reader.
- If key is not easily removed from cylinder, tailpiece cap is too loose. If key does not turn smoothly in cylinder, tailpiece cap is too tight.
- If you install standoffs to the Reader and then remove them, reapply thread lock compound before reinstalling.

NON-SUPPLIED TOOLS & MATERIALS NEEDED:
- Philips head screwdrivers
- Power drill with 3/8” chuck
- Drill bits: 1/8”, 5/16”
- 3/4” drill bit or 3/4” hole saw w/mandrel
- 1” drill bit or 1” hole saw w/mandrel
- 2-1/8” hole saw w/mandrel
- Masking Tape
- Fixed, 90° Square or Combination Square set to 90°
- Tape measure
- Center punch
- Pencil
- Hammer
- Chisel

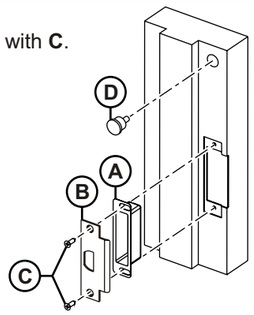
BLOCKING RING TABLE

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**
- **Interchangeable Cores: Installation**
- **Cylinder Tailpiece: Installation**
- **Keyed Lever: Installation & Removal**

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

1 - Insert **A**.
2 - Place **B** against **A**, secure with **C**.
3 - Insert **D**.

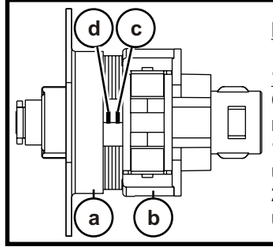


After strike components have been installed, refer to illustration on right & assemble lock components onto door in following order :

1 - Insert **E** with beveled side (*) towards **B.** Secure with **F**.
2 - Feed **H** thru **DSM hole** and out thru **wire hole 1**.
3 - Insert **I** into **DSM hole**.
4 - Refer to **DETAIL D-A** and adjust the D-Lock Chassis.
5 - Feed **N** thru **Lever Hole**.
6 - Insert **O** into **Lever Hole**.
NOTE: **P** to engage with **E**. See **DETAIL D-B**.
7 - Feed **N** thru **Q**.
8 - Align **Q** as in illustration & place against door.
NOTE: **N** to be completely inside notch (**R**).
9 - With **S** held against **Q**, route **N** snugly around outside of **S** and out thru top. Refer to **DETAIL D-C** for routing.
10 - Insert **T** into outside of door.
11 - Place **U** over **T**.
12 - Refer to "*Install Tailpiece*" & "*Keyed Lever-Installation*" on page 4 to install **V, W** and **X** onto **T**.

13 - With lever catch (**Y**) pointing to **E**, slide **Z** over **O,** secure with **Aa**.
14 - Place **Ba** over **Z** with notch (**) at top.
15 - Press **Ca** onto **Z** until it clicks securely into place.
16 - Screw **Da** into **Ea**.
17 - Feed **Fa** thru **Wire Hole 1**.
18 - For wood doors, fill **wire hole 1** with fire rated puty.
NOTE: Metal doors do not require **wire hole 1** to be filled.
19 - Feed **H** and **Fa** thru the opening near the center of **Ga**.
Make sure **N** is lined up with the slot at the bottom of **Ga**.
20 - Place **Ga** against door, secure with **Ha**.
21 - Refer to **DETAIL D-D**:
> If you have Standard & Privacy option, connect **H** to **Ia**, **N** to **Ja** and **Fa** to **Ka**.
> If you have Apartment option, connect **H** to **La**, **N** to **Ma** and **Fa** to **Ka**.
22 - Observing polarity, install 4, AA batteries (**Na**) into **Ga**.
23 - Place **Oa** over **Ga**, secure with **Pa**. Use tool **Qa**.

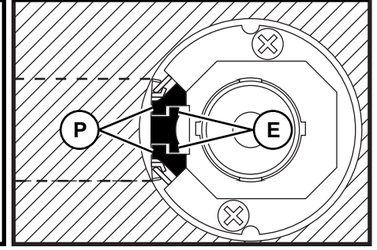
DETAIL D-A



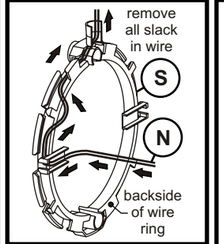
D-Lock Chassis Adjustment

1-5/8" (41mm) doors: Rotate (**a**) CW until tight against (**b**), then rotate one turn CCW.
1-3/4" (44mm) doors: Rotate (**a**) until aligned with (**c**).
2" (51mm) doors: Rotate (**a**) until aligned with (**d**).

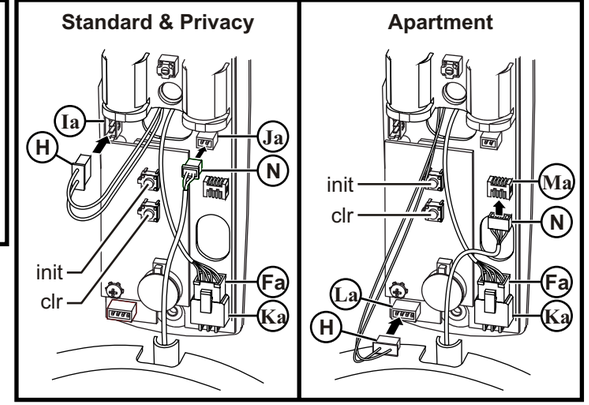
DETAIL D-B

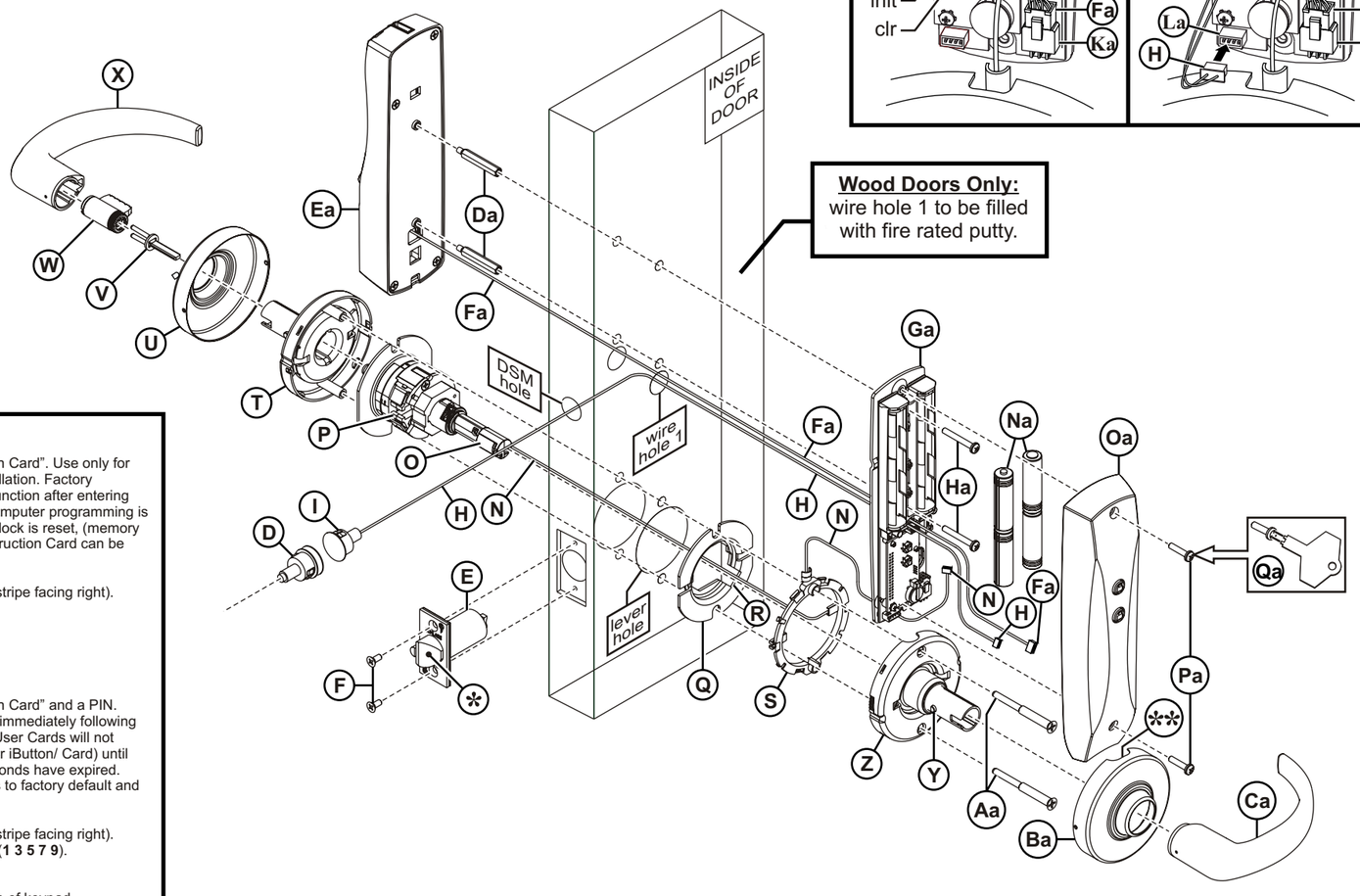


DETAIL D-C



DETAIL D-D





Wood Doors Only:
wire hole 1 to be filled with fire rated putty.

TEST-CL5200 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-CL5200 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&CL5200 Series w/KP, PX, or CM5200 w/MG Reader:
Leave door OPEN during test.
Refer to **DETAIL D-D**, 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.