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 A.
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 putty.

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 Ia, 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

**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).

### DETAIL D-C

**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).

### DETAIL D-D

**Wood Doors Only:**
- Wire hole 1 to be filled with fire rated putty.

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**TEST-CL5200 Series lock w/MGK Reader:**

Leaves 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 Button/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 rotate.

**TESTING COMPLETE:**

**TEST-CL5200 Series w/MG Reader**

Leaves 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 Button/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 2 3 4 5).
- Rotate lever downward.
- Result: Latch should rotate.

**TESTING COMPLETE:**

**TEST-CMACLS200 Series w/KP, PX, or CMS200 w/MG Reader:**

Leaves door OPEN during test.

Refer to DETAIL D-D, press "CLR" button 3 times.

Result: Deep sound should be heard (approx. 5 sec).

When beep stops, present credential to reader:
- HP PX, hold card a few inches away from reader.
- HP MG, swipe card (magnetic stripe facing right).
- HP KP, press button to Button receptacle.

Result: Credential should now be usable.

Refer to Programming Guide for complete use of keypad.

**TESTING COMPLETE:**