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.
4 - Insert D (Privacy or Apartment only).

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

1 - Insert E (beveled side towards B), secure with F.
2 - Locks with Privacy or Apartment function only:
   > Feed connector on G thru hole in door edge and out wire hole (inside of door).
   > Press H into 3/4" hole in door edge.
3 - Install Key Cylinder (I) (refer to DETAIL D-A):
   > If I is longer than 1-1/8" (29mm), slide J over I (refer to BLOCKING RING TABLE on page 1).
   > Insert I into K.
   > Slide L over I.
   > Using M, screw N onto I until tight.
   > Line up nearest notch on N with tab on L.
   > Bend tab on L into notch of N.
4 - If changing the Handing, (refer to DETAIL D-B):  
   > Remove O, P, Q, R (use 5/32" [4mm] hex wrench).
   > Remove S from shaft.
   > Rotate S 180 degrees, slide back onto shaft.
   > Apply threadlocker to R and reinstall.
   > Verify that dot (T) is at bottom.
   > Insert round end of Q into U.
   > Reinstall P with jaws facing away from end of S.
   > Reinstall O.
   > Inside escutcheon - repeat with R and S as above.
5 - Verify that key cylinder is functional.
6 - Mount Outside Escutcheon (Z):
   > Remove V and W.
   > Install X.
   > Apply sticky side of Y to Z (feed Aa thru hole in Y).
   > Doors thinner than 1-3/4" [44mm], use Opt. Spacer A.
   > Feed Aa thru wire hole in door.
   > Press Z to outside of door. IMPORTANT: Refer to DETAIL D-C and verify that Ba engages with Ca.
   > Reinstall W, secure with V.

7 - Install Inside Baseplate Assembly (Da):
   > Doors thinner than 1-3/4", use Optional Spacer B.
   > Press Da to inside of door, secure with Ea & Fa.
   > Insert Ga into U (beveled corners towards door).
   > Refer to DETAIL D-D, and plug Aa into Ma.
   > NOTE: Route Aa under retaining clip as in illustration.
   > Observing polarity, install 4, AA batteries into Ia.
   > Verify that key cylinder is functional. 
   > Insert round end of Q into U.
   > Reinstall P with jaws facing away from end of S.
   > Reinstall O.
   > Inside escutcheon - repeat with R and S as above.

8 - Locks with Apartment Function, refer to DETAIL D-E:
   > Connect Ja to Ka.
   > Connect G to La.

9 - Locks with Apartment Function, refer to DETAIL D-F:
   New Installations:
   > Plug G into Ma.
   > Verify that Oa is plugged into Pa.
   > If a Privacy/Apartment Function PCB (#395569) is installed, disconnect it and remove it.
   > Scrape off remaining double stick foam.
   > Proceed with Retrofit Installations.

Retrofit Installations:
   > Remove self-adhesive tape backing from PCB #395569 (included in upgrade kit).
   > Mount PCB in position and orientation shown.
   > Unplug E from original position and plug it into Ma.
   > Route wires (Na) under baseplate's main PCB and plug Oa into Pa.
   > Press Oa over Da (verify Ga engages lever cam).
   > Secure Oa with Ra:

INSTALLATION OF HARDWARE COMPLETE
See page 1 for Operational Testing - CM5100 or CLS1000