**MORTISE CASE HANDING**

Verify, and if necessary, reconfigure mortise case handing:

**CORRECT**

Extend butt fully by pressing on deadlatch. Insert change key into slot to fix latch shaft in position.

Keep spring in place so you can pull latch off shaft and reverse position.

Push butt firmly back onto shaft. Tighten latch set screw.

**INCORRECT**

Apply thread lock compound to set screw. (Locotite 242 recommended)

Remove change key from slot.

**INSTALLATION INSTRUCTIONS**

**INTRODUCTION**

This manual covers the complete hardware installation of all models in the CM5500 and CL5500 Series line of mortise locks.

**NOTES:**

- Illustration on page 2 shows a LHR installation, but yours might be different.
- Key cylinder to be 1-1/8"[28mm] or longer with Schlage B502-191 or Schlage B502-904 or equivalent cam.
- For manual programming instructions and information on using access cards and electronic keys, see the programming guide.
- For computer programming instructions, see the documentation and help files included with the computer software. During installation, use care not to drop any hardware behind PCB on inside escutcheon.
- Do not overtighten fasteners.

**OPERATIONAL TEST - CM5500 SERIES LOCKS:**

1. Push down on inside lever. Latch should retract.
2. Push down and up on outside lever. Lever should be disengaged and door should not unlock.
3. Insert key, turn CW to stop (about 1/2 turn).
4. Push down on outside lever. Latch should retract. Units w/ATX option, green LED should flash.
5. Limits/whippery - enter factory default access code 13579.

**OPERATIONAL TEST - CL5500 SERIES LOCKS:**

1. Push down on inside lever. Latch should retract.
2. Push down on outside lever. Lever should be disengaged and door should not unlock.
3. Insert key, turn CW to stop (about 1/2 turn).
4. Push down on outside lever. Latch should retract. Units w/ATX option - green LED should flash when key is turned.

**NON-SUPPLIED TOOLS & MATERIALS NEEDED**

- Phillips head screwdriver set
- Power Drill w/3/8"[10mm] chuck
- Pencil
- Drill bit set (up to 1"[25mm])
- 1-1/4"[32mm] Hole saw w/mandrel
- Allen wrench set
- Square (90 degrees)
- Chisel
- Level
- Masking tape

**BLOOMING RING TABLE**

<table>
<thead>
<tr>
<th>Key Cylinder Length</th>
<th>Blocking Ring (Schlage P/N: XXXxFinish)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-1/4&quot; [32mm]</td>
<td>1/8&quot; [3mm] (36-079-012-XXX)</td>
</tr>
<tr>
<td>1-3/8&quot; [35mm]</td>
<td>1/4&quot; [6mm] (36-079-025-XXX)</td>
</tr>
<tr>
<td>1-1/2&quot; [38mm]</td>
<td>3/8&quot; [10mm] (36-079-037-XXX)</td>
</tr>
<tr>
<td>1-5/8&quot; [41mm]</td>
<td>1/2&quot; [13mm] (36-079-050-XXX)</td>
</tr>
</tbody>
</table>

This device complies with part 15 of FCC rules. Operation is subject to the following conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including 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 order:

1. Insert D (Autobolt or Latchbolt).
2. Loosely secure D with F. (DO NOT FULLY TIGHTEN F)
3. Install Key Cylinder:
   1. If G is longer than 1-1/8" [29mm], slide H over G (refer to BLOCKING RING TABLE on page 1).
   2. Insert G.
   3. Slide I over G.
   4. Using K, screw J onto G until tight. Line up nearest notch on J with tab on I.
   5. Bend tab on I into notch of J.
   6. If changing the handing, (refer to DETAIL D-A):
      2. Remove L from shaft.
      3. Rotate L 180 degrees, slide back onto shaft.
      4. Apply threadlocker to K and reinstall.
      5. Inside escutcheon - repeat with K and L as above.
4. Connect E to G.
5. Verify that key cylinder is functional.
6. Mount Outside Escutcheon (N):
   1. Apply sticky side of M to N (feed O thru hole in M).
   2. Install P and Q.
   3. Verify R is at bottom, insert round end of S into T.
   4. Feed O thru wire hole in door.
   5. Press M to outside of door.
   6. Press U to inside of door, secure with V and W.
7. Plug O into X. Route wire under clip.
8. Observing polarity, install 4, AA batteries into Y.
10. Insert square end of Aa into Ba.
11. If needed, use shims to center D in pocket.
12. Fully tighten F.
13. Place Ca, secure with Da.

CONTINUED ON PAGE 3...

CONTINUATION FROM PAGE 2

14. Locks with Apartment Function, refer to DETAIL D-B:
   1. Connect Ea to Fa.
   2. Connect E to G.
15. Locks with Privacy Function, refer to DETAIL D-C:
   New Installations:
   1. Plug E into Ga.
   2. Verify that Ia is plugged into Ja.
   3. Replacing the Privacy/Apartment Function PCB:
      1. If a Privacy/Apartment Function PCB (#395569) is installed, disconnect it and remove it.
      2. Scrape off remaining double stick foam.
      3. Proceed with Retrofit Installations.
Retrofit Installations:
   1. Remove self-adhesive tape backing from PCB #395569 included in upgrade kit.
   2. Mount PCB in position and orientation shown.
   3. Unplug E from original position and plug it into Ga.
   4. Route wires (Ha) through baseplate's main PCB, plug Ia into Ja.
16. Install Inside Escutcheon:
   NOTE: Locks with Office, Apartment, and Privacy function have two pushbuttons on inside escutcheon.
   1. Place Ka over U (verify Aa engages lever cam).
   2. Secure Ka with La.

INSTALLATION OF HARDWARE COMPLETE
See page 1 for Operational Testing - CM5500 or CL5500