**DOOR & FRAME PREP**

Mark on INSIDE of door

<table>
<thead>
<tr>
<th>Depth of this area</th>
<th>8&quot; (203mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7-1/4&quot; (184mm)</td>
<td></td>
</tr>
<tr>
<td>5-5/8&quot; (142mm)</td>
<td></td>
</tr>
<tr>
<td>1-1/4&quot; (32mm)</td>
<td></td>
</tr>
<tr>
<td>1-1/4&quot; (32mm)</td>
<td></td>
</tr>
<tr>
<td>1-3/8&quot; (35mm)</td>
<td></td>
</tr>
<tr>
<td>1-1/4&quot; (32mm)</td>
<td></td>
</tr>
<tr>
<td>1-1/4&quot; (32mm)</td>
<td></td>
</tr>
<tr>
<td>1-3/8&quot; (35mm)</td>
<td></td>
</tr>
<tr>
<td>1-3/8&quot; (35mm)</td>
<td></td>
</tr>
</tbody>
</table>

**SCHLAGE**

**K C 5 0 0 0**

**MANUALLY PROGRAMMABLE LOCKS**

**INSTALLATION INSTRUCTIONS**

**INTRODUCTION:**

This manual covers the complete hardware installation of all models of the K C 5 0 0 0 Mortise Lock Series.

**NOTES:**

1. Illustration on pages 2 and 3 shows a LHR installation; but yours might be different.

2. Key cylinder to be 1-1/8" (29mm) or longer with Schlage “Classic” (PN 592-1001) or equivalent cam.

3. Do not overtighten fasteners.

4. Cylinder key does not work properly, check that cylinder and appropriate cylinder cam are installed in correct position.

**MORTISE CASE HANDING**

Verify, and if necessary, reconfigure mortise case handling.

**CORRECT**

<table>
<thead>
<tr>
<th>Beveled Side</th>
<th>Strike</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beveled Side</td>
<td>Strike</td>
</tr>
</tbody>
</table>

**INCORRECT**

<table>
<thead>
<tr>
<th>Beveled Side</th>
<th>Strike</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beveled Side</td>
<td>Strike</td>
</tr>
</tbody>
</table>

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

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

2. Use 5/64" hex wrench to loosen latch bolt set screw.

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

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


6. Remove change key from slot.

**BLOCKING RING TABLE**

<table>
<thead>
<tr>
<th>Key Cylinder Length</th>
<th>Blocking Ring (Schlage PN: XXX=[finish])</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>1-3/8&quot; (35mm)</td>
<td>1/2&quot; [13mm] (36-079-050-XXX)</td>
</tr>
</tbody>
</table>

**NON-SUPPLIED TOOLS & MATERIALS NEEDED:**

- Phillips head screwdriver set
- Power Drill with 3/8" [10mm] chuck
- Drill bit set
- 3/4" [19mm] spade bit or hole saw
- 1" [25mm] spade bit or hole saw
- 1-1/4" [32mm] spade bit or hole saw
- Hex wrench set
- Square (90 degrees)
- Threadlocker (Loctite 242 recommended)
- Tape Measure
- Pencil
- Center Punch
- Chisel
- Masking tape
- Level
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 E. (DO NOT FULLY TIGHTEN E)
3 - Install Key Cylinder (F):
   - If F is longer than 1-1/8” [29mm], slide G over F (refer to BLOCKING RING TABLE on page 1).
   - Insert F into H.
   - Slide I over F.
   - Using J, screw K onto F until tight.
   - Line up nearest notch on K with tab on I.
   - Bend tab on I into notch of K.
   - Refer to Detail D-A if handing must be changed:
     - Using L (5/32” [4mm] hex wrench), remove M.
     - Remove and rotate N by 180 degrees.
     - Slide N back onto shaft.
     - Apply threadlocker to M.
     - Using L, reinstall M.
     - Repeat for other escutcheon.
4 - Screw O into H.
5 - Refer to Detail D-B and verify that Q is at bottom.
6 - Insert round end of N into R.
7 - Feed P through hole in door (S).
8 - Place H against door.
9 - Feed P through T.
10 - Place T against door, secure with U and V.
11 - Refer to Detail D-C to install batteries:
   - Remove W from T.
   - Swing X away from T.
   - Remove Y from X.
   - Install 4, AA batteries into Y (observe polarity).
   - Reinstall Y into X.
   - Connect Z to P.
   - Swing X back to T, secure with W.
12 - Perform this step ONLY if your lock came with Office Function:
   - Refer to Detail D-D and connect Aa to Ba.
13 - Insert notched end of Ca into D.

CONTINUED ON PAGE 3...

...CONTINUED FROM PAGE 2
14 - Place Da over nipple-end of Ca.
15 - Place Ea over T.
16 - Secure Ea with Fa.
17 - Fully tighten E.
18 - Secure Ga to D with Ha.
Installation of hardware complete.

FUNCTIONAL TEST:
1 - Enter the pre-programmed Normal Access Code (1 3 5 7 9).
2 - Rotate outside lever downward.
   - Inside lever should also rotate downward.
3 - Test cylinder with mechanical keys.

Refer to Programming Guide for complete use of lock.