**Installation Instructions**

**Introduction:** This manual covers the complete hardware installation of all models of the KC2 5000 Cylindrical Lock Series.

**Notes:**
- Illustration on pages 2 and 3 shows a LHR installation, but yours might be different.
- Key cylinder to be 1-1/8" (28mm) or longer with Schlage "Classic" (P/N 602-191) or Schlage "Electromagnetic" (P/N 5552-948) or equivalent cam.
- Do not overtighten fasteners.
- Cylinder key does not work properly, check that cylinder and appropriate cylinder cam are installed in correct position.

**Non-Supplied Tools & Materials Needed:**
- Philips head screwdriver set
- Power Drill with 3/8" [10mm] chuck
- Drill bit set
- 1" [25mm] spade bit or hole saw
- 2-1/8" [54mm] hole saw
- Hex wrench set
- Square (90 degrees)
- Threadlocker (Loctite 242 recommended)
- Tape Measure
- Pencil
- Center Punch
- Hammer
- Chisel
- Masking tape
- Level

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**Blocking Ring Table**

<table>
<thead>
<tr>
<th>Key Cylinder Length</th>
<th>Blocking Ring (Schlage P/N: XXXX-finish)</th>
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</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>

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**See Back Cover for Door & Frame Prep**
After door & frame preparation, refer to illustration on right & assemble lock components onto 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.
2 - Place B against A.
3 - Secure A and B with C.
4 - Remove O and P from Q.
5 - Insert square end of Z into Aa.
6 - Insert round end of appropriate S (refer to Chart C-A) into T.
7 - Slide Q fully onto S.
8 - Feed U through door (hole V).
9 - Place H against door.

**NOTE:** Refer to Detail D-C. Latch Tabs (W) to engage with Retractor Claws (X).

10 - Place P onto Q, secure with O.
11 - Insert Y into Z.
12 - Insert square end of Z into Aa.
13 - Place Ba against Ca.
14 - Doors thinner than 1-3/4" [44mm], place Da against Ca.
15 - Feed U through Ca (or Da/Ca).
16 - Place Ca against door, secure with Ea and Fa.
17 - Refer to Detail D-D to install batteries:
   1. Remove Ga from Ca.
   2. Swing Ha away from Ca.

CONTINUED ON PAGE 3...

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**FUNCTIONAL TEST:**

1. Enter the pre-programmed Normal Access Code (1 3 5 7 9).
2. Rotate outside lever downward.
3. Inside lever should also rotate downward.
4. Test cylinder with mechanical keys.
5. Refer to Programming Guide for complete use of lock.