**DOOR & FRAME PREP**

**Mark on INSIDE of door**

**MORTISE CASE HANDING**

Verify, and if necessary, reconfigure mortise case handling.

**CORRECT**

- Beveled Side: Strike
- Door Frame: Direction of door when closing

**INCORRECT**

- Beveled Side: Entry
- Door Frame: Direction of door when opening

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

**INSTALLATION INSTRUCTIONS**

**INTRODUCTION**

This manual covers the complete hardware installation of the VIP5500.

**CONNECTION TO PANELS:**

Connect to panels using RS485 if panel manufacturer allows a direct VIP connection. If not, a PIB (Panel Interface Board) must be used to wire as separate access control components.

**DIP SWITCH SETTINGS**

**NOTES:**

Illustration on pages 2 & 3 shows a LHR installation, but yours might be different.

- Key cylinder to be 1-1/8”[29mm] or longer with Schlage B502-191 or Schlage B502-048 or equivalent cam. If cylinder key does not work properly, check that cylinder and appropriate cylinder cam are installed in correct position.
- This two data wires from panel (Data-A & Data-B) must be shielded twisted pair.
- Power from panel = 1.0±12[VDC] or 0.5±24[VDC]
- For computer programming instructions, see the documentation and help files included with the computer software.
- Do not overtighten fasteners.

**MATERIALS NEEDED**

- Phillips head screwdriver set
- Power Drill with 3/8”[10mm] chuck
- Drill bit set up to 1”[25mm]
- 1-1/4”[32mm] Hole saw w/mandrel
- Allen wrench set
- Square (90 degrees)
- Loctite 242 (or equivalent)

See Back Cover for:
- Door & Frame Prep
- Mortise Case Handling

**NON-SUPPLIED TOOLS & MATERIALS NEEDED**

- Tape Measure
- Pencil
- Center Punch
- Hammer
- Level
- Making tape

**DIP SWITCH SETTINGS**

<table>
<thead>
<tr>
<th>DIP Switch</th>
<th>Setting</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIP Switch</td>
<td>1-6</td>
<td>Reserved, not currently used</td>
</tr>
</tbody>
</table>

**BLOCKING RING TABLE**

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

This device complies with part 15 of FCC rules.

- Operation is subject to following two conditions:
  1. This device may not cause harmful interference.
  2. This device must accept any interference received, including any interference which may cause undesired operation.

**VIP Protocol:** For use with VIP5485 connection to partner panels or bright blue.

**RSI Protocol:** For use with VIP5485 connection to partner panels or bright blue.

**InterFlex Protocol:** For use with InterFlex.
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 - Install Mortise Lock (E):
   - Verify that beveled side * of bolt will face B. If needed, refer to Mortise Case Handing procedure on page 4.
   - Thread D through hole in door edge and out through wire hole.
   - Insert E (Autobolt or Latchbolt).
   - Loosely secure E with F. (DO NOT FULLY TIGHTEN F)

2 - Install Key Cylinder (G):
   - If G is longer than 1-1/8" [29mm], slide H over G (refer to BLOCKING RING TABLE on page 1).
   - Insert G.
   - Slide I over G.
   - Using J, screw K onto G until tight.
   - Line up nearest notch on K with tab on I.
   - Bend tab on I into notch of K.

3 - If changing the Handing, (refer to DETAIL D-A):
   - Remove: L, (use 5/32" [4mm] hex wrench), and M.
   - Rotate M 180 degrees, slide back onto shaft.
   - Apply threadlocker to L and reinstall.
   - Inside escutcheon - repeat with L and M as above.

4 - Verify that key cylinder is functional.
5 - Mount Outside Escutcheon (O):
   - Apply sticky side of N to O (feed P thru hole in N).
   - Install Q and R.
   - Verify S is at bottom, insert round end of T into U.
   - Feed P through wire hole in door.
   - Press O to outside of door.
   - Press V to inside of door, secure with W and X.
   - NOTE: For X, use 5/32" [4mm] hex wrench.
6 - Making connections to the Baseplate Assembly (V):
   - IMPORTANT: Power to be off while making connections. Refer to DETAIL D-B and do the following:
   - Plug P into Y.
   - Connect the 4 wires on Z to Aa (connect Ground first).
   - NOTE: Insulate shield wire from parts with tape or tubing.

CONTINUED ON PAGE 3...