**LR6000 INSTALLATION**

**NOTES:**
1. TRIM CAN BE MOUNTED UP, DOWN, HORIZONTALLY OR VERTICALLY. **
2. VISION LITE MUST BE AT LEAST 6" FROM CENTERLINE OF TRIM.

**INSTALLATION INSTRUCTIONS:**

1. Prep door according to LR6000 Series latch template
2. Install latch using either #8 wood screws or 8-32 machine screws (Item 2).
3. Check (1) base assembly (Item 3) to ensure the cam is the position shown in Detail A (See above)
   Place the base assembly on the push side of the door by inserting the cam shaft into the latch cam as
detailed above.
4. Check the other base assembly (Item 3) and ensure the cam is the position shown in Detail A
   (See above). Place base assembly on the pull side of door by engaging the cam shaft into the latch cam as
detailed above. Fasten both base assemblies together with (4) 10-32 screws (Item 4) and (4) 10-32
   hex nuts (Item 5). Test that cams rotate freely on both sides of the door after tightening the
   screws.
5. Install the push handle assembly (Item 7) to the base assembly installed on push side of door using
   (2) socket head cap screws (Item 8). Insert (1) stop pin (Item 9) through the push base assembly on
   the the same side of the direction the push handle is pointing. Test push handle for proper
   operation to be sure stop pin was installed in appropriate base assembly hole.
6. Repeat Step #5 on the pull side of the door for the pull handle assembly (Item 6). Insert (1)
   stop pin (Item 9) through the pull base assembly on the opposite side of the direction the pull
   handle assembly is pointing. Test pull handle for proper operation to be sure stop pin was
   installed in appropriate base assembly hole.
7. Place covers (Item 10) over handles and fasten each cover with (2) 8-32 screws (Item 11).

**PARTS LIST**

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QTY</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>LATCH</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>#8 X 3/4&quot;FHWS OR 8-32 X 3/8&quot;FHMS UC</td>
</tr>
<tr>
<td>3</td>
<td>2</td>
<td>BASE ASSEMBLY</td>
</tr>
<tr>
<td>4</td>
<td>4</td>
<td>10-32 X 2-1/2&quot; FHMS</td>
</tr>
<tr>
<td>5</td>
<td>4</td>
<td>10-32 HEX NUT</td>
</tr>
<tr>
<td>6</td>
<td>1</td>
<td>HANDLE ASSEMBLY, PULL</td>
</tr>
<tr>
<td>7</td>
<td>1</td>
<td>HANDLE ASSEMBLY, PUSH</td>
</tr>
<tr>
<td>8</td>
<td>4</td>
<td>6-32 X 3/8&quot; SHCS</td>
</tr>
<tr>
<td>9</td>
<td>2</td>
<td>STOP PIN</td>
</tr>
<tr>
<td>10</td>
<td>2</td>
<td>COVER</td>
</tr>
<tr>
<td>11</td>
<td>4</td>
<td>8-32 X 3/8&quot; OVAL HEAD M.S.</td>
</tr>
<tr>
<td>12</td>
<td>2</td>
<td>COTTER PIN</td>
</tr>
</tbody>
</table>

**EDGE GUARD NOTE:**
When preparing the door for the backset, determine if the door will receive an edge
Guard. If so, the edge guard should be installed first and then the prep for the latch
Backset should be measured from the outside edge of the edge guard.

**DETAIL "A"**

**NOTE:**
Before mounting base assemblies, cam must be rotated as per drawing shown in Detail "A".

---

**PATENT PENDING**

© 2016 ABH Mfg., Inc.
www.abhmfg.com
E-mail: abhinfo@abhmfg.com
Architectural Builders Hardware Mfg., Inc.
1222 Ardmore Ave., Itasca, IL 60143
630.875.9900; FAX 800.9FAXABH (932.9224)

© 2016 ABH Mfg., Inc.
 Printed in USA

---

**LR6000**

PAGE 1 OF 3
REVISED 04-29-16
LR6000 PUSH/PULL LATCH - DOOR PREP

**DOOR PREP INFORMATION:**
1. BACKSET DIMENSION FROM LOW EDGE OF BEVEL.
2. CENTER PUNCH ALL HOLES.
3. DRILL HOLES (FOR HOLLOW METAL DOORS, DO NOT DRILL THRU. CENTER PUNCH & DRILL HOLES FROM BOTH SIDES OF DOOR).

**EDGE GUARD NOTE:**
When prepping the door for the backset, determine if the door will receive an edge guard. If so, the edge guard should be measured first and then the prep for the latch backset should be measured from the outside edge of the edge guard.

**ADA**
Recommended height 44" from finished floor to center line or check local ordinance for proper height.

**VERIFY BACKSET CENTER LINE**

USE PROVIDED ORIGINAL FULL SCALE TEMPLATE TO PREP THE DOOR

© 2016 ABH Mfg., Inc. printed in USA

www.abhmfg.com
E-mail: abhinfo@abhmfg.com
Architectural Builders Hardware Mfg., Inc.
1222 Ardmore Ave., Itasca, IL 60143
630.875.9900; FAX 800.9FAXABH (932.9224)
LR6000 PUSH/PULL LATCH - FRAME PREP

FRAME PREP
1. Mark centerline of latch bolt on frame.
2. Center strike and mark screw positions.
3. Mortise to required strike and box depth.
4. All dimensions in inches.

1/2 DOOR THICKNESS

PREP FOR #12 SCREW

601LB STRIKE

PREP FOR #8 SCREW

PREP FOR #8 SCREW