7800/8200 Series Mortise Locks
Multi-function Lockbody
Options 04, 05, 06, 13, 31, 36, 37, 38

How to Change Function of Lock:

One green catch screw must be located in following three (3) locations as designated on lockcase to create desired function:

1. 05, 37 and 38 functions
2. 04, 06, 13 and 31 functions
3. 36 functions

Note: When moving green catch screw to 04, 06, 13 and 31 functions, hub position must be at 45° as shown on lockcase.

*See How to Change Hand of Lock, page 6

How to Change Hand of Lock:

1. Remove green catch screw.
2. Rotate hub to 45° position.
4. Rotate locking piece for required hand.
5. Reinstall green catch screw.

Items needed to create following functions:

<table>
<thead>
<tr>
<th>Function</th>
<th>Outside Lever</th>
<th>Inside Lever</th>
<th>Trim One</th>
<th>Inside Cylinder</th>
<th>Outside Cylinder</th>
<th>Thumb</th>
<th>Turn</th>
</tr>
</thead>
<tbody>
<tr>
<td>04</td>
<td>X</td>
<td>X</td>
<td>—</td>
<td>X</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>05</td>
<td>X</td>
<td>X</td>
<td>—</td>
<td>X</td>
<td>—</td>
<td>—</td>
<td>—***</td>
</tr>
<tr>
<td>06</td>
<td>—</td>
<td>X</td>
<td>X</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>13</td>
<td>—</td>
<td>X</td>
<td>X</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
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<tr>
<td>31</td>
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<td>X</td>
<td>X</td>
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<td>—</td>
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<td>—</td>
</tr>
<tr>
<td>36</td>
<td>—</td>
<td>X</td>
<td>X</td>
<td>—</td>
<td>—</td>
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<td>—</td>
</tr>
<tr>
<td>37</td>
<td>X</td>
<td>X</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>38</td>
<td>X</td>
<td>X</td>
<td>—</td>
<td>X</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
</tbody>
</table>

* 130 KB thumb turn is used with rose trim only, escutcheon trims requiring thumb turn, must be preassembled at factory.

#1 Cylinder is standard for both single and double cylinder functions for 1-3/4” thick door.

Note: Trim-one-side functions always require an inside trim assembly which can be used inside or outside of door (to order Trim-one-side kit for all trim except PT or FE) order part #82-4611.

How to Change Hand of Lock:

1. Red surface of locking piece must face locked side of door.
   • Position lockbody with red surface of locking piece visible.
   • Insert blade type screwdriver into locking piece slot to rotate locking piece.
   • Push locking piece toward back of lockbody and rotate 180° until red surface shows on opposite side.

Note: For 04, 06, 13, 17 and 31 functions:
   a. Remove green catch screw.
   b. Rotate hub to 45° position.
   c. Rotate locking piece for required hand.
   d. Face red surface to locked side of door.
   e. Rotate hub to original 45° position (as shown on lockcase).
   f. Reinstall green catch screw.

How To Change Hand of Lock

1. Insert screwdriver blade into spade shaped slot.

2. Rotate screwdriver 90° to push latch out until back of latch clears lock front. Rotate latch 180°. Latch will re-enter lockbody.

Note: Latch can not be unscrewed.

Installing for levers and knobs is identical:

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Req.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Varies</td>
<td>Inside lever handle – consult factory</td>
</tr>
<tr>
<td>2</td>
<td>—</td>
<td>Handle set screw 1/4-28 UNF</td>
</tr>
<tr>
<td>3</td>
<td>81-0093</td>
<td>Rose – “LN” design</td>
</tr>
<tr>
<td>4</td>
<td>01-1495</td>
<td>Machine screw #8-32 x 5/8&quot;</td>
</tr>
<tr>
<td>5</td>
<td>82-3088</td>
<td>Inside adapter and plate assembly</td>
</tr>
<tr>
<td>6</td>
<td>82-0368</td>
<td>Spindle</td>
</tr>
<tr>
<td>7</td>
<td>82-0184</td>
<td>Cap nut</td>
</tr>
<tr>
<td>8</td>
<td>01-0079</td>
<td>Washer</td>
</tr>
<tr>
<td>9</td>
<td>82-3082</td>
<td>Adapter and plate assembly (LN design)</td>
</tr>
<tr>
<td>10</td>
<td>81-0273</td>
<td>Mounting post</td>
</tr>
<tr>
<td>11</td>
<td>—</td>
<td>Outside lever handle – consult factory</td>
</tr>
<tr>
<td>12</td>
<td>77-3279</td>
<td>Turn lever assembly – 130KB design</td>
</tr>
<tr>
<td>13</td>
<td>77-2956</td>
<td>Emergency button assembly – 184KB</td>
</tr>
<tr>
<td>14</td>
<td>77-0551</td>
<td>Backplate</td>
</tr>
<tr>
<td>15</td>
<td>01-4370</td>
<td>Machine screw #6-32 x 3/8&quot;</td>
</tr>
<tr>
<td>16</td>
<td>15-1491</td>
<td>Wood screw #6 x 3/4&quot;</td>
</tr>
<tr>
<td>17</td>
<td>01-1154</td>
<td>Machine screw #6-32 x 1/4&quot;</td>
</tr>
<tr>
<td>18</td>
<td>77-0509</td>
<td>Kill cylinder rosset (for 8200)</td>
</tr>
<tr>
<td>19</td>
<td>13-0140</td>
<td>Compression spring</td>
</tr>
<tr>
<td>20</td>
<td>82-0612</td>
<td>Non-loosening wave spring</td>
</tr>
<tr>
<td>21</td>
<td>Varies</td>
<td>Lockbody</td>
</tr>
<tr>
<td>22</td>
<td>01-1028</td>
<td>Machine Screw #8-32 x 1/2&quot;</td>
</tr>
</tbody>
</table>

Tools Required:
- Phillips screwdriver (standard size)
- 1/8” Allen wrench
- Phillips and flat tip screwdriver

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Installation Instructions for 7800/8200 Series Mortise Locks (Except PT Trim and FE Trim)

See trim section to identify specific lock.

1. Important – check template 7057 to prep door for function holes, size and location. Verify strike location according to template. Clean door pocket and verify hand of lock.

2. Slide lock in door.
3. Slide outside lever and rose assembly (or lever and escutcheon assembly) through door and lockbody.

4. Slide cylinder (A) through spring (B) and collar (C) (or escutcheon). Thread into lock until cylinder face is flush with collar (C) (or escutcheon) edge. Key slightly pulled out of cylinder will help thread cylinder.

5. Tighten cylinder clamp screw by hand with #2 Phillips screwdriver.

6. Secure lock in door with two (2) wood screws or eight (8) #6 x 3/4" screws (M).

7. Slide spindle (E) into lockbody hub.

8. Slide adapter and plate assembly (F) over spindle and secure with two (2) #8-32 x 1-7/8" screws (G). Optional Indicator Insert Installation:

Note

- Optional indicator insert available for LE1/KE1 only.
- LE3 and KE3 are designed for concealed cylinders; concealed cylinders are installed prior to attaching escutcheons.

Through-bolt inside escutcheon to outside escutcheon with two (2) #8-32 x 1-7/8" screws (G).

Note

- Make sure screw heads are visible on inside escutcheon.

9. Screw rose (J) firmly onto adapter and plate assembly (F) (or attach escutcheon).

10. Attach inside lever and secure with 1/8" Allen wrench. Verify lock is operating correctly prior to closing door.

11. Assemble thumbturn/emergency release according to instructions on bag.

12. Check for proper operation.

13. Attach outside front (H) with two (2) #8-32 x 1/4" flat head screws (I).

Note

- Check for proper lock operation by function number (ex.: 8205=05 function). See 7800/8200 Series catalog (www.sargentlock.com).

1. Mount outside escutcheon and inside mounting plate per standard instructions.

2. If applicable, mount indicator insert on inside or outside of door by inserting spindle into mortise hub and continue with standard installation of inside escutcheon.

3. Slide outside lever and rose assembly (or lever and escutcheon) through door and lockbody. Cylinder Collar(s) – required for functions with two (2) cylinders and cylinders longer than #41 (1-1/8")

Note

- Required for functions with two (2) cylinders and cylinders longer than #41 (1-1/8").

Through-bolt inside escutcheon to outside escutcheon with two (2) #8-32 x 1-7/8" screws (G).

Note

- Make sure screw heads are visible on inside escutcheon.

TE, CE, LE1, KE1, LE3, KE3, LW1 and KW1 Escutcheon Installation

Optional Indicator Insert Installation:

1. Mount outside escutcheon and inside mounting plate per standard instructions.

2. If applicable, mount indicator insert on inside or outside of door by inserting spindle into mortise hub and continue with standard installation of inside escutcheon.

3. Slide outside lever and rose assembly (or lever and escutcheon) through door and lockbody. Cylinder Collar(s) – required for functions with two (2) cylinders and cylinders longer than #41 (1-1/8")

Note

- Optional indicator insert mounts either inside or outside of door.

Inside and outside escutcheons are surface applied using eight (8) #6 x 3/4" wood screws or eight (8) #6-32 x 3/4" machine screws (M).

LE2, LE4, KE2 and KE4 Escutcheon Installation

Note

- LE4 and KE4 are designed for concealed cylinders; concealed cylinders are installed prior to attaching escutcheons.

Cylinder Collar(s) – required for functions with two (2) cylinders and cylinders longer than #41 (1-1/8")

Note

- Required for functions with two (2) cylinders and cylinders longer than #41 (1-1/8").

Through-bolt inside escutcheon to outside escutcheon with four (4) 1/4-20 x 1-3/8" screws (N).

Note

- Screw heads visible on inside escutcheon.

WT Escutcheon Installation

Cylinder Collar(s) – required for functions with two (2) cylinders and cylinders longer than #41 (1-1/8")

Note

- Important – check template 7057 to verify hand of lock.

LS and KS Security Escutcheon

Install cylinder under escutcheon. Once escutcheon is installed, back cylinder out toward escutcheon as far as possible. When positioned correctly, secure cylinder in lockbody.

Note

- Optional indicator insert mounts either inside or outside of door.

Inside and outside escutcheons are surface applied using eight (8) #6 x 3/4" wood screws or eight (8) #6-32 x 3/4" machine screws (M).

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