1. Please read and follow all directions carefully.
2. This lock is not designed to be used on emergency exit doors.
3. Carefully inspect glass, door frame, door etc. to ensure the recommended procedure will not cause damage. dormakaba standard warranty does not cover damages cause by installation.
4. Wear safety glasses when making the holes.
5. All the following operations and testing of the lock to be done with door open.

**TOOLS REQUIRED**
- Safety glasses
- 1/2" (13mm) Chisel
- 1/8" (3mm) Drill Bit
- 5/32" (4mm) Drill Bit
- 1" (25mm) Drill bit or Hole Saw
- 2 1/8" (54mm) Drill bit or Hole Saw
- Drill
- Awl or Center Punch
- Screwdriver, 1/8" Slotted
- Phillips Screwdriver #2
- Adjustable Square
- Tape Measure

**1A - INSTALL STRIKE ON WOOD FRAME**

Install long screws on door stop side

**1B - INSTALL STRIKE ON STEEL FRAME**

Door stop

For maximum security, install reinforcing plate

**1C - DOOR PREPARATION**

A = Backset = 2 3/4"(70mm) or 2 3/8" (60mm)

1. Determine which template fits your Saffire LX-I lock installation, either 2 3/8" (60mm) or 2 3/4" (70mm) backset, 4" or 5 1/2" center to center.
2. Place appropriate template (supplied) onto door and mark holes.
3. Drill holes as per dimensions on the template. The 1" (25 mm) hole to be on the center line of door thickness.
4. Mortise door edge for dead bolt face plate and latch bolt face plate.
5. Drill 2 1/8" from both sides of the door to prevent unsightly damage.

**2. ADJUST BACKSET OF DEADBOLT**

The deadbolt is pre-set at 2 1/2" (70mm) backset. Proceed as illustrated to change to 2 3/4" (60mm) backset, if required.

**3. INSTALL DEADBOLT IN DOOR**

Do not remove tape

Slot at the bottom

**PART LIST & LOCK DIAGRAM**

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>QTY</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>FRONT UNIT ZINC HOUSING</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>GASKET - FRONT LOCK HOUSING</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>TAIL PIECE</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>BACK PLATE - INSIDE TRIM</td>
</tr>
<tr>
<td>5</td>
<td>1</td>
<td>INSIDE TRIM COVER ASSEMBLY</td>
</tr>
<tr>
<td>6</td>
<td>1</td>
<td>DEAD BOLT</td>
</tr>
<tr>
<td>7</td>
<td>1</td>
<td>LATCH</td>
</tr>
<tr>
<td>8</td>
<td>1</td>
<td>HANDLE ASSEMBLY - OUTSIDE</td>
</tr>
<tr>
<td>9</td>
<td>1</td>
<td>STRIKER PLATE AND DUST BOX KIT</td>
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<tr>
<td>10</td>
<td>2</td>
<td>REINFORCING PLATE</td>
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<tr>
<td>11</td>
<td>2</td>
<td>DUST BOX</td>
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<td>12</td>
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<td>13A</td>
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<td>13B</td>
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<td>SPINDLE &amp; RETAINING RING ASSEMBLY</td>
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<td>1</td>
<td>POWER CABLE</td>
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<tr>
<td>16</td>
<td>1</td>
<td>EXTENSION CABLE (OPTIONAL)</td>
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<td>17</td>
<td>3</td>
<td>PAN HEAD SCREW PHILLIPS 10-24 x 1 1/4&quot;</td>
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<tr>
<td>18</td>
<td>2</td>
<td>WOOD SCREW PHILLIPS #8 X 1 1/2&quot;</td>
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<td>19</td>
<td>4</td>
<td>FLAT HEAD SCREW PHILLIPS 8-32 X 7/32&quot;</td>
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<td>2</td>
<td>FLAT HEAD SCREW PHILLIPS 8-32 X 1 1/2&quot;</td>
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<tr>
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<td>2</td>
<td>WOOD SCREW PHILLIPS #8 X 3/4&quot;</td>
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<tr>
<td>22</td>
<td>1</td>
<td>PAN HEAD SCREW PHILLIPS 8-32 X 3/4&quot; OR 1 1/4&quot;</td>
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<tr>
<td>23</td>
<td>2</td>
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<td>2</td>
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<td>AA BATTERY</td>
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<tr>
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<td>2</td>
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</tr>
</tbody>
</table>

Please continue on next page.
5. ADJUST LOCK HANDING ON OUTSIDE HOUSING ASSEMBLY
1. Hold inner cam in place, groove always points to 12 o'clock.
2. Rotate outer cam counter clockwise until groove points to 6 o'clock

**Left hand (LH)**

- Outer cam
- Inner cam
- Groove at 12 o'clock

**Right hand (RH)**

- Groove at 6 o'clock

6. ASSEMBLE TAIL PIECE

- Click in place **"wire ring"** opening far from slot

7. REMOVE INSIDE COVER

1. Gently snap the door open.
2. Remove screw
3. Carefully slide the cover off the lever without scratching it.

8. ASSEMBLE OUTSIDE HOUSING

- Remove tape
- WARNING: Align stud and tail piece gently into dead bolt

9. INSTALL INSIDE TRIM ASSEMBLY

1. Install 3 top screws first to front lock assembly then install in place lever & rose assembly.
2. Install 2x bottom screw to lever & rose assembly.
3. Outside & inside lock assembly must be align vertical.
4. Before tightening the screws verify functionality by extracting & retracting the deadbolt. The deadbolt should move smoothly.
5. All screws shall be tighten properly.
6. Tighten all screws.
7. Connect wiring V1 & V2 and W1 & W2.
8. Installed 3x AA batteries

CONNECT W1 TO W2 (COMMUNICATION IF APPLICABLE)

INSTALL TOP SCREWS FIRST

CONNECT V1 TO V2 (POWER)

WHILE INSERTING THE LEVER & ROSE ASSEMBLY IN PLACE, MAKE SURE TO ALIGN SPINDLE AND SCREW POST WITH THEIR RESPECTIVE HOLE AND PUSH GENTLY IN.

ROTATE LEVER CW OR CCW, INSERT A 5/64 OR 2MM TOOL INTO ACCESS HOLE TO HOLD THE HANDLE DOWN AND CLEAR PASSAGE FOR SCREW

RUN CABLE THROUGH DOOR AND UNDER DEADBOLT

RUN CABLE THROUGH INSIDE TRIM BACKPLATE SLOT

INSTALL IN PLACE LEVER & ROSE ASSEMBLY

3 - Carefully slide the cover off the lever without scratching it.

4 - Remove screw

5 - Gently snap the door open.

6 - Install 3 top screws first to front lock assembly then install in place lever & rose assembly.

7 - Install 2x bottom screw to lever & rose assembly.

8 - Outside & inside lock assembly must be align vertical.

9 - Before tightening the screws verify functionality by extracting & retracting the deadbolt. The deadbolt should move smoothly.

10 - All screws shall be tighten properly.

11 - Tighten all screws.

12 - Connect wiring V1 & V2 and W1 & W2.

13 - Installed 3x AA batteries
10. INSTALL INSIDE TRIM ASSEMBLY

For a left hand side lock, it shall be possible to align cam slot vertically as shown. If not, inside trim chassis and slider assembly do not have the proper handing and must be reverse.

For a right hand side lock, it shall be possible to align cam slot vertically as shown. If not, inside trim chassis and slider assembly do not have the proper handing and must be reverse.

11. INSTALL INSIDE COVER

1. Slide the cover over the lever without scratching the lever.
2. Lightly screw in the two upper screws.
3. Install the lower screw.
4. Tighten the upper screws in place.
5. Snap in the cover.

If spindle is disconnected from lever, re-insert spring in lever as follow:
Push the spring lightly inside lever hole and gently twist the spindle and spring assembly 2 or 3 turns counterclockwise then press the spindle all the way in.

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.*

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

• Reorient or relocate the receiving antenna.
• Increase the separation between the equipment and receiver.
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experienced radio/TV technician for help.*

Changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.