WARNING

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.
4. Wear safety glasses when making the holes.
5. All the following operations and testing of the lock are 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

1C - Door Preparation
A = Backset = 2 3/4" (70mm) or 2 3/8" (60mm)
1. Determine which template fits your Saffire LX-D lock installation, either 2 3/8" (60mm) or 2 3/4" (70mm) backset.
2. Place appropriate template 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.
5. Drill 2 1/8" from both sides of the door to prevent unsightly damage.

1A - Install Strike on Wood Frame
For maximum security, install reinforcing plate.
Install long screws in door stop side.

1B - Install Strike on Steel Frame

1D - Install Deadbolt in Door

Part List & Lock Diagram

For door thickness between 2-1/4" and 2-1/2" please order hardware kit 062-515846.

Item No. | Qty. | Description
--- | --- | ---
1 | 1 | Front lock housing assembly
2 | 1 | Gasket front lock housing
3 | 1 | Tail piece
4 | 1 | Inside trim assembly
5 | 1 | Inside trim cover assembly
6 | 1 | Deadbolt
7 | 1 | Strike plate
8 | 1 | Dust box
9 | 1 | Reinforcing plate
10 | 2 | Phillips, 8 x 1" wood screw
11 | 2 | Phillips, 8 x 3" wood screw
12 | 2 | Phillips, 5/32 x 7/32 flat head screw
13 | 2 | Phillips, 5/32 x 1/2 flat head screw
14 | 2 | Phillips, 8 x 1" wood screw
15 | 1 | 6-32 x 3/16" pan dead screw
16 | 3 | Phillips, 10-24 x 1-1/4" pan head screw
17 | 1 | Messenger cable (optional)
18 | 1 | Power cable
19 | 3 | AA battery

Item No. | Qty. | Description
--- | --- | ---
20 | 1 | Fire plate
21 | 1 | Base plate
22 | 1 | Cover plate
23 | 1 | Locating post
24 | 3 | Flat head screw
25 | 3 | Button head screw

HORIZONTAL MOUNTING OPTION INSIDE TRIM

For thicker door, please see order guide.
OUTER CAM GROOVE AT 12 O'CLOCK
INNER CAM
LEFT HAND (LH)
1- HOLD TO PREVENT ROTATION.
2- ROTATE TO CHANGE FROM LH TO RH.

RIGHT HAND (RH)
GROOVE AT 6 O'CLOCK

TAIL PIECE SHALL BE "SNAP" IN PLACE WITH WIRE RING OPENING ROTATED AT 6 O'CLOCK.

WARNING
ALIGN STUD AND TAIL PIECE GENTLY INTO DEAD BOLT TAIL PIECE MUST BE BELOW DEADBOLT CENTER LINE

STEP 1: HOLD INNER CAM IN PLACE, INNER CAM GROOVE ORIENTED AT 12 O'CLOCK.
STEP 2: FOR RH LOCK, ROTATE OUTER CAM COUNTERCLOCKWISE UNTIL OUTER CAM GROOVE IS ORIENTED AT 6 O'CLOCK.
STEP 3: FOR LH LOCK, ROTATE OUTER CAM CLOCKWISE UNTIL OUTER CAM GROOVE IS ORIENTED AT 12 O'CLOCK.

STEP 1: ENGAGE TAIL PIECE
STEP 2: REMOVE TAPE
STEP 3: ENGAGE COVER'S TAB WITH BACK PLATE HOOK.
STEP 4: CLOSE COVER'S BOTTOM.
STEP 5: INSTALL SCREWS.
STEP 6: PROTECTIVE PLASTIC FILM SHALL BE REMOVED FROM THE COVER, BOTH SIDES.

5. ASSEMBLE TAIL PIECE
6. REMOVE INSIDE COVER
7. ASSEMBLE OUTSIDE HOUSING

STEP 1
STEP 2
REMOVE TAPE

STEP 1: ENGAGE TAIL PIECE
STEP 2: MOVE THE COVER UPPWARD. TAIL PIECE MUST REMAIN ENGAGED IN TURN KNOB.
STEP 3: ENGAGE COVER'S TAB WITH BACK PLATE HOOK.
STEP 4: CLOSE COVER'S BOTTOM.
STEP 5: INSTALL SCREWS.

STEP 6: AFTER CONNECTION, CABLES SHALL BE ROUTED AROUND THE CLIPS
CONNECT V1 TO V2 (POWER)
CONNECT W1 TO W2 (COMMUNICATION IF APPLICABLE)
AFTER CONNECTION, 6. CABLES SHALL BE ROUTED AROUND THE CLIPS

9. INSTALL INSIDE COVER

STEP 1
STEP 2
STEP 3
STEP 4
STEP 5
STEP 6

PK3705 - Rev 3
8B - INSTALL INSIDE TRIM ASSEMBLY HORIZONTAL MOUNTING OPTION (IF APPLICABLE)

1. BEFORE TIGHTENING THE SCREWS VERIFY FUNCTIONALITY BY EXTRACTING AND RETRACTING THE DEADBOLT. DEADBOLT SHALL MOVE SMOOTHLY.
2. ALL SCREWS SHALL BE TIGHTENED PROPERLY.
3. CONNECT BATTERIES AFTER TIGHTENING ALL SCREWS AND WIRING W1 & W2.

1. CABLES SHALL BE PULLED GENTLY THROUGH INSIDE TRIM'S BACKPLATE TO ACCUMULATE ALL EXCESS CABLES WITHIN THE INSIDE TRIM.

LH MOUNTING

LOCATING POST AND MOUNTING SCREWS SHALL BE INSTALLED AS SHOWN.

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.
STEP 1: ENGAGE TAIL PIECE

STEP 2: MOVE THE COVER UPPWARD. TAIL PIECE MUST REMAIN ENGAGED IN TURN KNOB. SEE DETAIL A & B

STEP 3: ENGAGE COVER'S TAB WITH BACK PLATE HOOK.

STEP 4: CLOSE COVER'S BOTTOM.
STEP 5: INSTALL SCREWS.

STEP 6: PROTECTIVE PLASTIC FILM SHALL BE REMOVED FROM THE COVER, BOTH SIDE.