This kit includes the following parts:

**LX**
- Locknut
- Bracket
- Rod

**LX/LC**
- Rod & Bracket Assembly
- Standard (LX) or low current (LX-LC)

This switch is intended for signaling purposes only and is rated for a maximum 2 amperes resistive load at 24VDC/AC. Use with inductive or capacitive loads (magnetic locks or solenoid devices) derates the capacity of the switch. Consult the factory for assistance.

This switch is intended for systems using low current signals. The switch is rated for a maximum of 50mA. Consult the factory for assistance.

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**Step 1** Disassemble the device. (Remove from door if mounted.)

1. **Remove screws.**
2. **Remove mechanism case.**
3. **Remove push bar.**
Step 1 continued  Disassemble the device. (Remove from door if mounted.)

33/35 Device

1. Remove mechanism case.

2. Remove push bar.

3. If the push bar has 2 screws for end cap, replace with the 2 screws provided in this kit.

Base Plate Assembly

Push bar guide.

Dogging assembly may not be present on all devices.

33A/35A & 98/99 Device

1. Remove fasteners.

2. Remove mechanism case.

3. Remove push bar.

4. If the push bar has 2 screws for end cap, replace with the 2 screws provided in this kit.

Base Plate Assembly

Push bar guide.

98/99 device center case shown

Used on 33A/35A device only

Dogging assembly may not be present on all devices.
Step 2 Install Switch

1. Remove & discard this bearing strip before snapping switch assembly onto rear guide base.

2. Drill two 1/8" holes through rear guide base only if holes are not present.

3. Install Switch Assembly.

4. Install nylon fastener.

5. Route the wires from the switch assembly through this hole. Wires are not to interfere with any moving parts. Secure wires with cable tie as shown.

6. Slide the rod & bracket assembly through the center of the device and insert the end of the rod through this hole in the switch assembly.

7. Snap the LX actuator into the groove on the rod. Pull rod & bracket assembly forward until the LX actuator engages the switch.
Step 3  Attach rod

Top illustration is for a 22 Device with a composite action rod **only**. All others see bottom illustration.

**Step 1** Remove snap ring and slide control link pin out.

Pull spring back and hold for Steps 9 & 10.

**Step 2** Insert actuator bracket.

**Step 3** Insert control link pin and snap ring

*WARNING:* Snap ring must be inserted into groove on control link pin.

**Step 1** Remove snap ring and slide control link pin out.

**Step 2** Insert actuator bracket.

**Step 3** Insert control link pin and snap ring

*WARNING:* Snap ring must be inserted into groove on control link pin.
Step 4  Check the switch for proper actuation

Depress the bellcrank, the switch should actuate during this movement.

Release the bellcrank, the switch should actuate during this movement.

If adjustment is needed, loosen screw in the side of the switch assembly and slide switch forward or backward as necessary.

*White = 2A
Black = 50mA

Step 5  Prepare door for device wiring.

Drill 5/16" - 5/8" hole this side only

Note: If device is an ALK, refer to device installation instructions.