



941066-00

EL-LX/EL-LX-LC

VON DUPRIN®

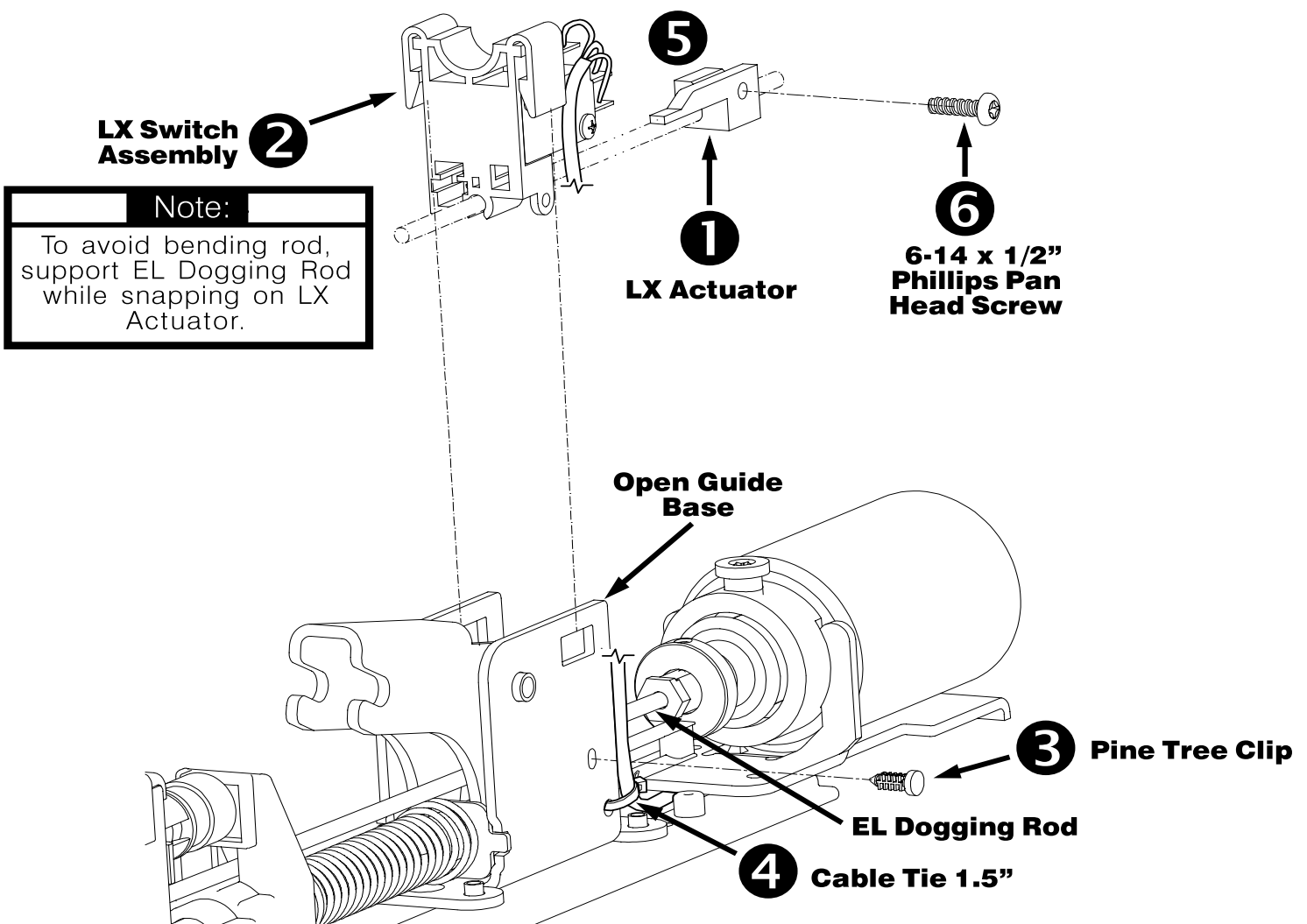
Switch

Installation Instructions

LX - Switch is intended for signaling purposes only and is rated for a maximum 2 ampere resistance 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.

LX-LC - Switch is intended for systems using low current signals and is rated for a maximum 50mA. Consult the factory for assistance.

1. Attach LX Actuator to EL Dogging Rod. Position part as shown. *See note below.*
2. Attach LX Switch Assembly to Open Guide Base by snapping into place.
3. Insert Pine Tree Clip through hole in Open Guide Base and into the LX Switch Assembly as shown.
4. Secure switch wires along edge of bracket with cable tie. Ensure wires do not interfere with any moving parts.
5. Slide LX Actuator forward on the rod and through the LX Switch Assembly until desired signal is obtained.
6. Insert screw into hole in LX Actuator to secure position on rod.



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 941066-00 Rev. 01/14-c



941039-00

LX/LX-LC

VON DUPRIN®

Switch Retrofit Kit

Installation Instructions

This kit includes the following parts:

LX { This switch is intended for signaling purposes only and is rated for a maximum 2 ampere 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.

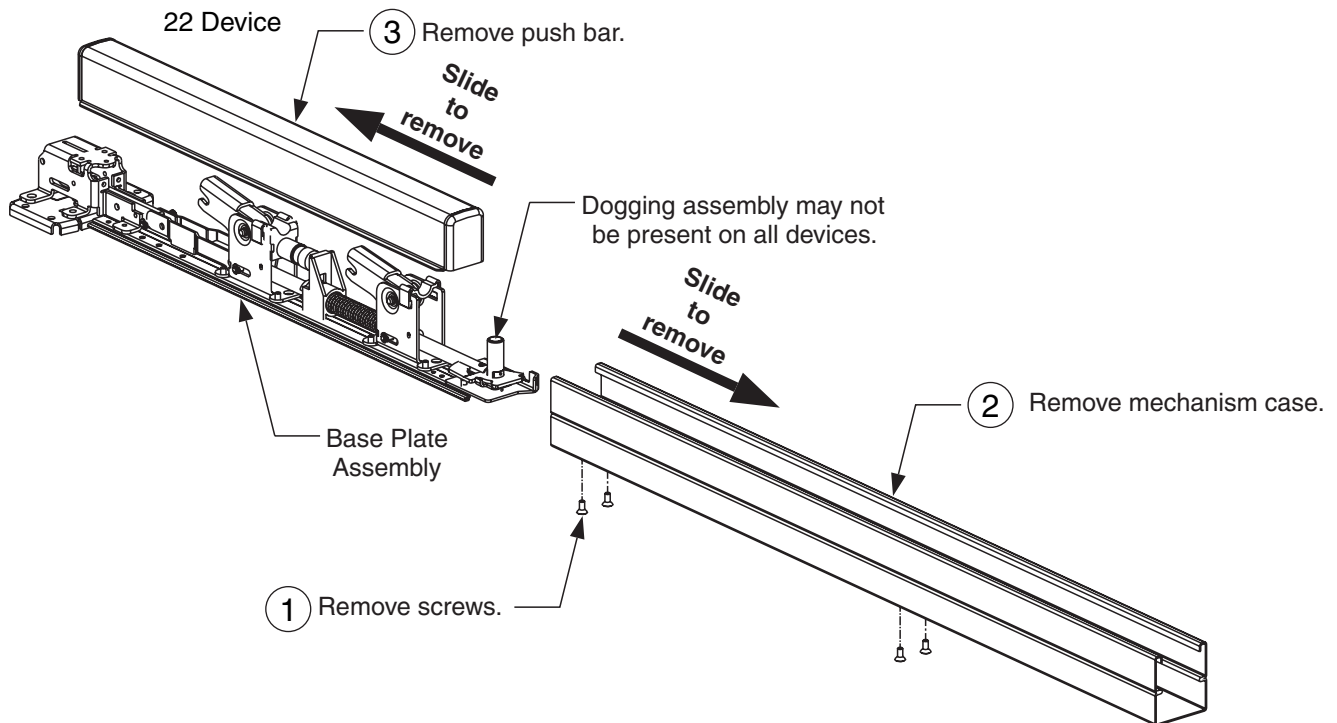
LX/LC { This switch is intended for systems using low current signals. The switch is rated for a maximum of 50mA. Consult the factory for assistance.

Rod & Bracket Assembly

Standard (LX) or low current (LX-LC)

8-18 X 3/8" FPHSMS LX Actuator Switch Assembly Nylon Fastener Cable Tie 1.5" Snap Ring

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

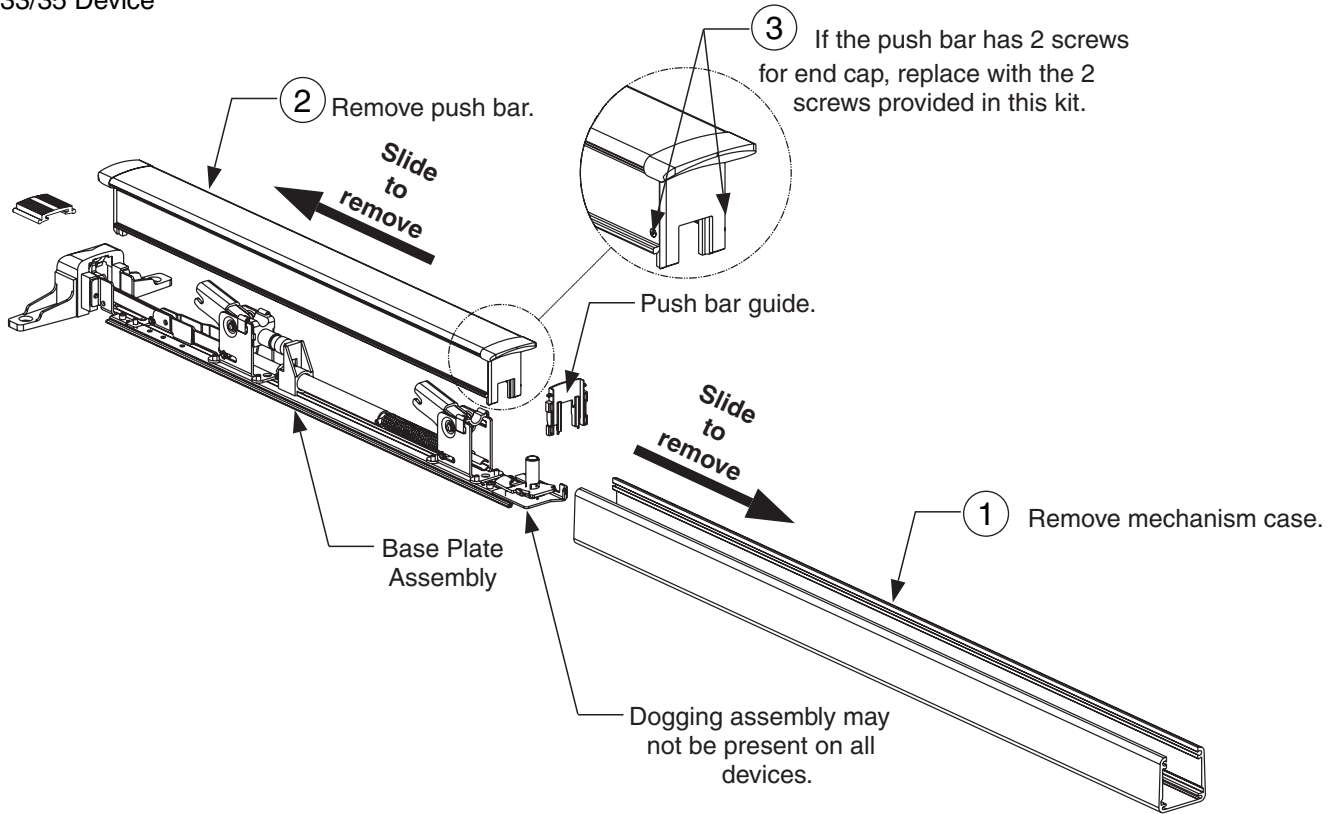


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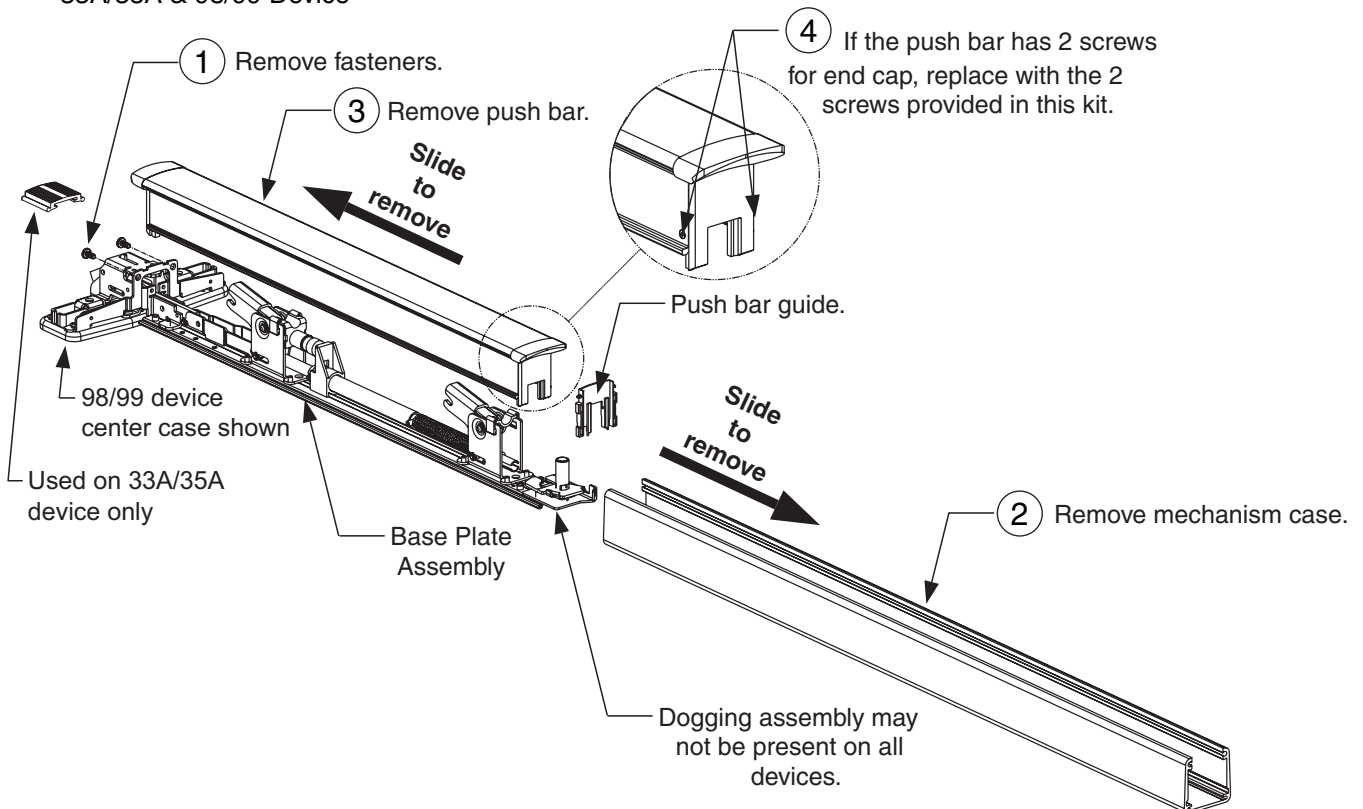
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Step 1 continued Disassemble the device. (Remove from door if mounted.)

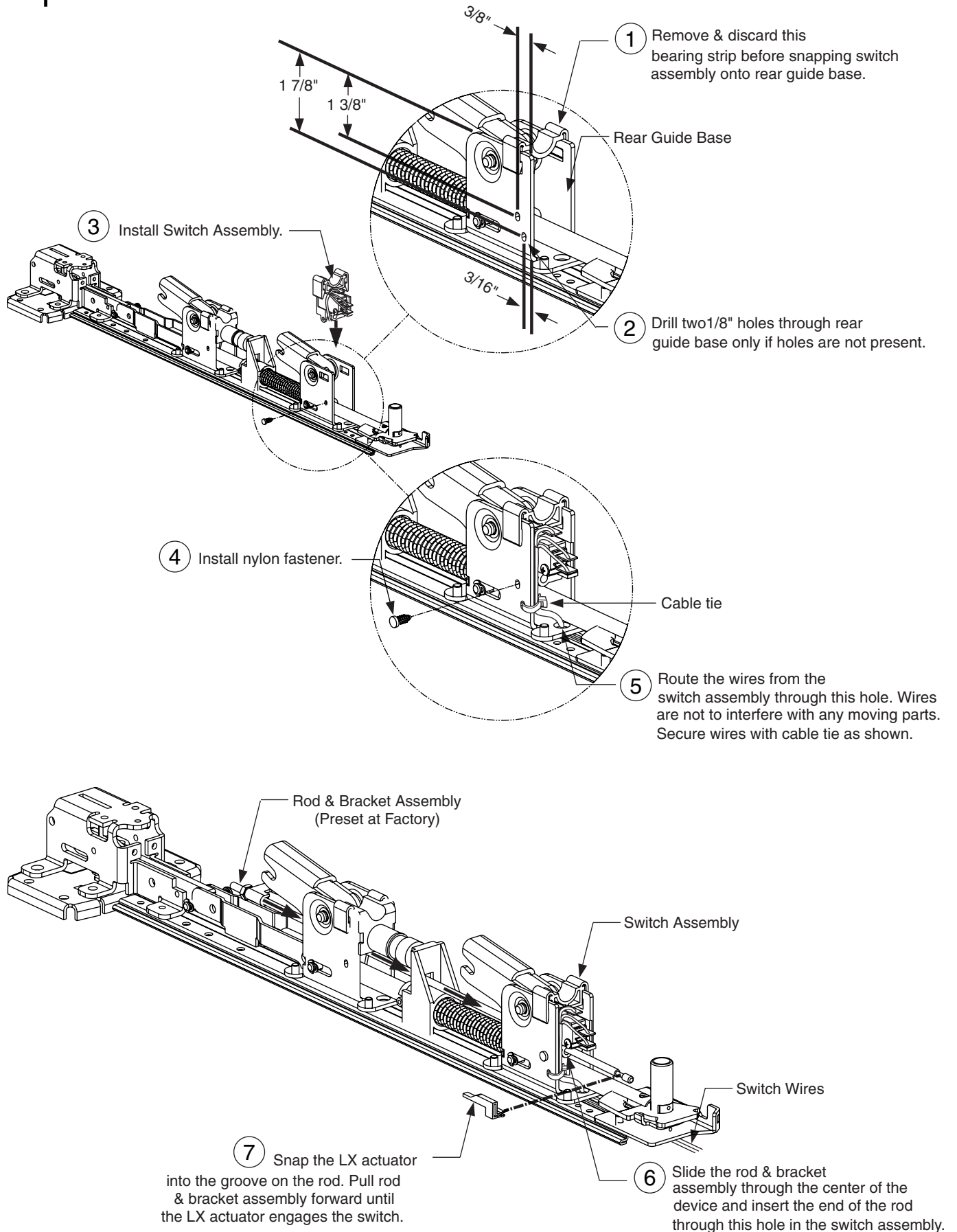
33/35 Device



33A/35A & 98/99 Device

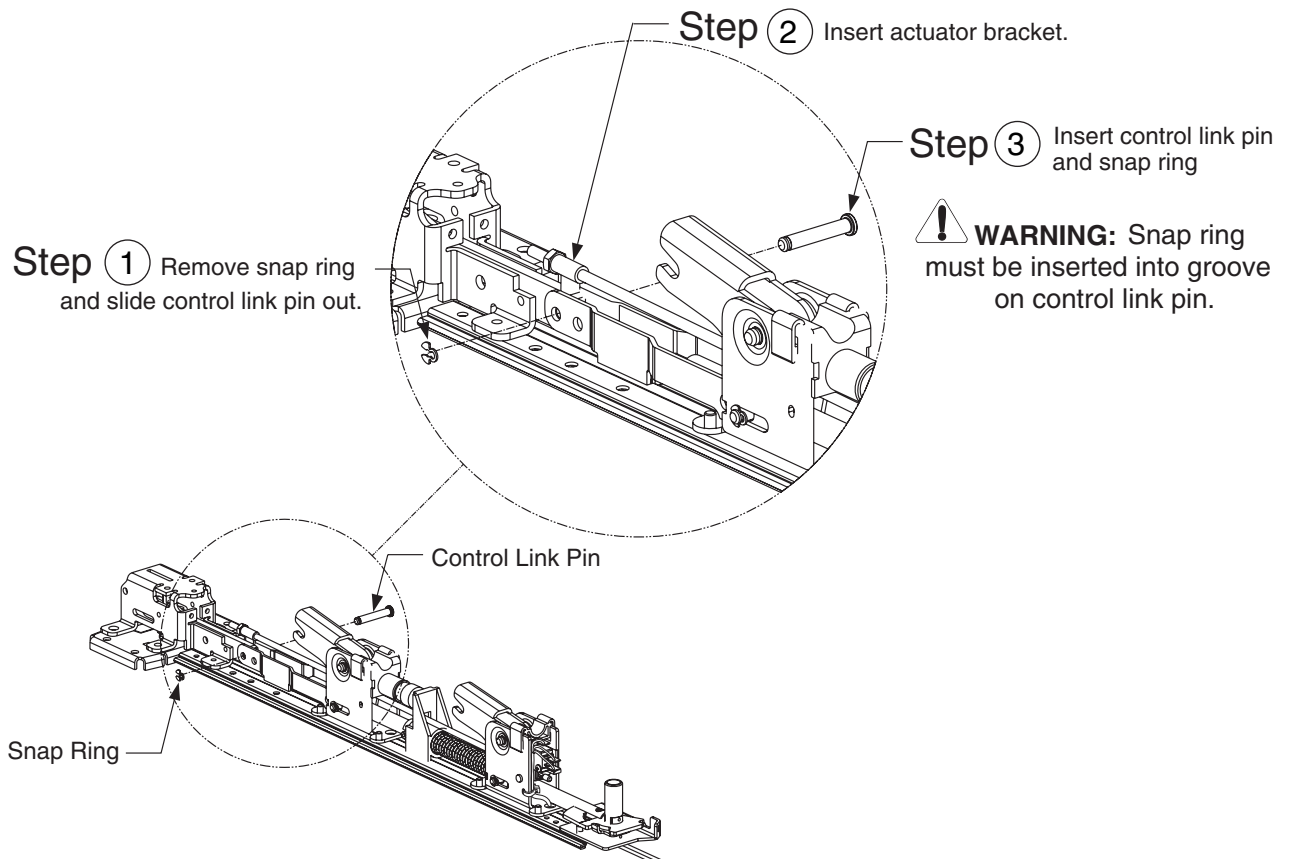
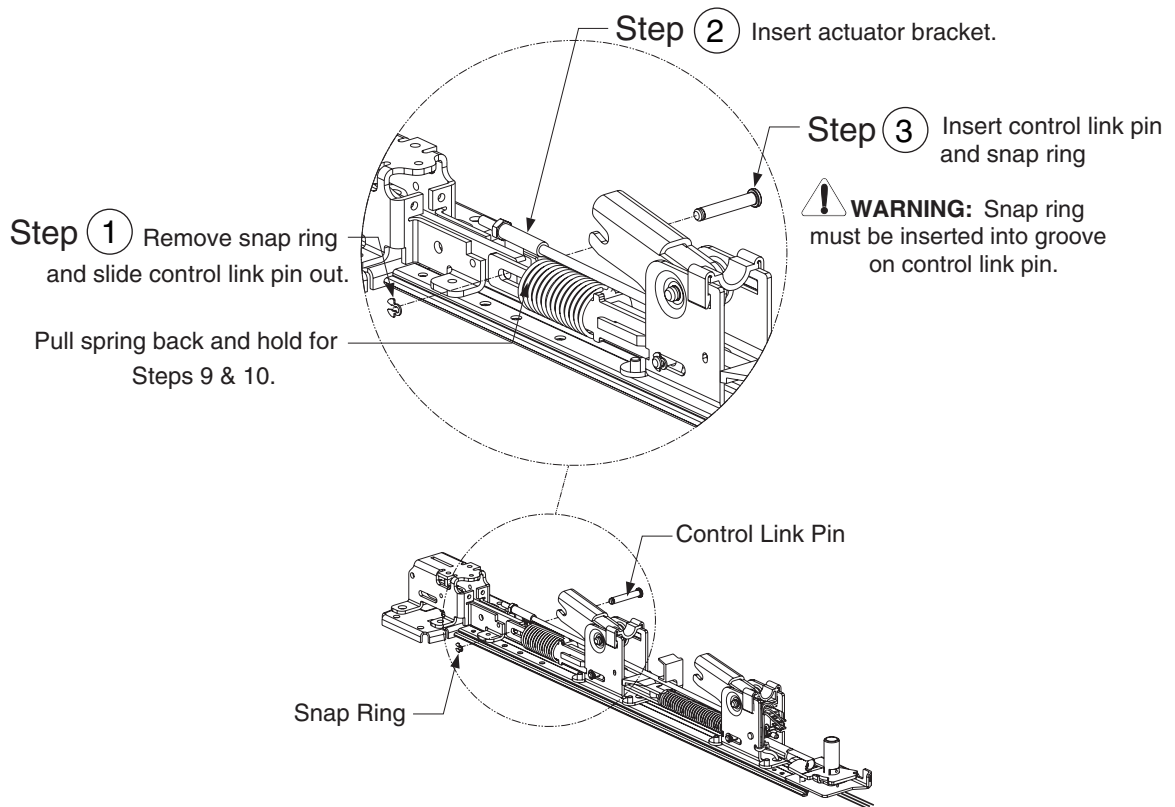


Step 2 Install Switch



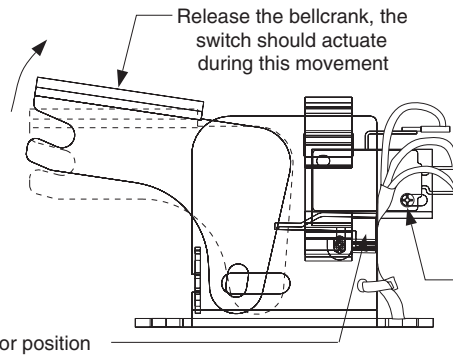
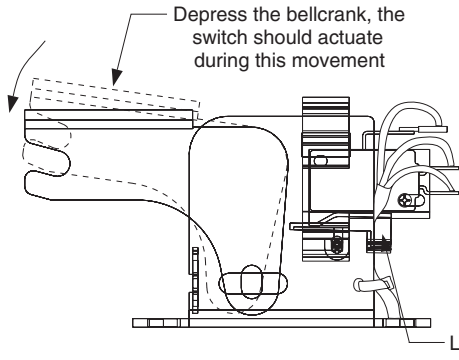
Step 3 Attach rod

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

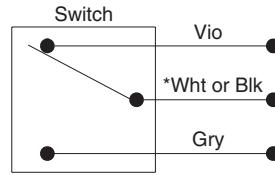
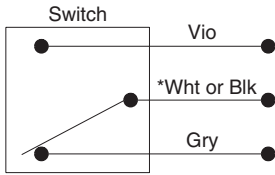


Step 4

Check the switch for proper actuation



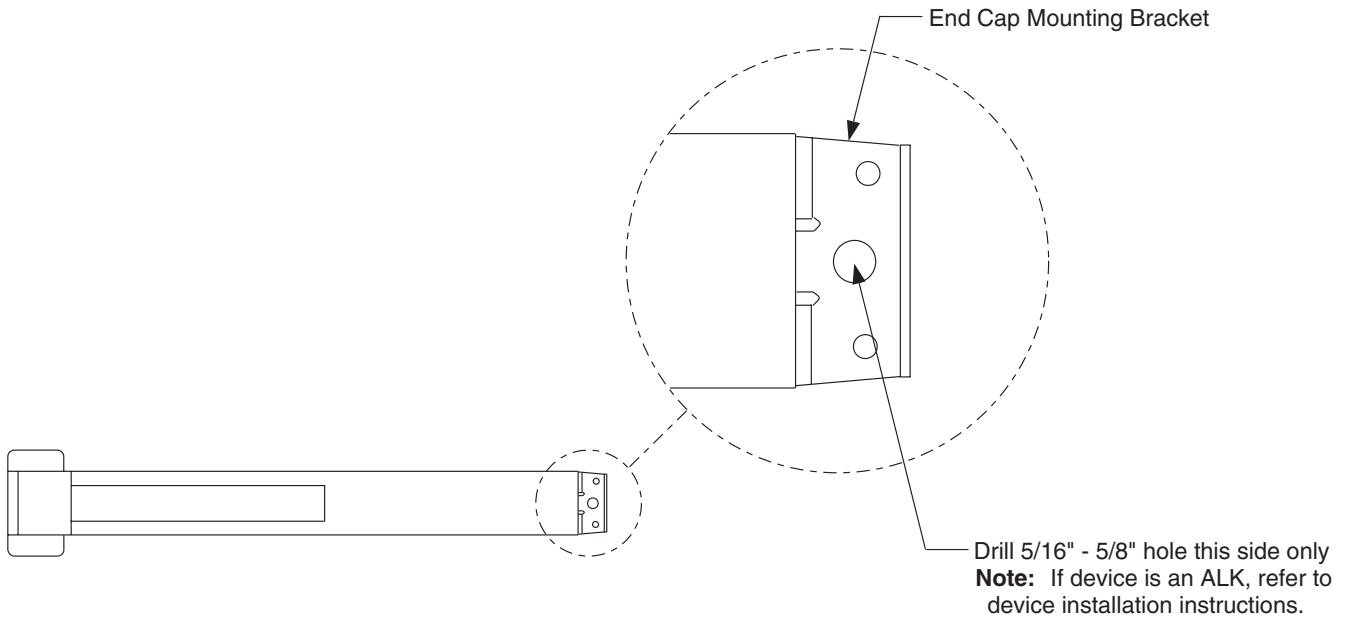
If adjustment is needed, loosen screw in the side of the switch assembly and slide switch forward or backward as necessary.



*White = 2A
Black = 50mA

Step 5

Prepare door for device wiring.



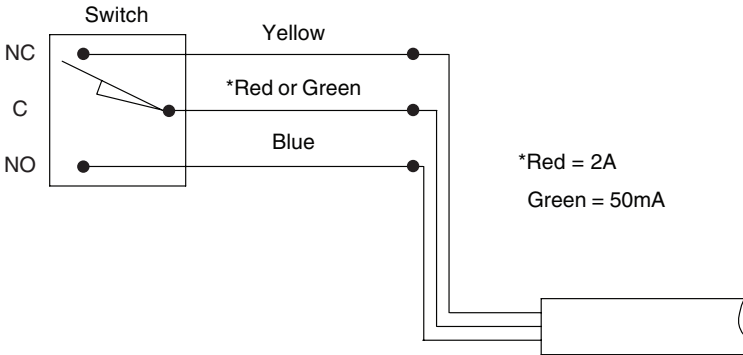
Drill 5/16" - 5/8" hole this side only
Note: If device is an ALK, refer to device installation instructions.

RX or RX-LC/S1 Switch Wiring

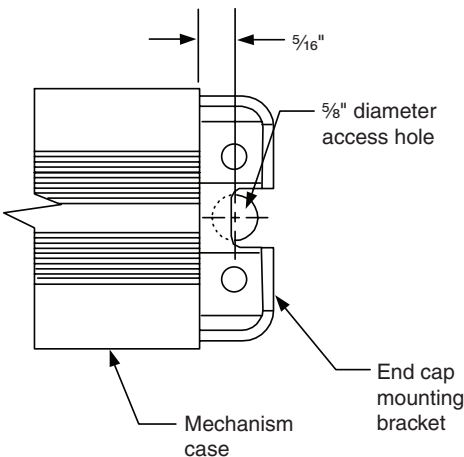
RX - Switch is intended for signaling purposes only and is rated for a maximum 2 ampere resistance load at 24VDC/AC. Use with inductive or capacitive loads (magnetic locks or solenoid devices) derates the capacity of the switch. Consult the factory for assistance.

RX-LC - Switch is intended for systems using low current signals and is rated for a maximum 50mA. Consult the factory for assistance.

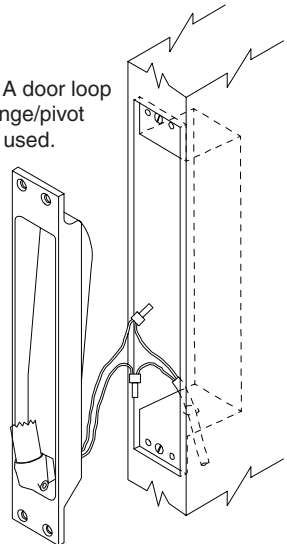
1. The RX touchbar monitor switch is activated whenever the touchbar is depressed.
2. The switch function is shown with the latchbolt extended and the touchbar not depressed.



3. Mark and drill wiring access hole on inside face of door (only after device is cut to length).
4. The Von Duprin EPT-10 power transfer (for three wires) or EPT-2 power transfer (for two wires) is required to transfer the wiring from the door to the frame.
5. Connect the power transfer wires and switch assembly wires with crimp connectors. Unused wires should be insulated separately.



EPT shown. A door loop or electric hinge/pivot may also be used.

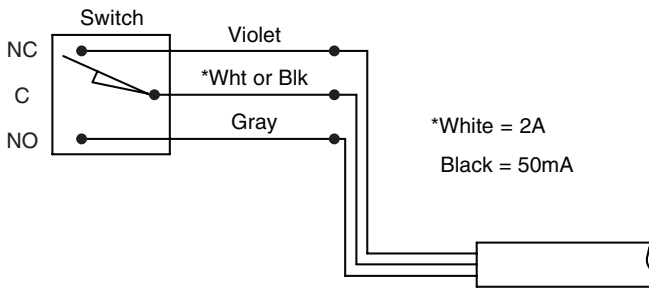


LX or LX-LC Switch Wiring

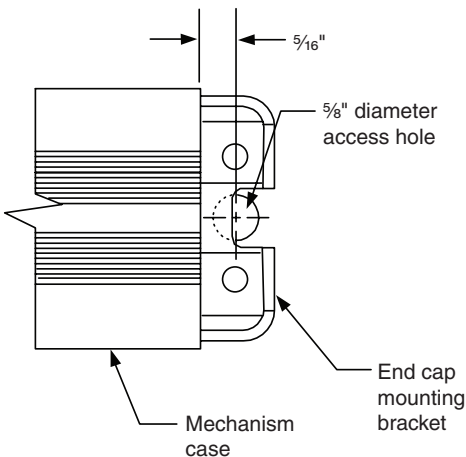
LX - Switch is intended for signaling purposes only and is rated for a maximum 2 ampere resistance load at 24VDC/AC. Use with inductive or capacitive loads (magnetic locks or solenoid devices) derates the capacity of the switch. Consult the factory for assistance.

LX-LC - Switch is intended for systems using low current signals and is rated for a maximum 50mA. Consult the factory for assistance.

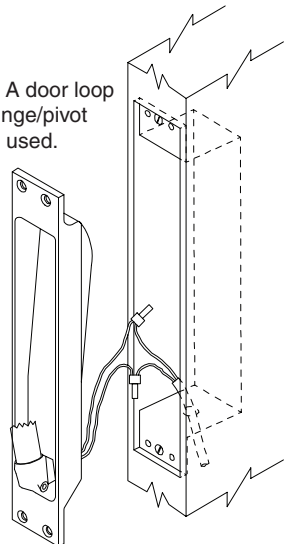
1. The latchbolt monitor switch is activated whenever the latch bolt is retracted.
2. The switch function is shown with the latchbolt extended and the touchbar not depressed.



3. Mark and drill wiring access hole on inside face of door (only after device is cut to length).
4. The Von Duprin EPT-10 power transfer (for three wires) or EPT-2 power transfer (for two wires) is required to transfer the wiring from the door to the frame.
5. Connect the power transfer wires and switch assembly wires with crimp connectors. Unused wires should be insulated separately.



EPT shown. A door loop or electric hinge/pivot may also be used.





941038-00

Switch Retrofit Kit

RX/RX-LC/S1

VON DUPRIN®

Installation Instructions

This kit includes the following parts:

RX



This switch is intended for signaling purposes only and is rated for a maximum 2 ampere 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.

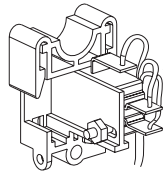
RX-LC



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



8-18 X 3/8" Flat Head Screw (2)



Switch Assembly



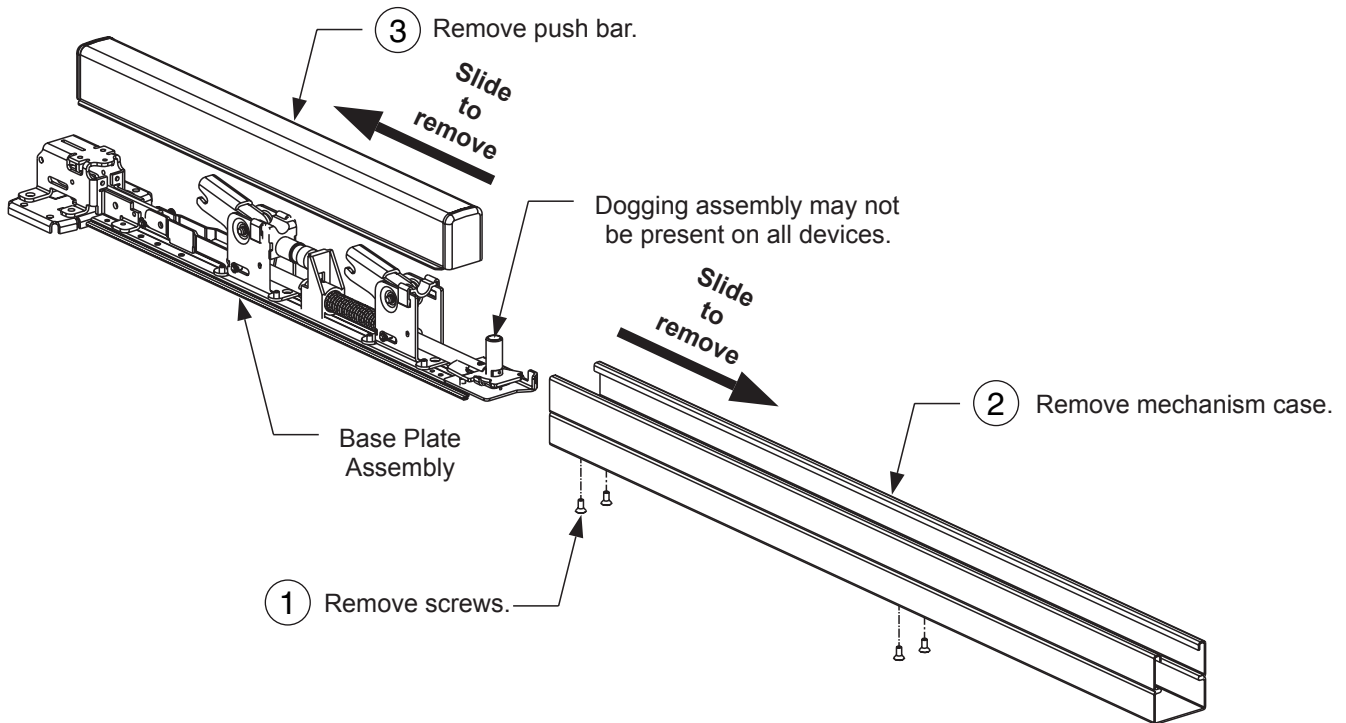
Cable Tie 1.5"



Nylon Fastener

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

22 Device



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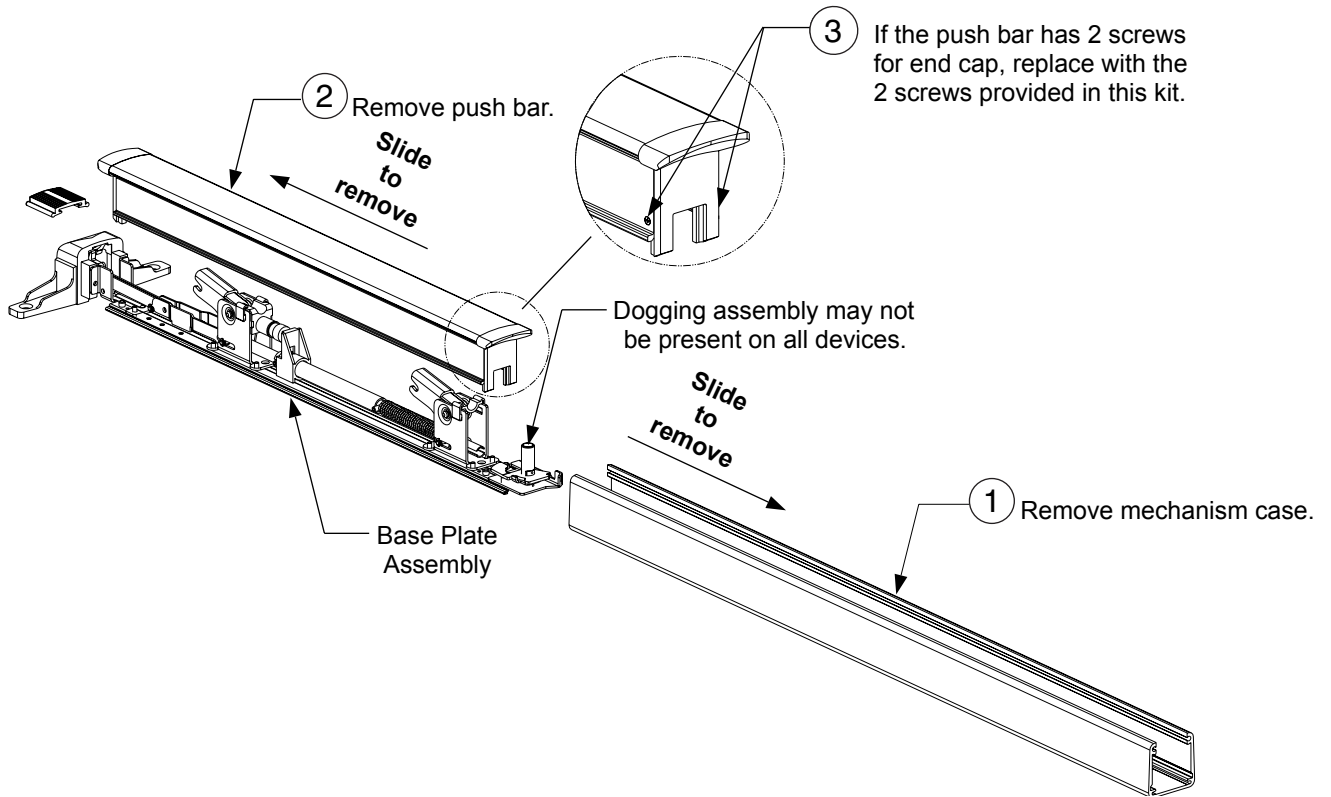
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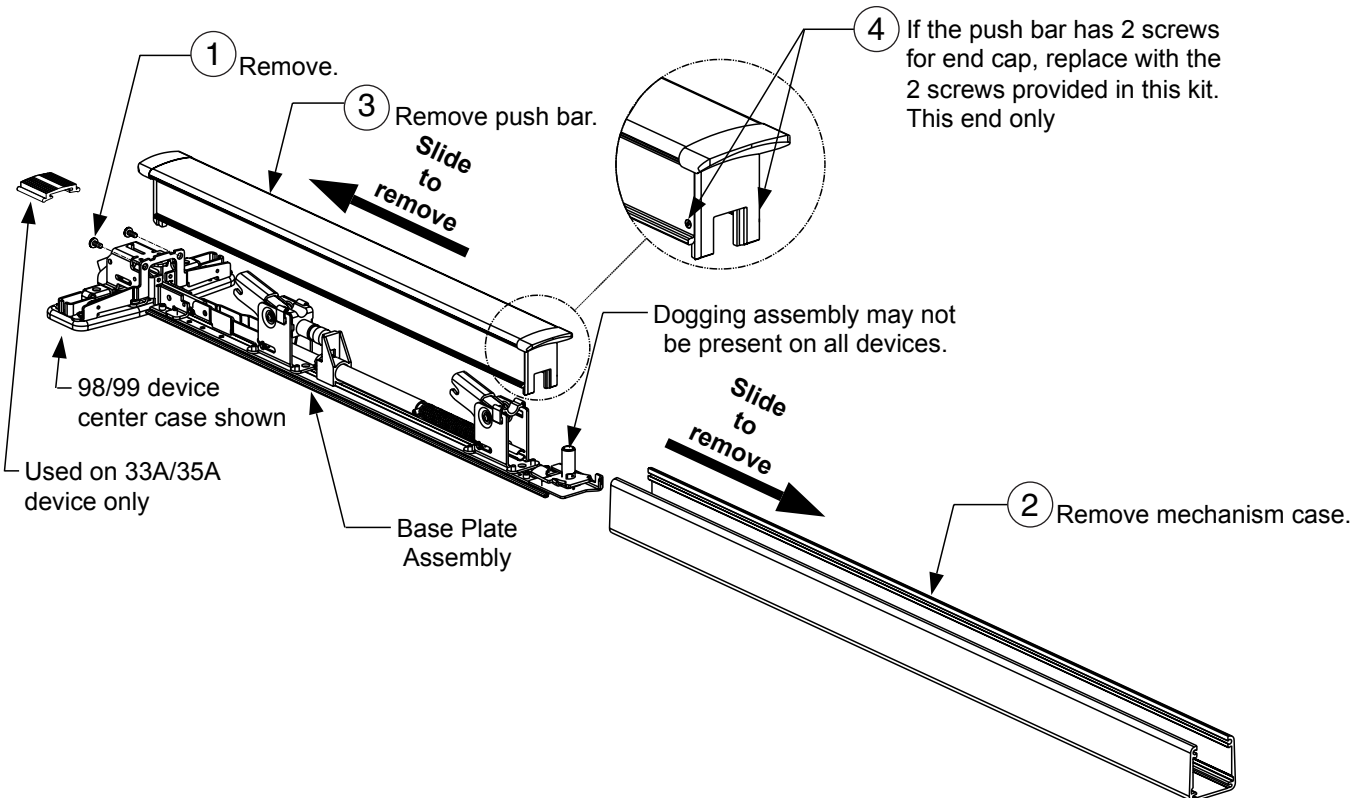
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Step 1 Continued

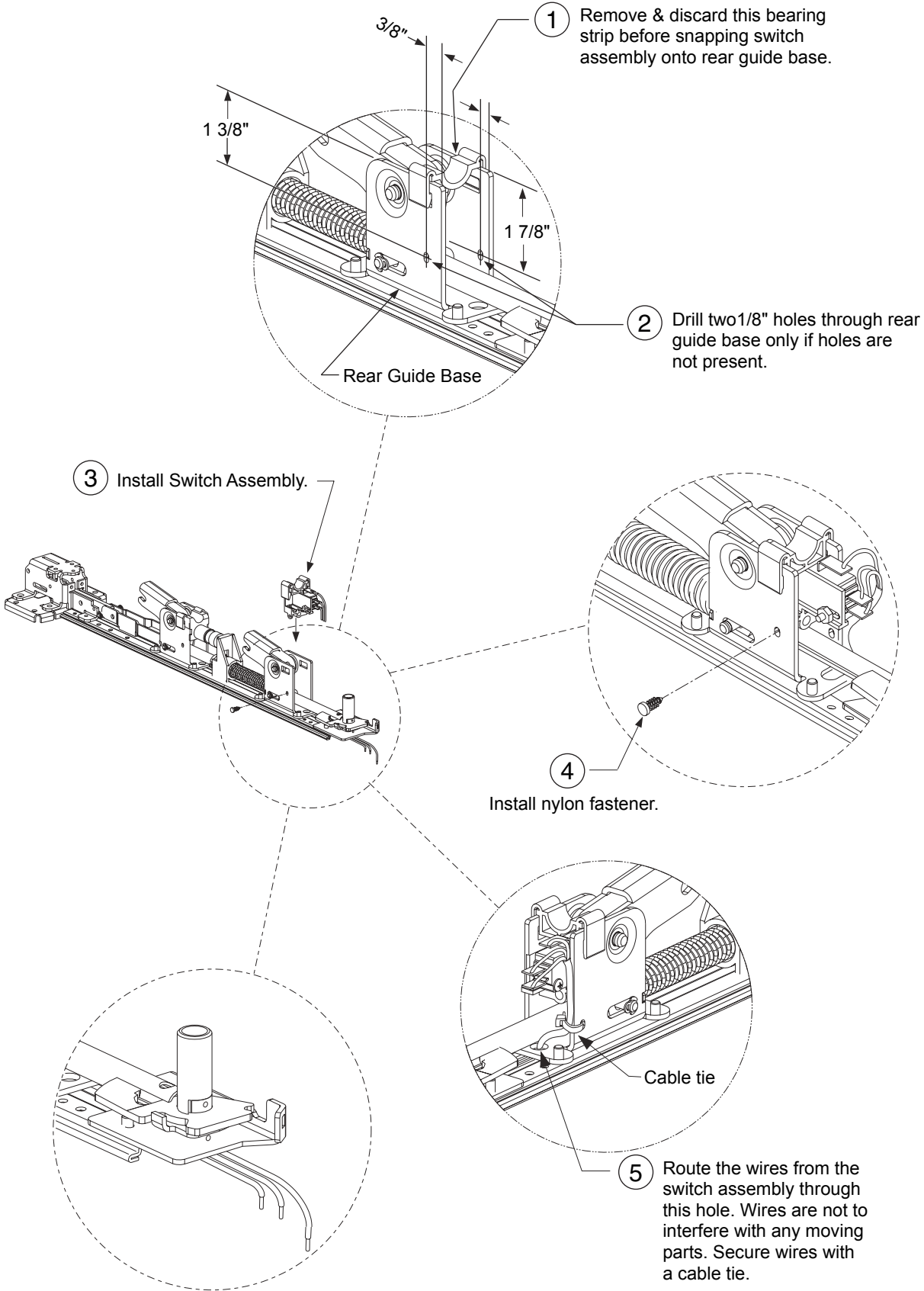
33/35 Device



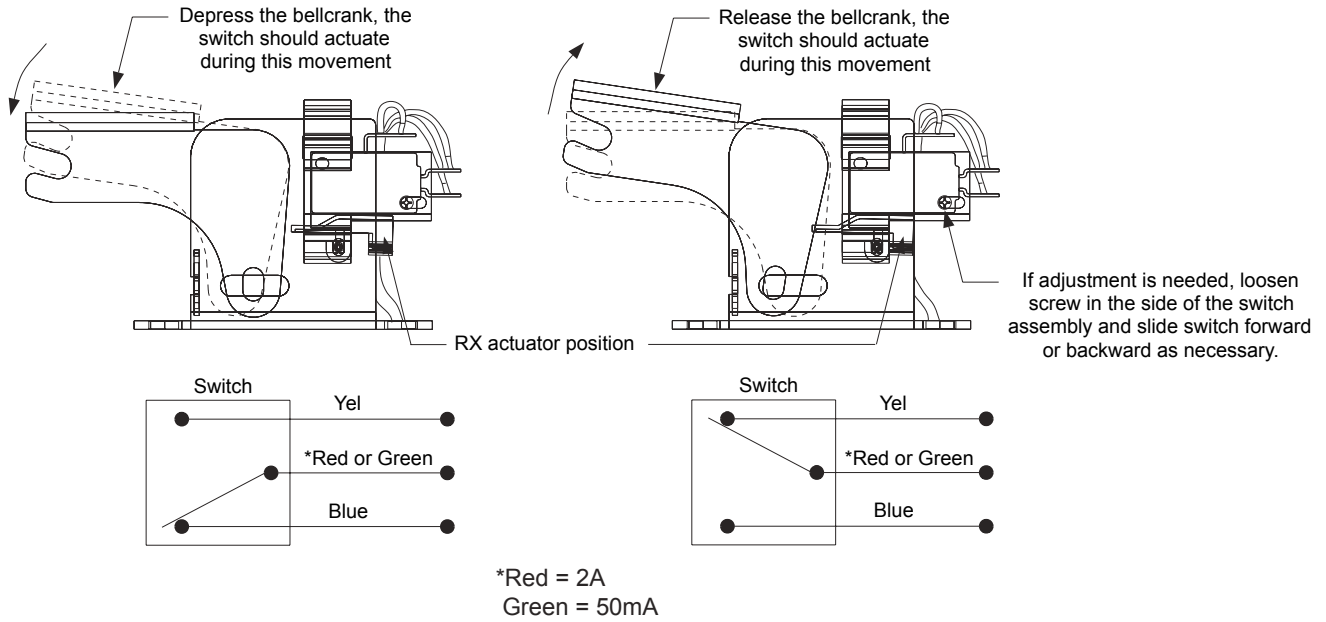
33A/35A & 98/99 Device



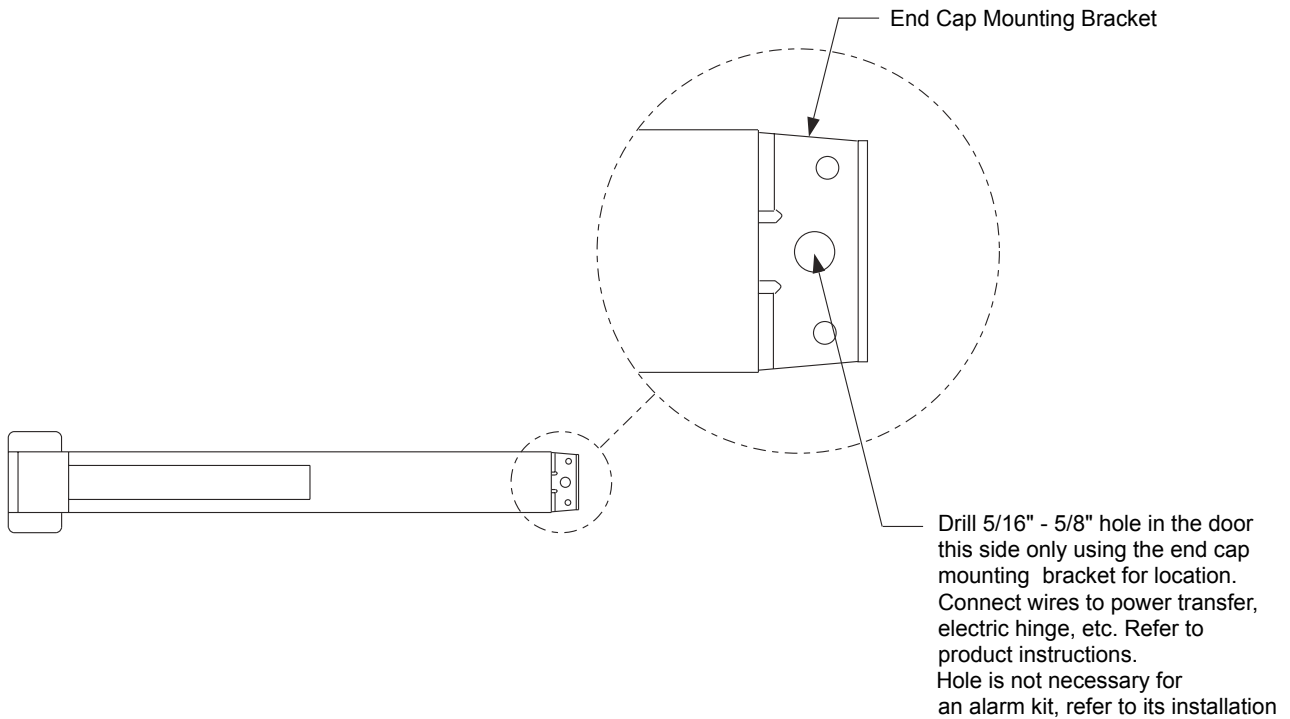
Step 2 Install Switch



Step 3 Check the switch for proper actuation.



Step 4 Prepare door for device wiring.





941089-00

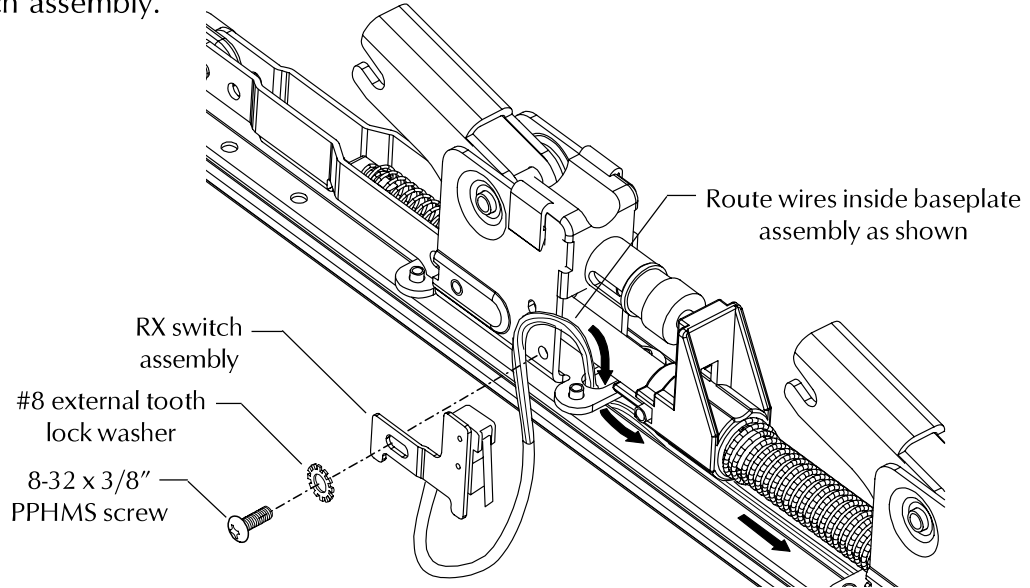
RX2

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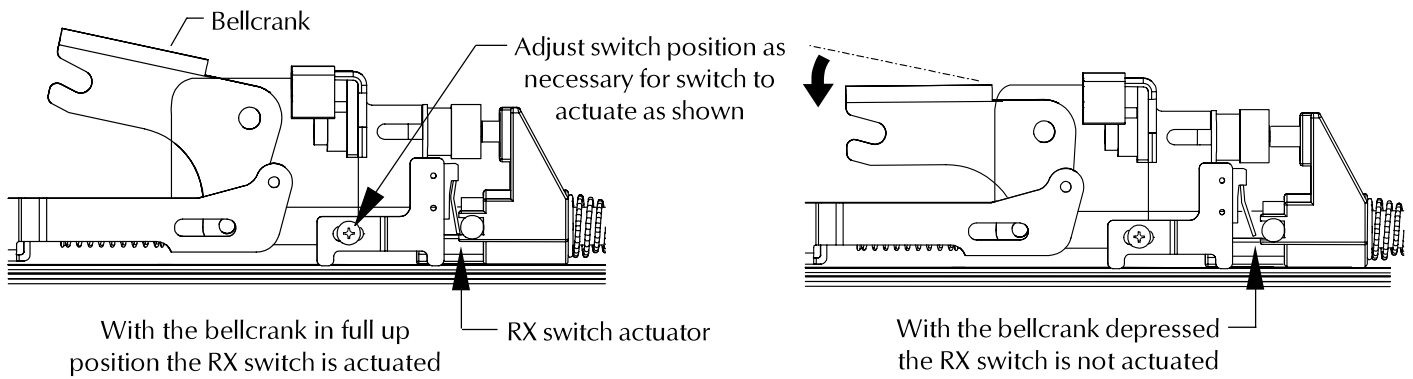
Double RX Switch

Installation Instructions

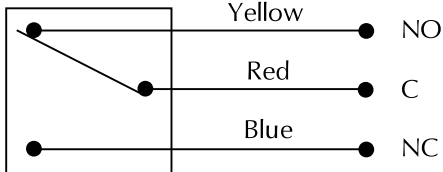
1 Install switch assembly.



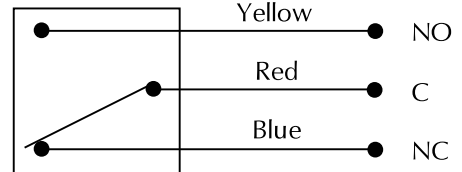
2 Check the switch for proper actuation.



Switch shown actuated



Switch shown not actuated



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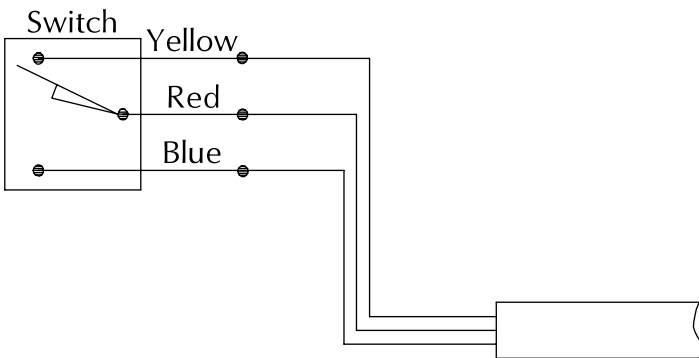
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RX/S1 Switch Wiring

1. The touchbar monitor switch is activated whenever the touchbar is depressed.
2. The switch function is shown with the latchbolt extended and the touchbar not depressed.
3. The Von Duprin EPT-10 power transfer (for three wires) or EPT-2 power transfer (for two wires) is required to transfer the wiring from the door to the frame.
4. Connect the power transfer wires and switch assembly wires with crimp connectors. Unused wires should be insulated separately.



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