



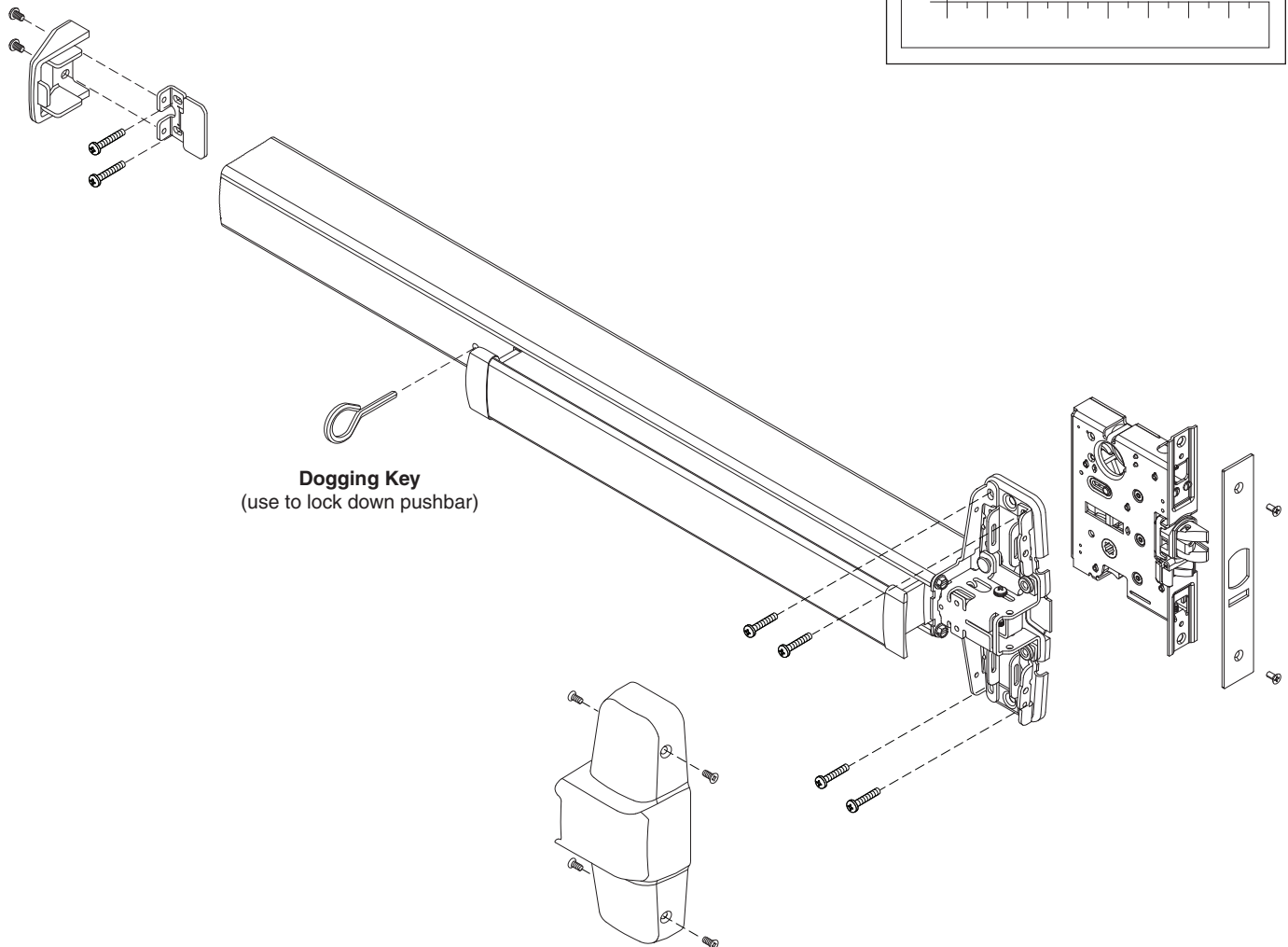
911374-00

9875/9975

VON DUPRIN®

Mortise Exit Device

Installation Instructions



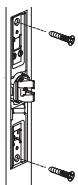
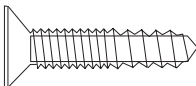
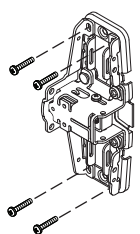
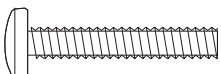
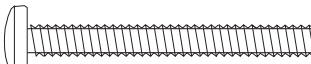
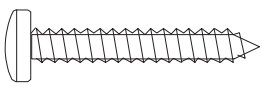
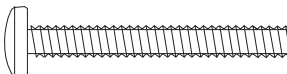
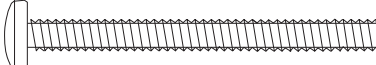

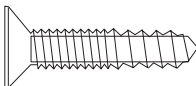

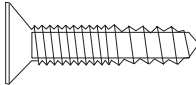
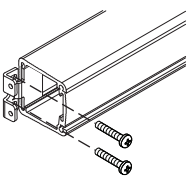
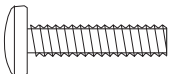
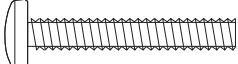
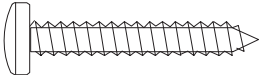
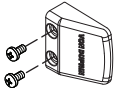
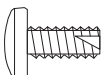
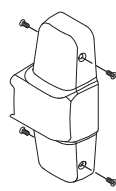

Customer Service

1-877-671-7011

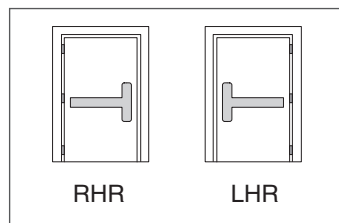
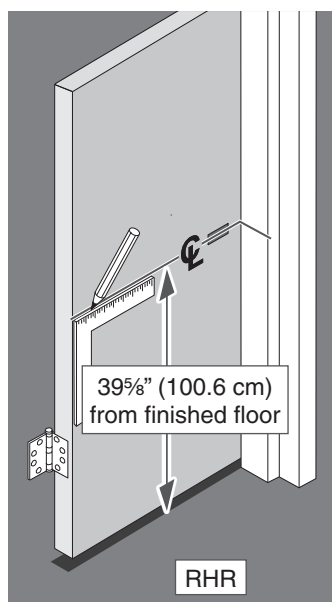
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911374-00 Rev. 10/15-g

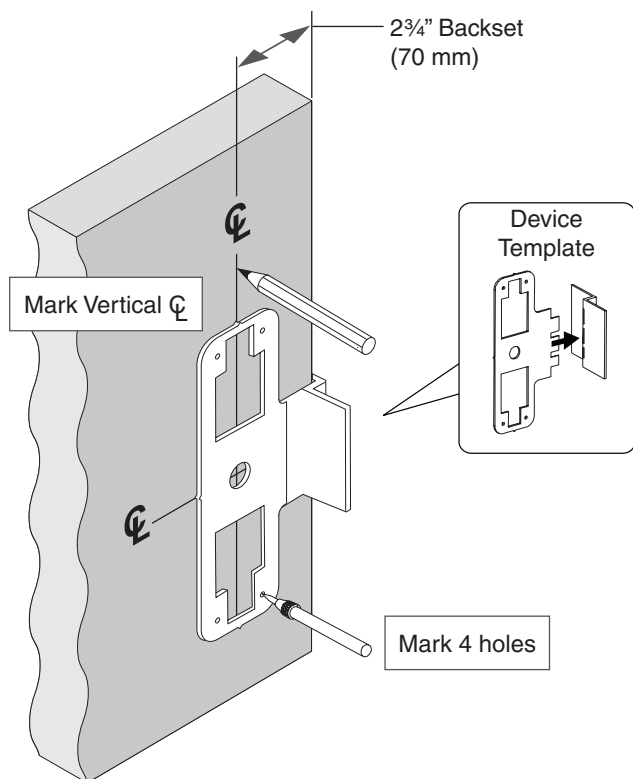
SCREW CHART

Subassembly	Screw	Application
A 	 #12-12 x 12-24 x 1" (25 mm) Combination	Metal or wood door
B 	 #10-24 x 1" (25 mm)  #10-24 x 1 1/2" (38 mm)  #10 x 1 1/4" (32 mm) Wood screw Packaged with 990 Trims:  #10-24 x 1 3/8" (35 mm)  #10-24 x 1 7/8" (48 mm)	Surface mount or Sex bolts 1 3/4" (44 mm) door Sex bolts, 2 1/4" (57 mm) door Surface mount (wood) 1 3/4" (44 mm) door, 990 Trim 2 1/4" (57 mm) door, 990 Trim
C 	 #12-12 x 12-24 x 1" (25 mm) Combination	Metal or wood frame
C 	 #12-12 x 12-24 x 1" (25 mm) Combination	Metal or wood door
D 	 #10-24 x 3/4" (19 mm)  #10-24 x 1 1/8" (29 mm)  #10 x 1 1/4" (32 mm) Wood screw	Surface mount or Sex bolts 1 3/4" (44 mm) door Sex bolts, 2 1/4" (57 mm) door Surface mount (wood)
E 	 #10-16 x 3/8" (10 mm) Thread cutting	End cap
F 	 #8-18 x 3/8" (10 mm) Thread cutting	Center case cover

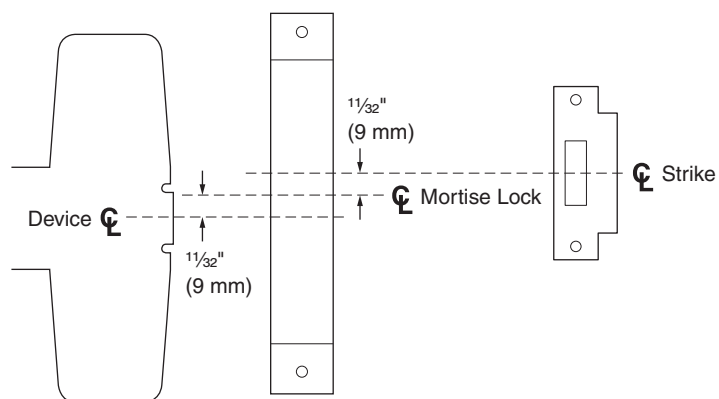
1 Draw horizontal device center line (C).



2 Position template on C and mark door.



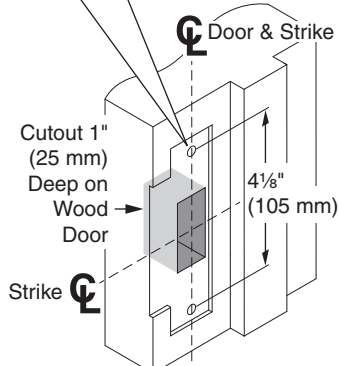
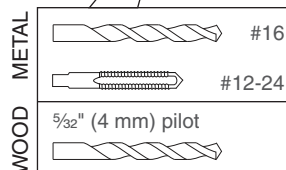
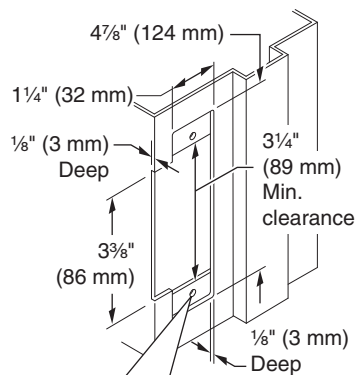
3 Locate strike center line (C).



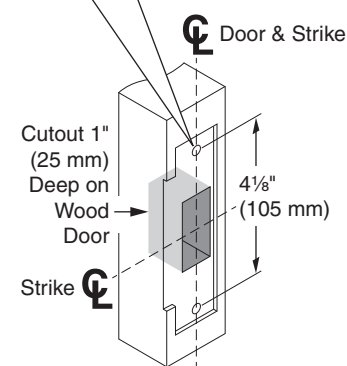
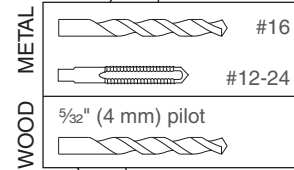
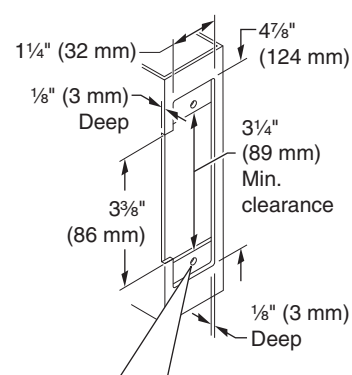
4 Prepare the door frame (or other door) for strike.

① 575, 575-2 strike shown. For 576A/576B strike preparation, see page 7.

575 STRIKE (Single Door)

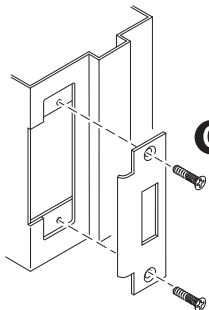


575-2 STRIKE (Double Door)



5 Install strike.

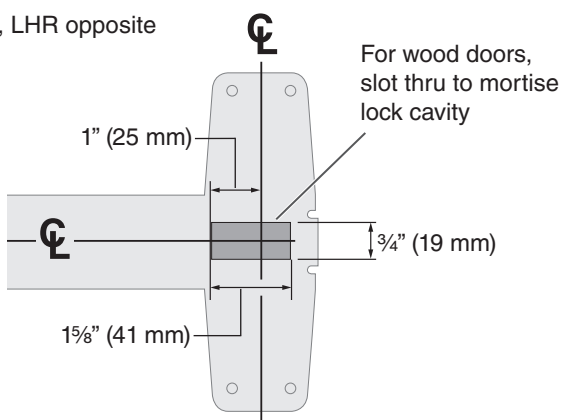
❶ For 576A/576B strike installation, see page 7.



❶ See “Screw Chart” on page 2 for screw types and sizes.

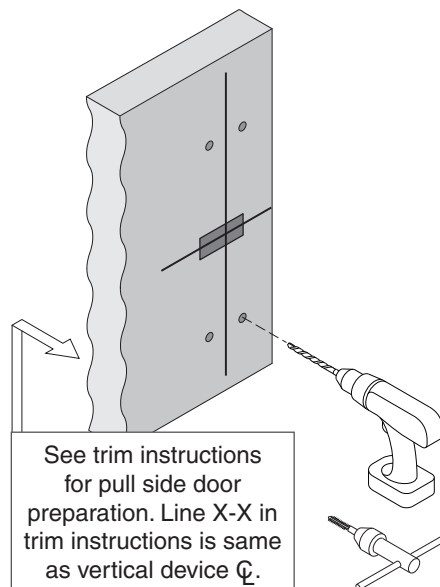
6 If necessary, prepare door cutout.

For all 98/9975 devices
RHR shown, LHR opposite



7 Prepare door for device and trim.

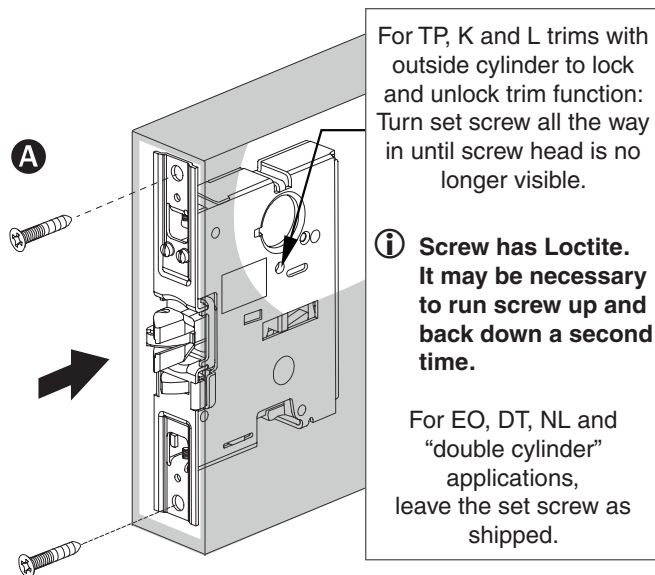
Prepare 4 center case mounting holes.



SURFACE MOUNT		OR		SEX BOLTS or 990 TRIMS	
METAL	#25	OR	METAL	1/4" (6 mm) Device Side	
	#10-24			13/32" (10 mm) Trim Side	
WOOD	1/8" (3 mm) x 1" (25 mm) Deep	OR	WOOD	13/32" (10 mm) Drill Thru	

8 Install mortise lock into door.

❶ See 7500 mortise lock instruction #941019.

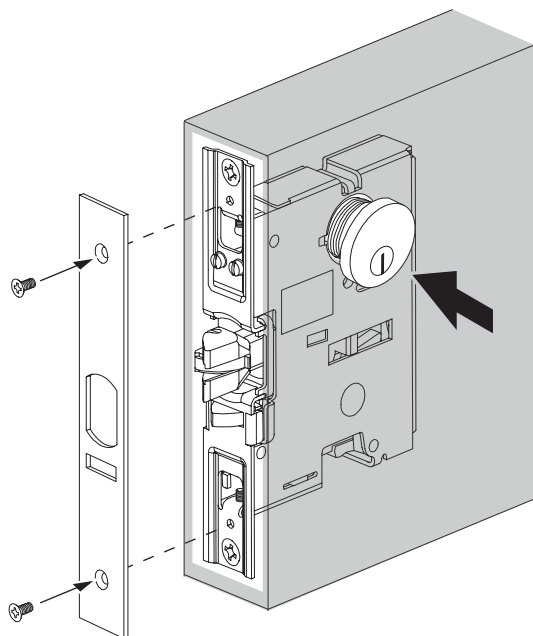


❶ Screw has Loctite. It may be necessary to run screw up and back down a second time.

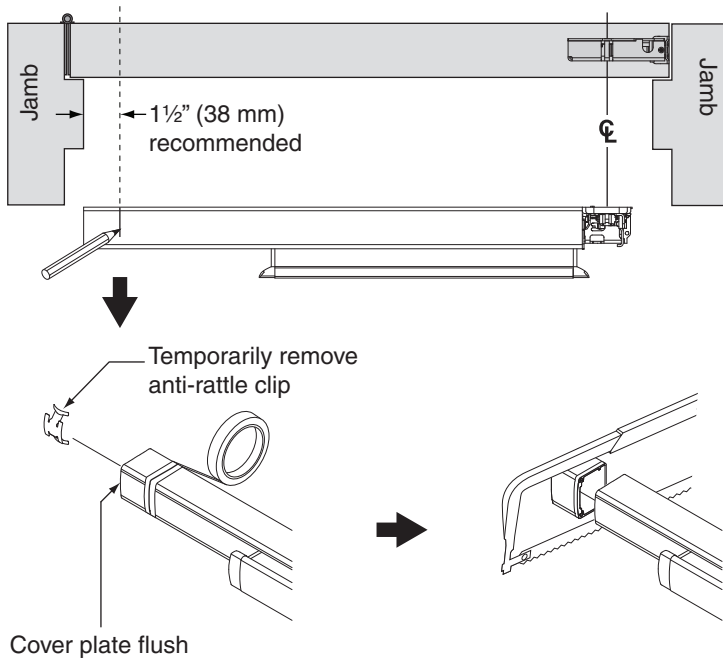
For EO, DT, NL and “double cylinder” applications, leave the set screw as shipped.

9 Install outside locking cylinder (if using) and complete installation of mortise lock.

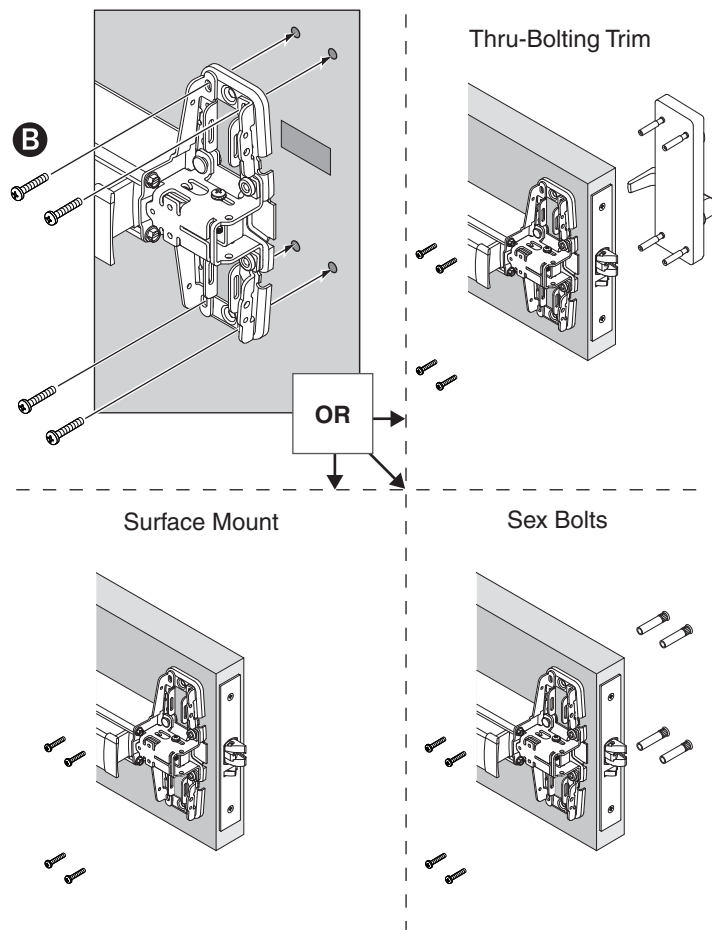
i See 7500 mortise lock instruction #941019.



10 If necessary, cut device.

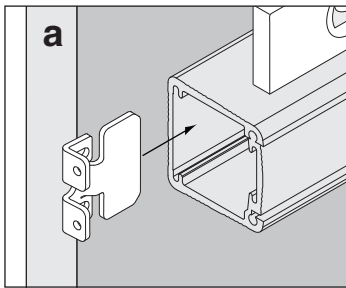


11 Install trim (if using) and attach center case to door.



12 Mark and prepare two holes for end cap bracket.

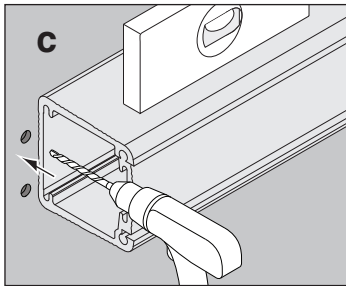
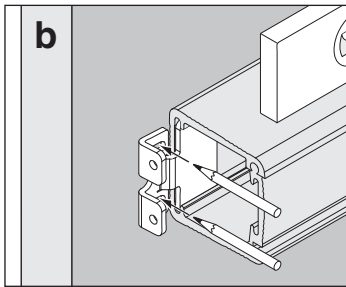
i Prepare holes after lock side of device is mounted and hinge side is leveled.



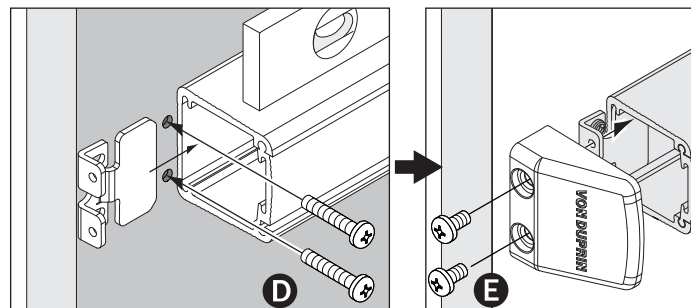
SURFACE MOUNT	
	#25
	#10-24
	1/8" (3 mm) x 1" (25 mm) Deep

OR

SEX BOLTS	
	1/4" (6 mm) Device Side
	13/32" (10 mm) Trim Side
	13/32" (10 mm) Drill Thru

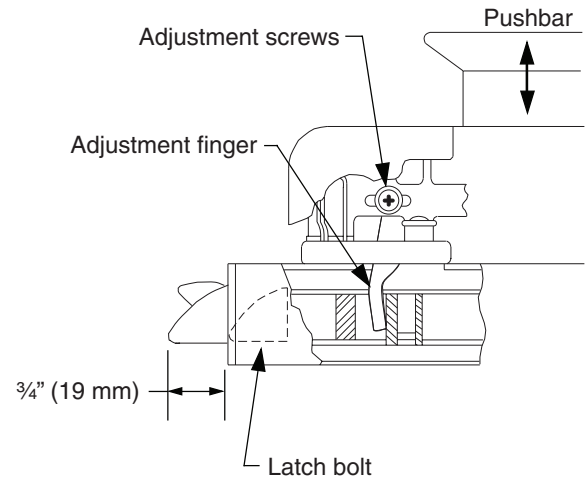


13 Install end cap bracket and end cap.



14 Adjust latch bolt.

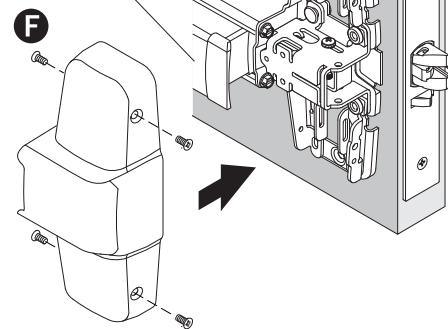
TOP VIEW



Loosen adjustment screws and adjust finger in or out until latch bolt is fully retracted (with pushbar down) and fully extended 3/4" (with pushbar up).

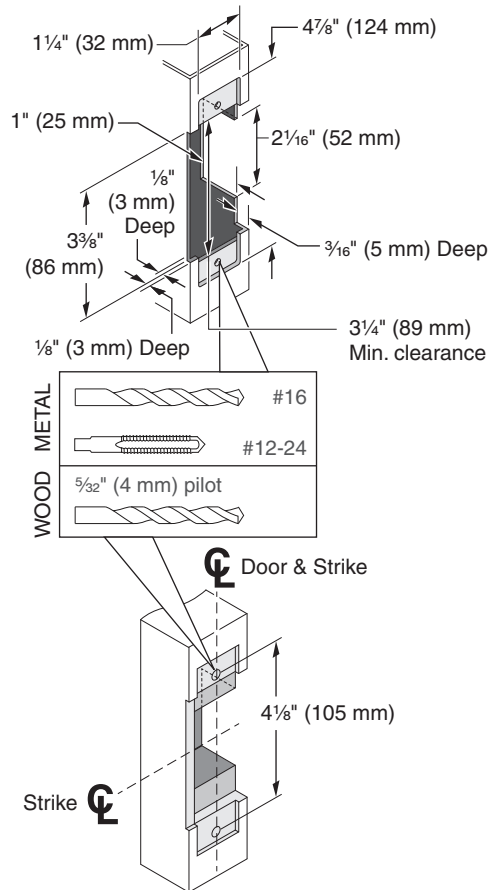
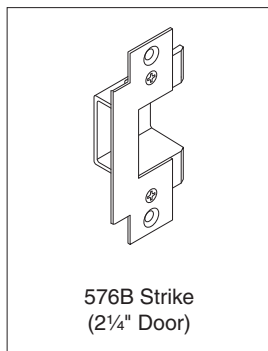
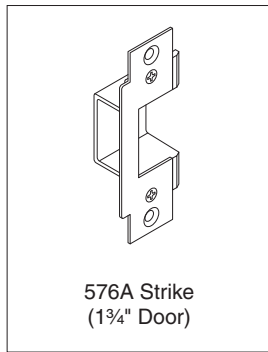
15 Install center case cover.

Remove protective film from pushbar

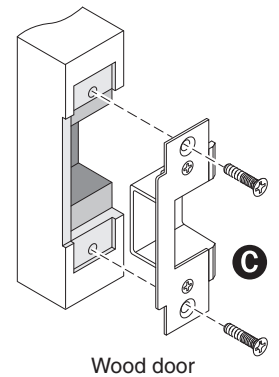
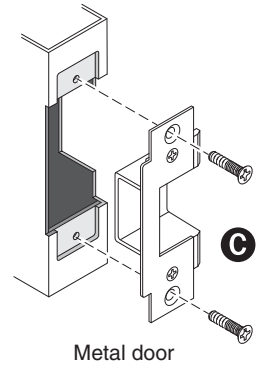


576A/576B STRIKE PREPARATION & INSTALLATION

PREPARATION

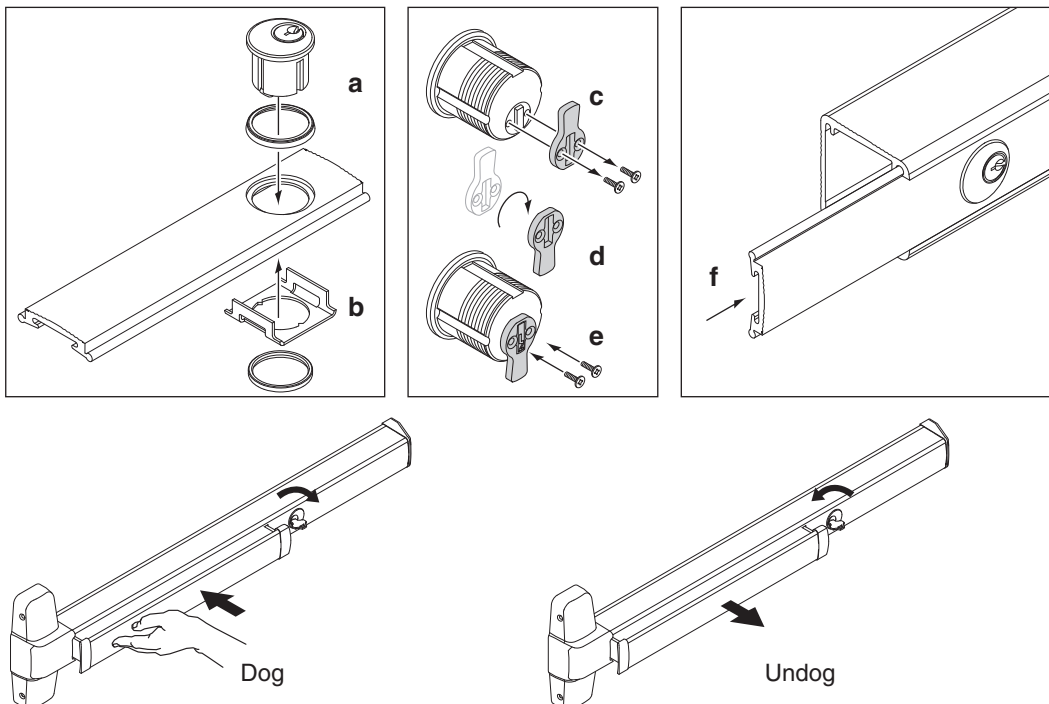


INSTALLATION



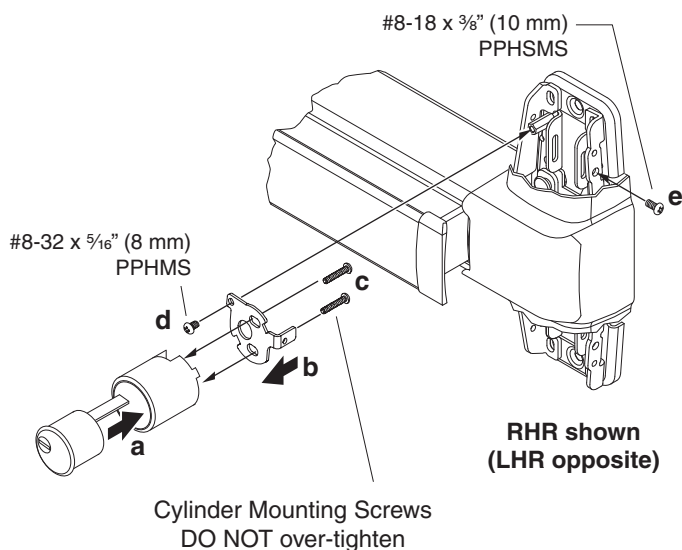
OPTIONAL EQUIPMENT

CD (Cylinder Dogging) Option

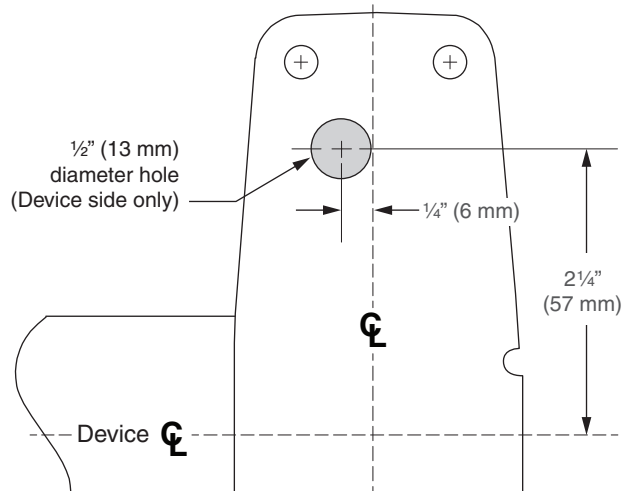


OPTIONAL EQUIPMENT (98/9975-2 DOUBLE CYLINDER)

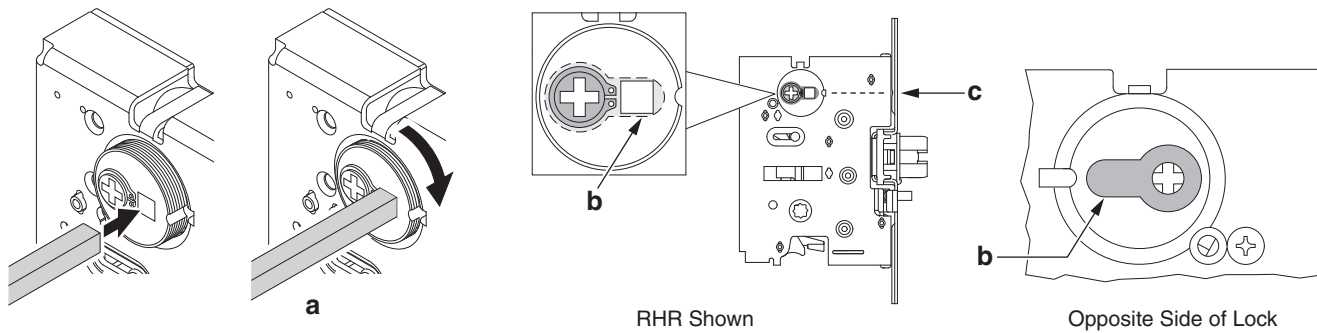
Install Cylinder



Door Cutout for 98/9975-2 "Double Cylinder" Option

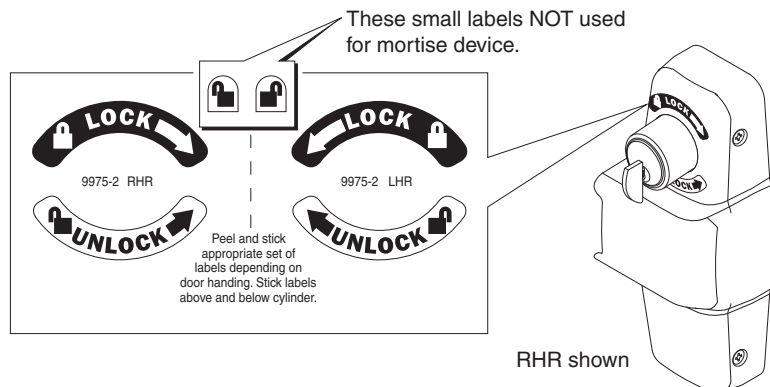


Install Cylinder Adapter Plug Assembly to Mortise Lock



- Screw cylinder adapter plug assembly into lock on device side using a $\frac{1}{4}$ " (6 mm) square socket driver.
- Position finger as shown.
- Tighten cylinder screw to hold in place.

A lock/unlock label is an available option that can be used with the 98/9975-2, and is sold separately. The labels are applied above and below cylinder to match door handing.



i Manually affix the label:

Ensure surface is clean of dirt, dust, or oils. Clean with alcohol if necessary.

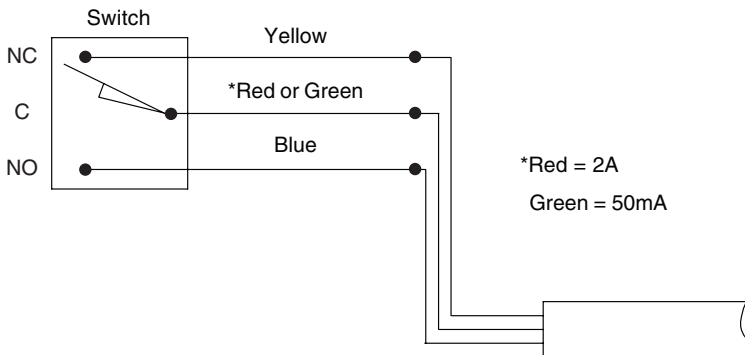
Peel the label from the paper backing and apply to the surface. Minimize handling when applying and use pressure to burnish label to surface. The adhesive will require up to 8 hours to achieve the proper bond.

RX or RX-LC/S1 Switch Wiring

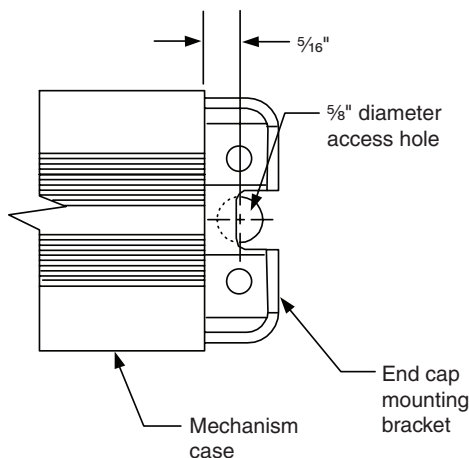
RX - Switch is intended for signaling purposes only and is rated for a maximum 2 ampere resistance load at 24VDC/AC. Use with inductive or capacitive loads (magnetic locks or solenoid devices) derates the capacity of the switch. Consult the factory for assistance.

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

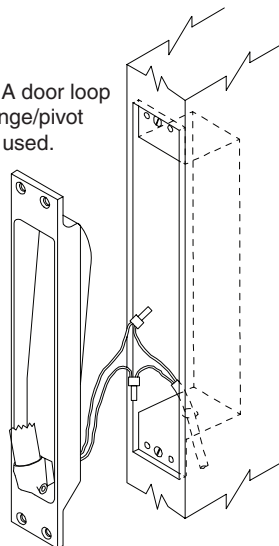
1. The RX touchbar monitor switch is activated whenever the touchbar is depressed.
2. The switch function is shown with the latchbolt extended and the touchbar not depressed.



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.





941038-00

Switch Retrofit Kit

RX/RX-LC/S1

VON DUPRIN®

Installation Instructions

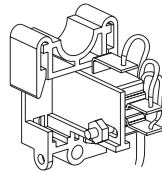
This kit includes the following parts:

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



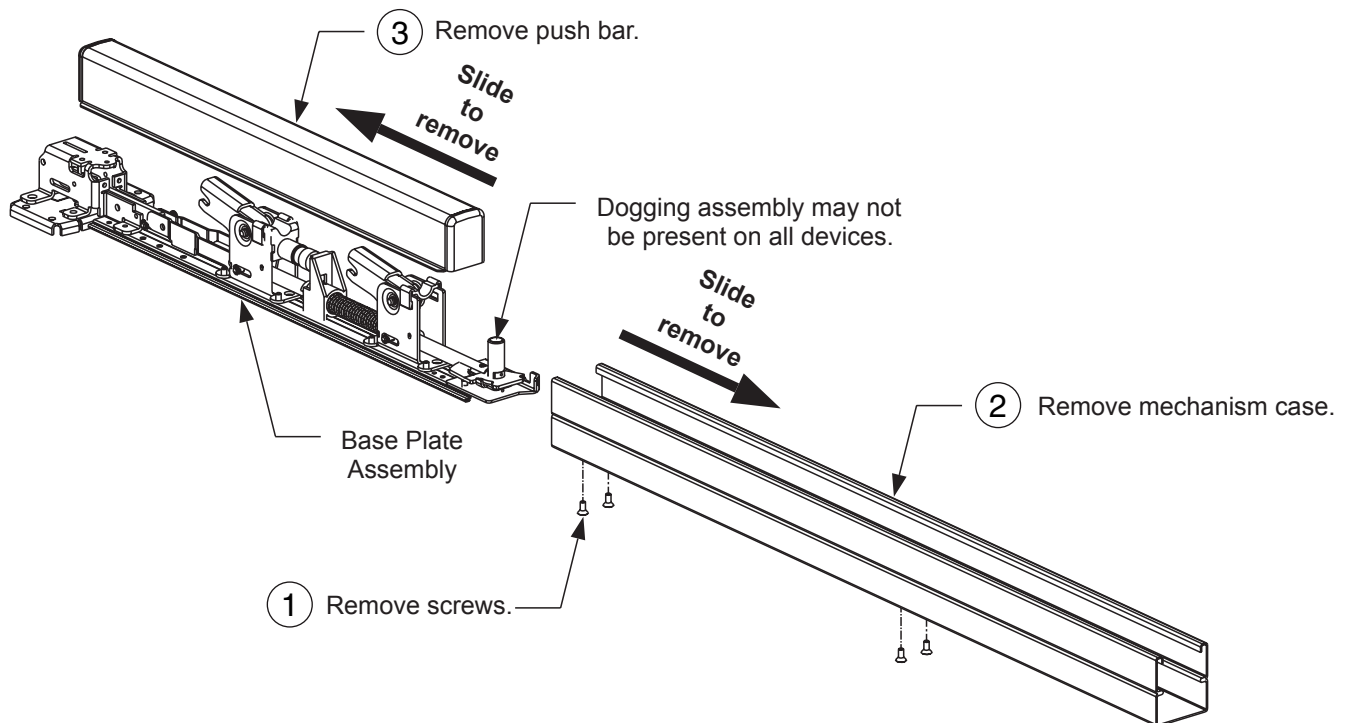
Cable Tie 1.5"



Nylon Fastener

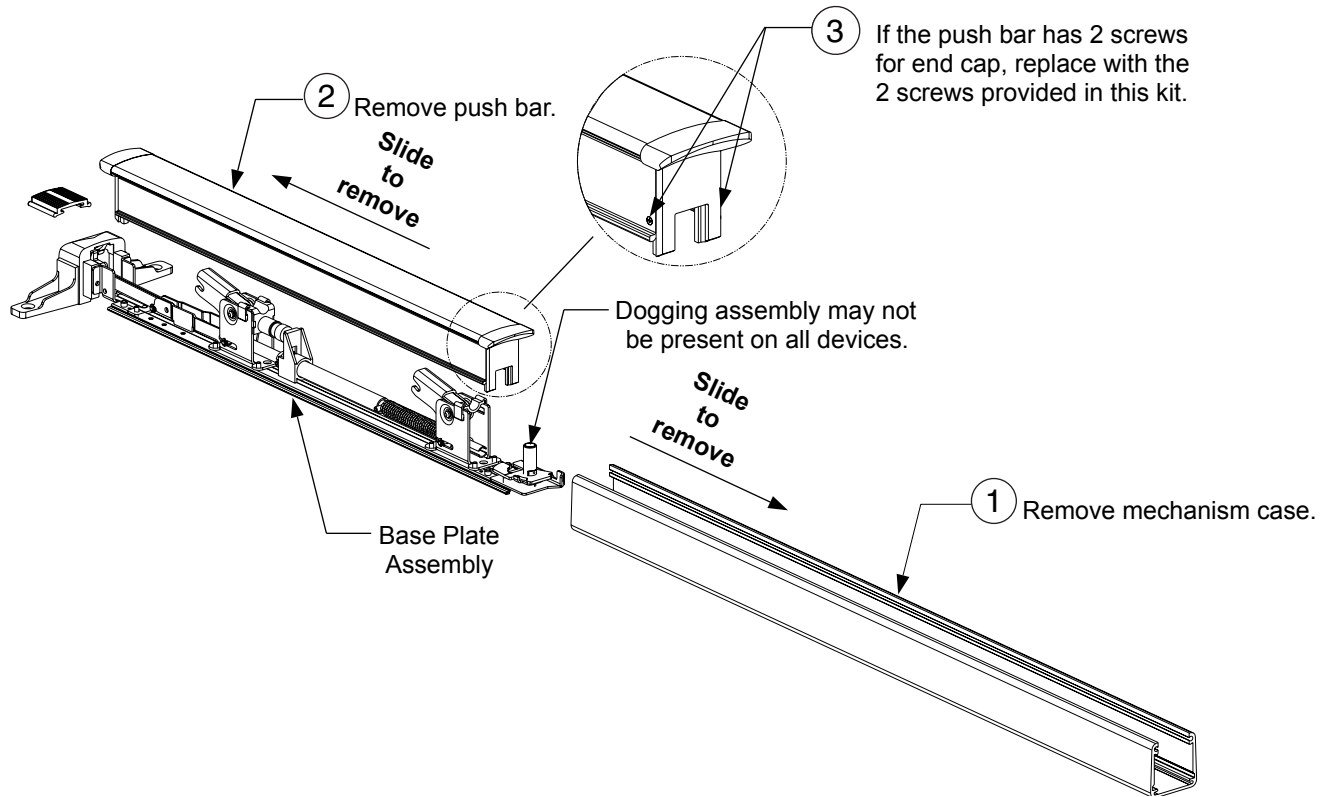
Step 1 Disassemble the device. (Remove from door if mounted.)

22 Device

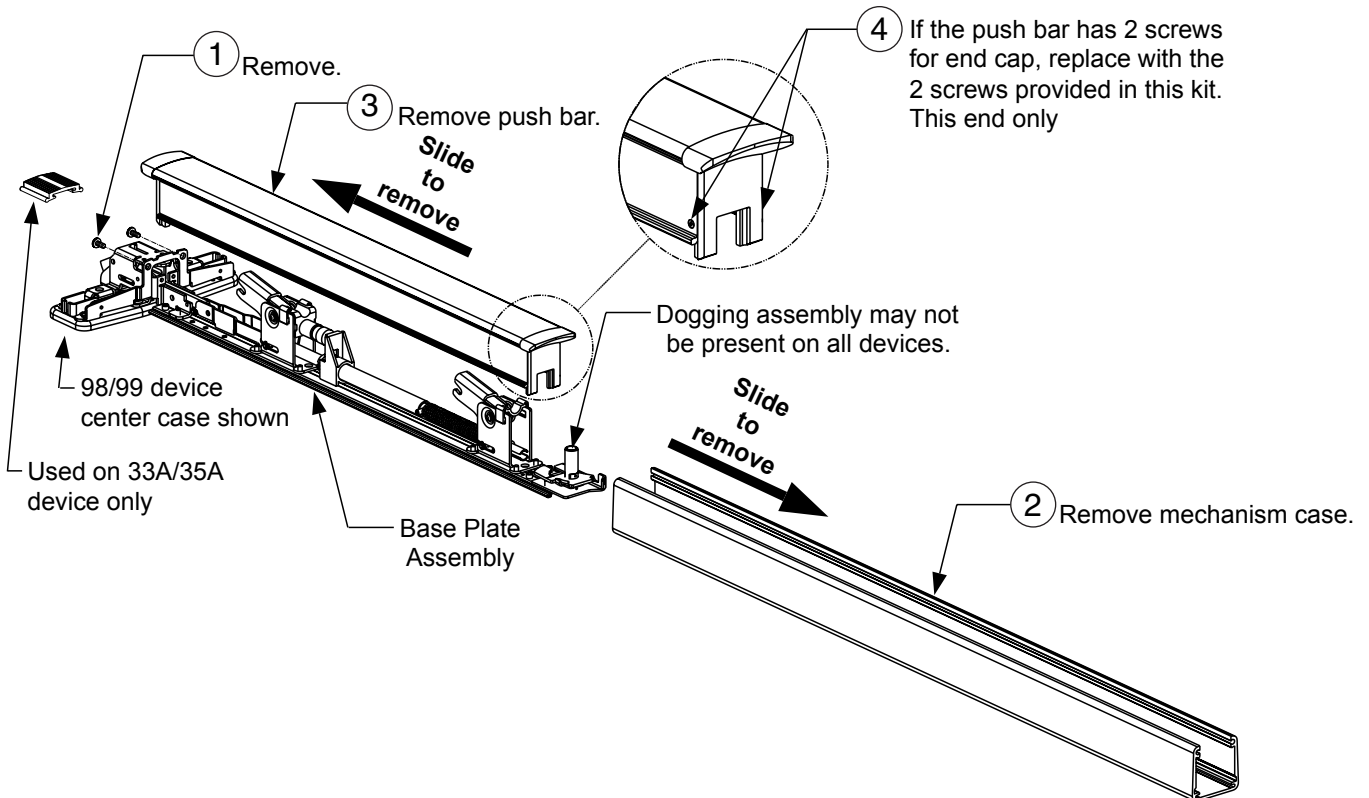


Step 1 Continued

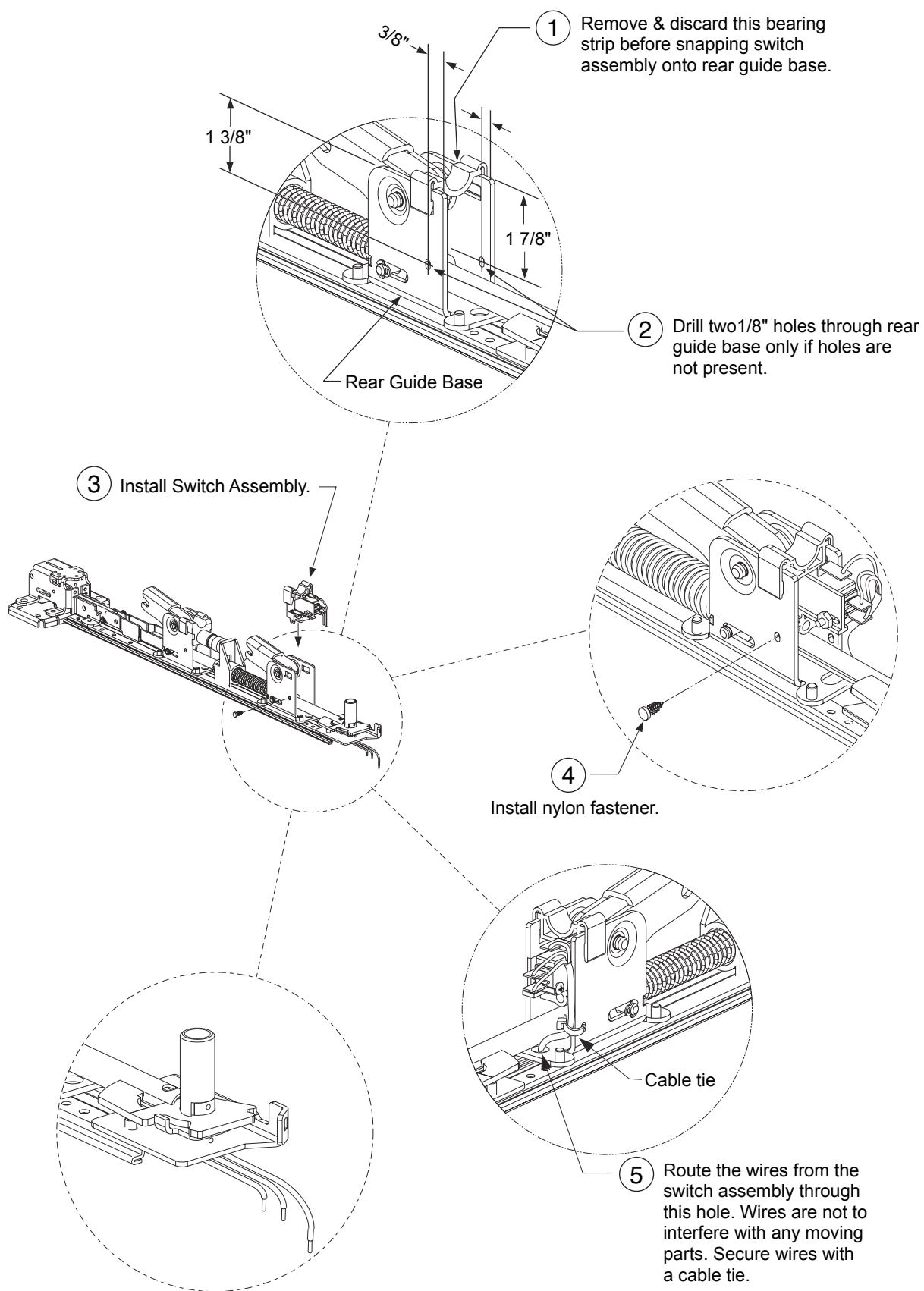
33/35 Device



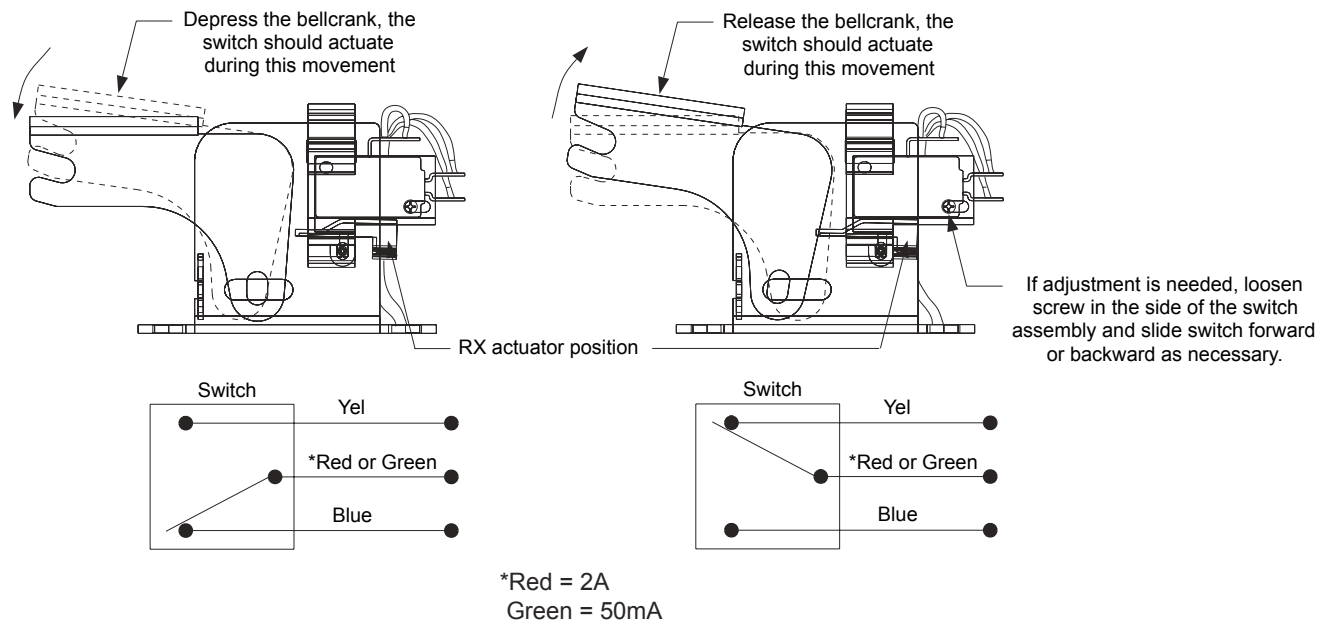
33A/35A & 98/99 Device



Step 2 Install Switch



Step 3 Check the switch for proper actuation.



Step 4 Prepare door for device wiring.

