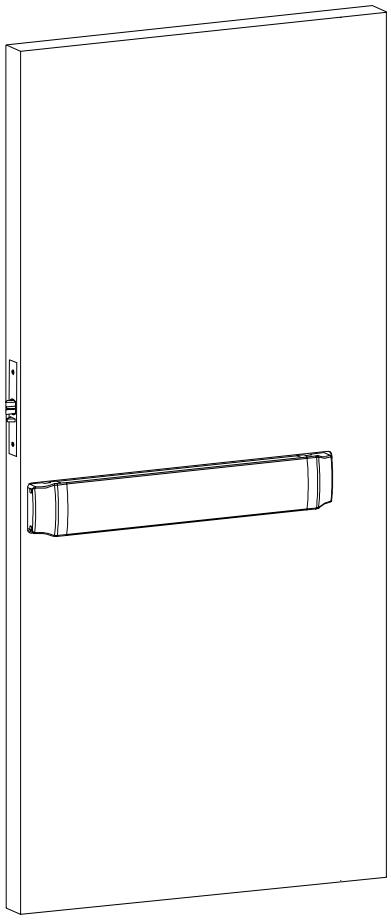
VON DUPRIN
Installation Instructions

94/9575 INPACT™
Recessed Exit Device



Devices covered by these instructions:

94/9575 Mortise Device (Panic and Fire)
EL94/9575 Mortise Device (Panic and Fire)

Read All Warnings
Before Starting Installation!

Index

Patent pending.

IR Security & Safety

GENERAL INFORMATION

The 94/9575 Exit Device is designed to provide reduced pushpad projection and a unique appearance by embedding the device into the face of the door.

These instructions assume that a factory-prepared door and frame are being used.

Before starting installation, review "Warning," "Specifications," "Tools Needed," and "Parts."

⚠ WARNING

Install in accordance with instructions or device will not function.

SPECIFICATIONS

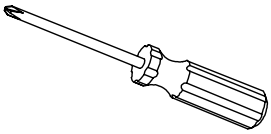
Mechanical
- This device is for doors 3′ to 4′ wide
- Pushpad projection (depressed) 1-1/8″ to 1-1/4″

Solenoid (EL devices only)
- Voltage: 24 VDC continuous duty
- Current: 0.25 A holding current
  16 A in-rush current

TOOLS NEEDED

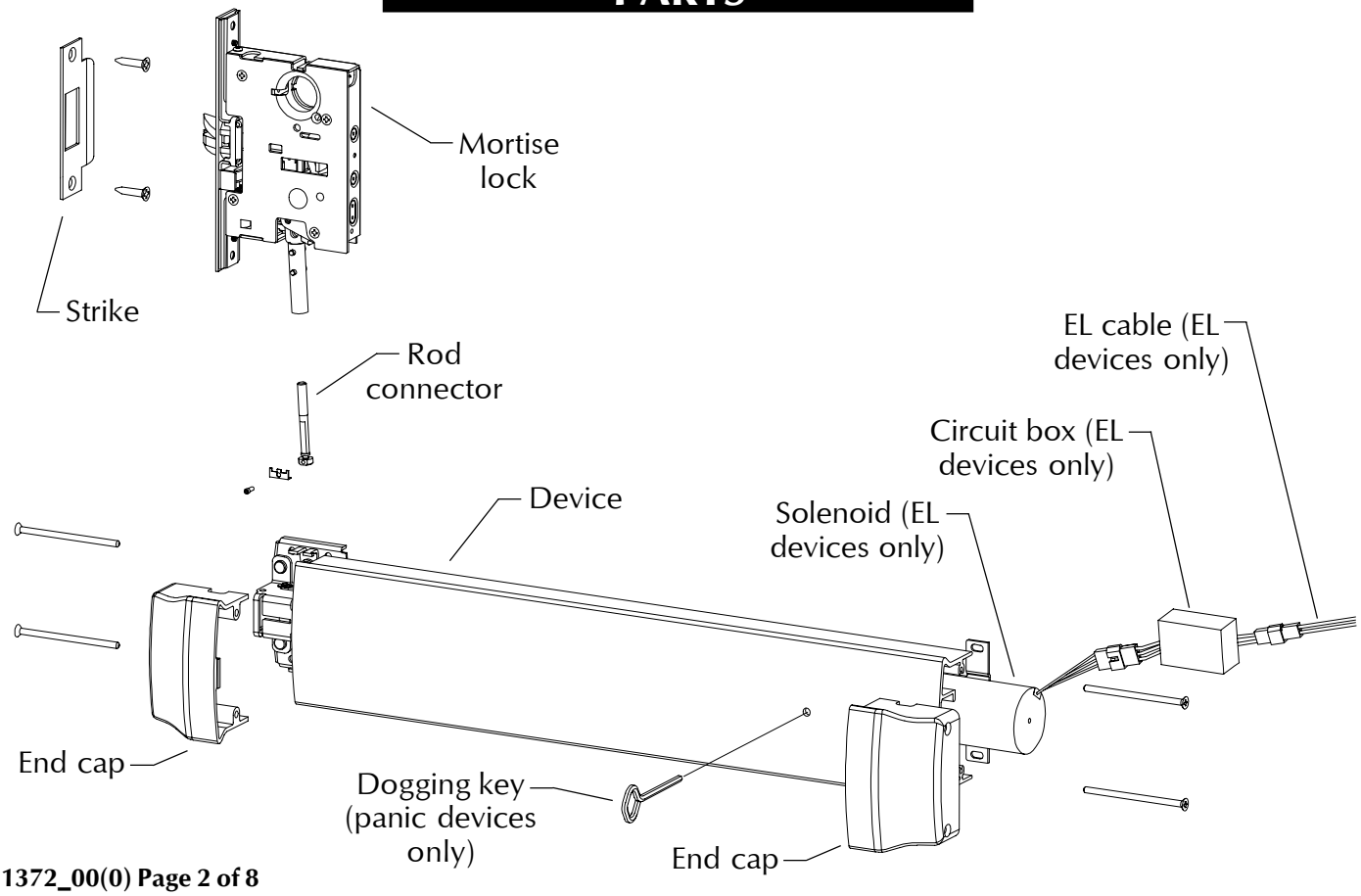
Tools needed for installing a 94/9575 into a factory-prepared door and frame:

7/64″ hex key



Phillips screwdriver

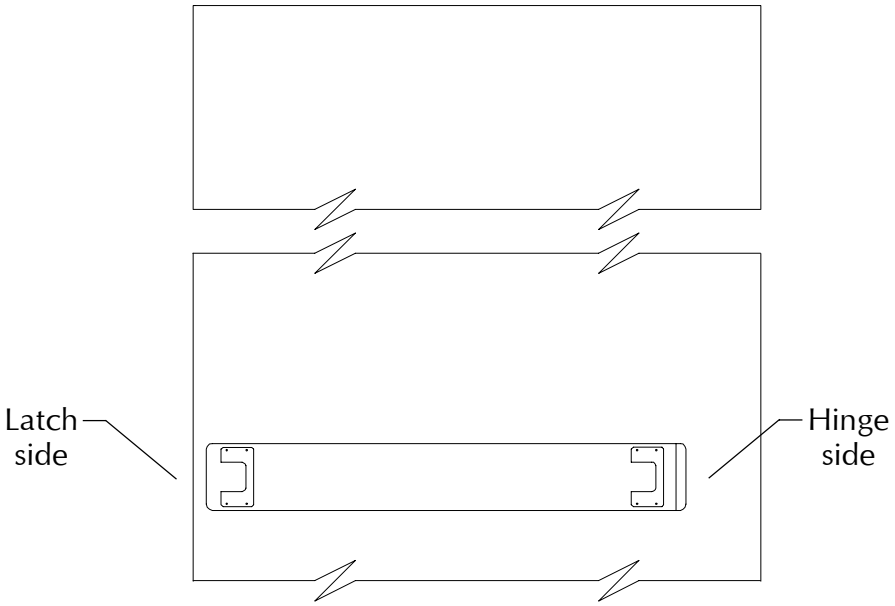
PARTS



INSTALLATION

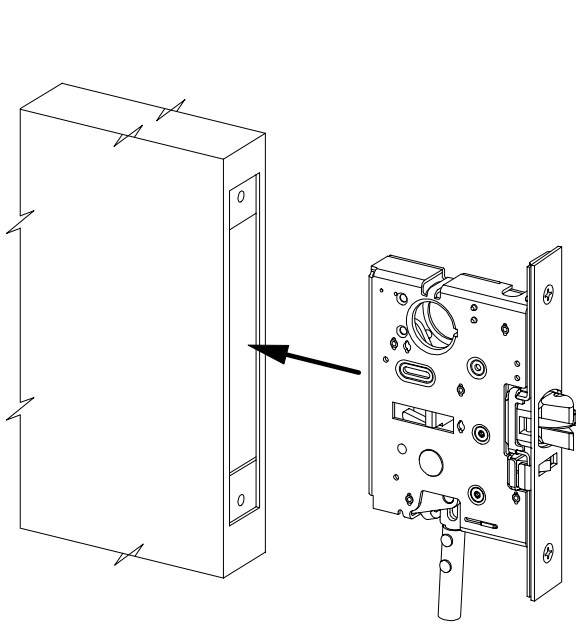
1 Prepare door for outside trim. (Skip this step if not using outside trim.)

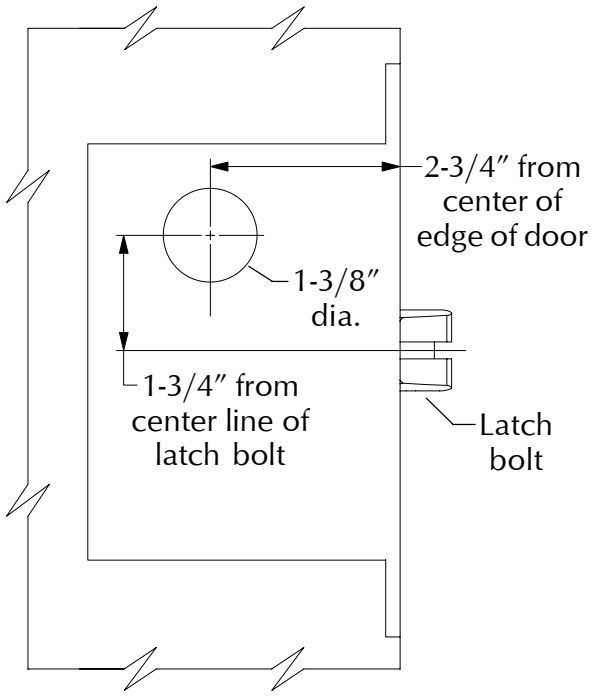
Drill through the four mounting holes and trim access hole at the latch side of the cutout. **See trim installation instructions for hole sizes and locations.**



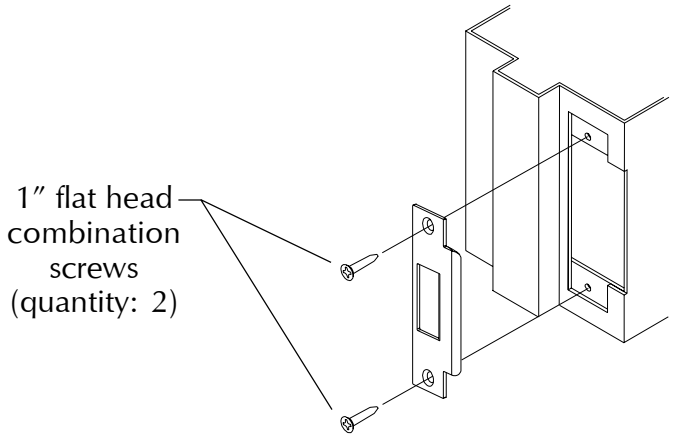
2 Prepare door for outside cylinder. (Skip this step if not using outside cylinder.)

Temporarily install mortise lock in door and locate cylinder hole on outside face of door as shown. Remove mortise lock and prepare cylinder hole through outside face of door only.





3 Install strike.



4 Wire potted circuit breaker. (EL devices only.)

4.1. Connect field wiring to frame side of Von Duprin EPT2, door loop, or electric hinge.

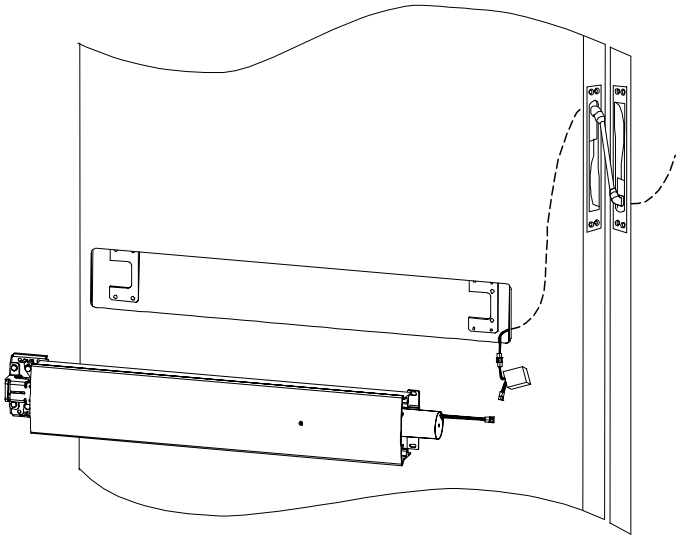
4.2. Pull solenoid cable through device cutout in face of door.

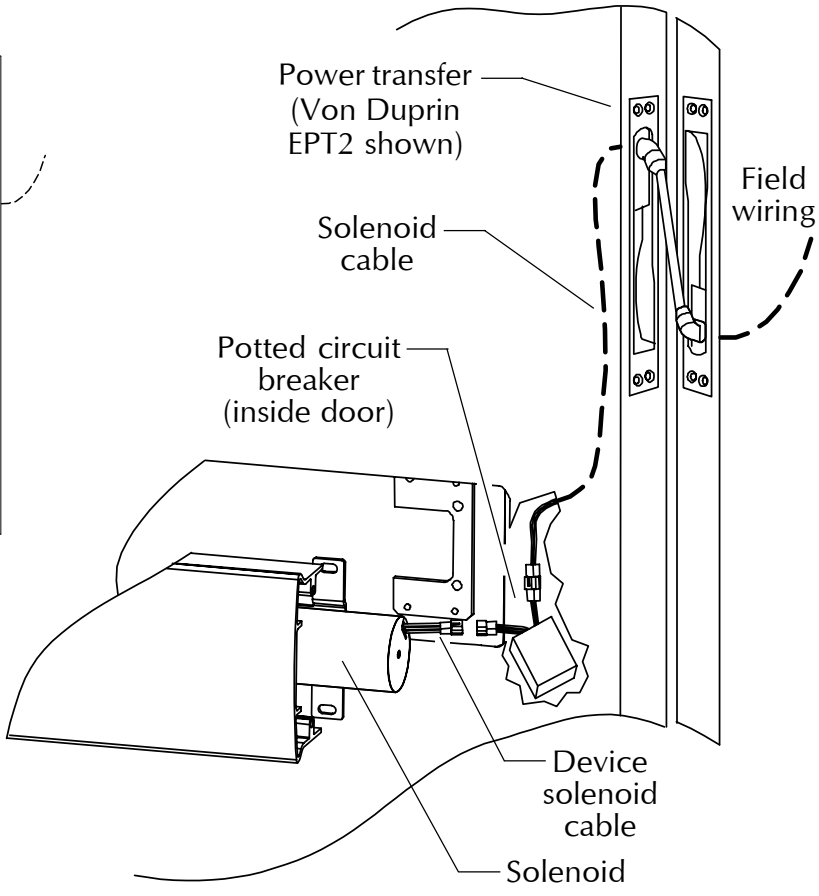
4.3. Connect solenoid cable to door side of power transfer.

4.4. Connect solenoid cable to potted circuit breaker.

⚠ WARNING

Disconnect power before wiring solenoid.





⚠ NOTE

The potted circuit breaker is a protection circuit that disconnects power from the solenoid if the solenoid plunger fails to seat properly. To reset the protection circuitry, remove power from the solenoid and reapply.

5 Mount device on door.

5.1. Mount device on door using supplied mounting screws (see Figure 5-1).

5.2. Center device in pocket, leaving an even gap all around the device.

5.3. If outside trim is used, bolt through to trim (see Figure 5-2 and trim installation instructions).

5.4. For EL devices, connect potted circuit breaker to device solenoid cable (see Figure 5-3).

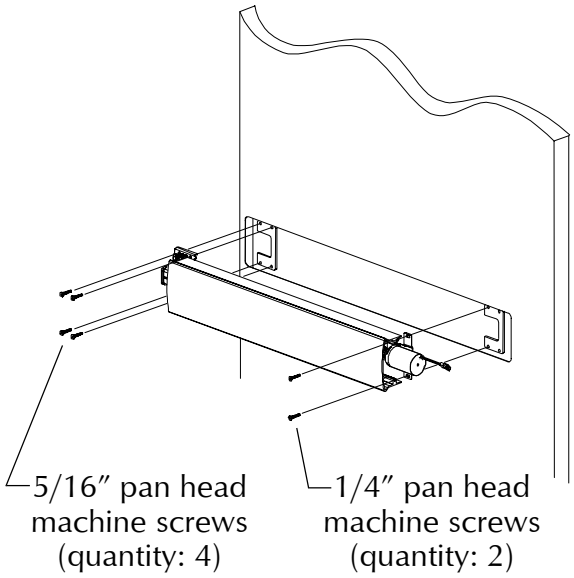


Figure 5-1

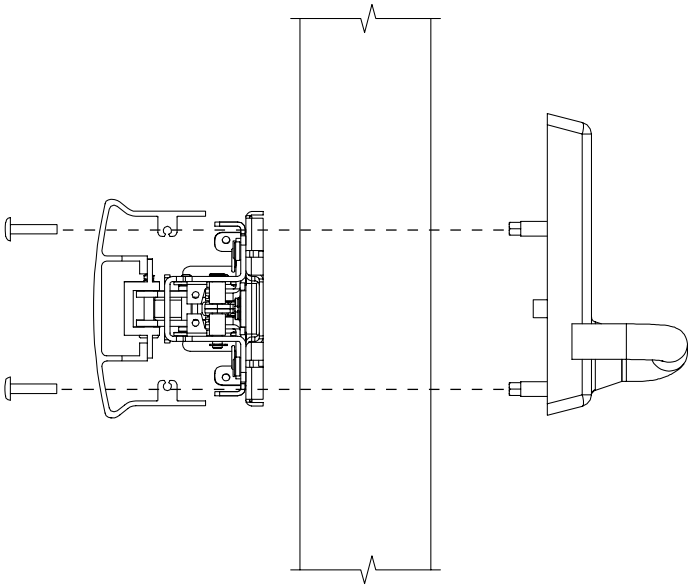


Figure 5-2

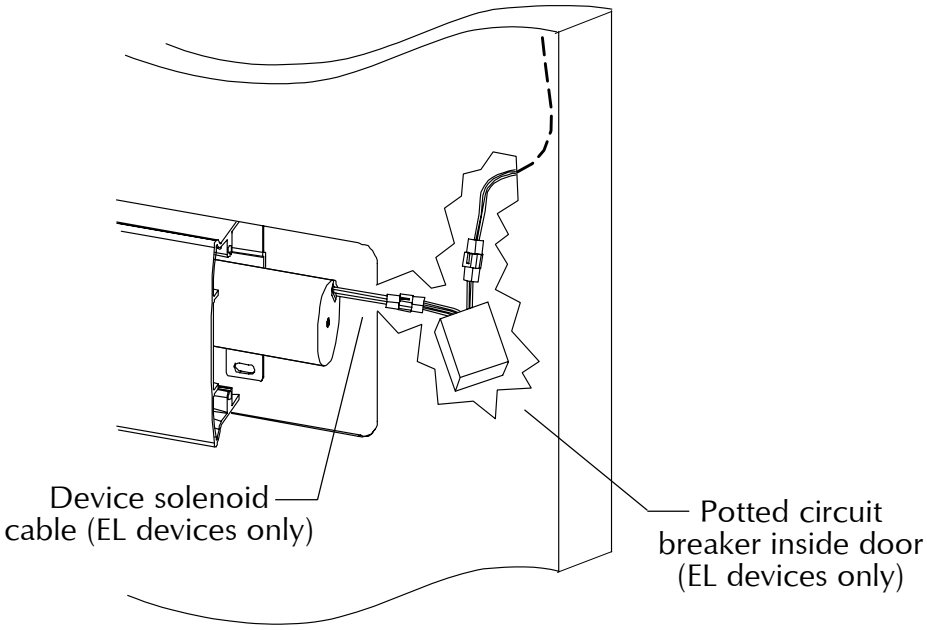
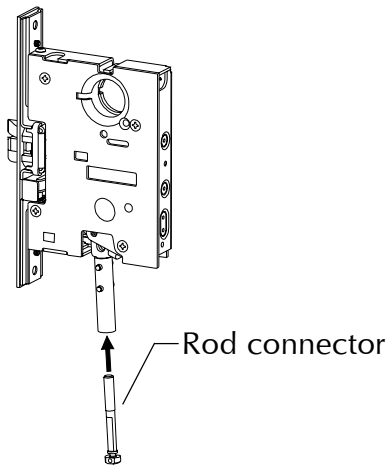


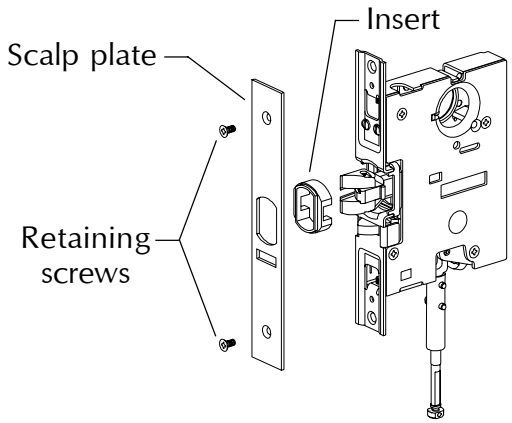
Figure 5-3

6 Install mortise lock.

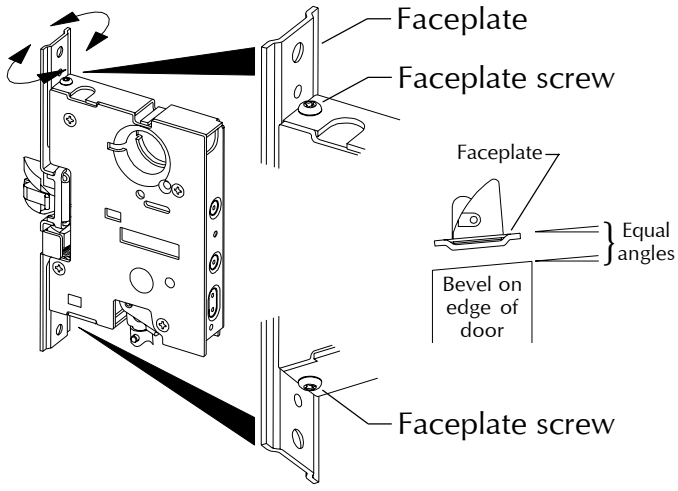
6.1. Thread rod connector into mortise lock.



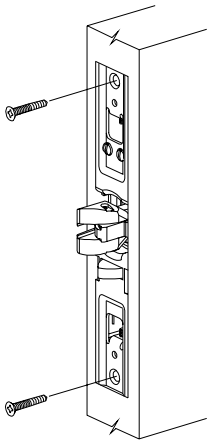
6.2. Remove retaining screws, scalp plate, and insert.



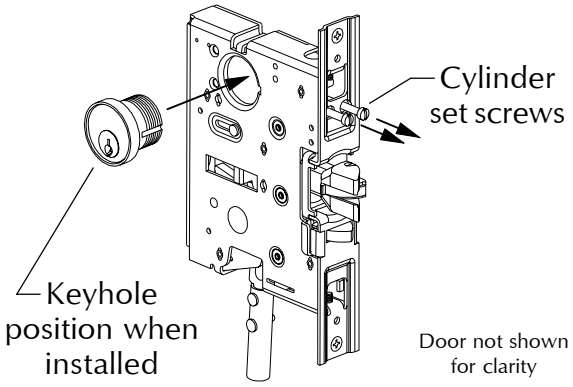
6.3. Adjust faceplate for door bevel:
- **(a)** Loosen top and bottom faceplate screws.
- **(b)** Pivot faceplate to match door bevel.
- **(c)** Tighten top and bottom faceplate screws.



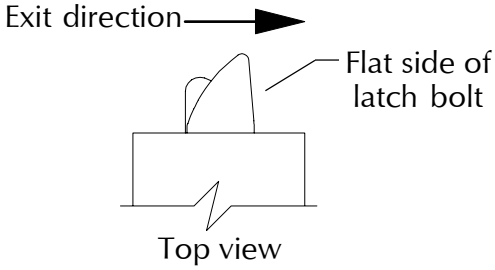
6.4. Install mortise lock in door with two #12-12 x 12-24 combination screws.



6.5. If using outside cylinder:
- **(a)** Back out cylinder set screws enough to clear cylinder mounting hole.
- **(b)** Thread cylinder into mortise lock through hole in outside face of door.
- **(c)** Tighten the cylinder set screw that is closest to outside face of door. Remove the other cylinder set screw.



6.6. Rotate latch bolt so flat side faces exit direction.



6.7. Replace insert, scalp plate, and scalp plate retaining screws (see Step 6.2).

7 Adjust rod connector.

7.1. Fully depress and hold pushpad and pull rod connector to set mortise lock latch bolt in fully retracted (hold) position (Figure 7-1).

7.3. Push down on center case connector, adjust rod connector length, and connect rod to center case connector (Figure 7-2).

7.4. Verify that pushpad projection is 1-1/8″ to 1-1/4″ when depressed. Adjust rod connector if necessary: **Lengthening the rod connector reduces pushpad projection when depressed.**

6.5. If using trim, verify that the trim fully retracts the latch bolt. If the trim does not fully retract the latch bolt, adjust the rod connector so it is shorter.

6.6. Open door and release latch by pushing in auxiliary bolt. Check deadlocking: Latch bolt should not retract when pressed in.

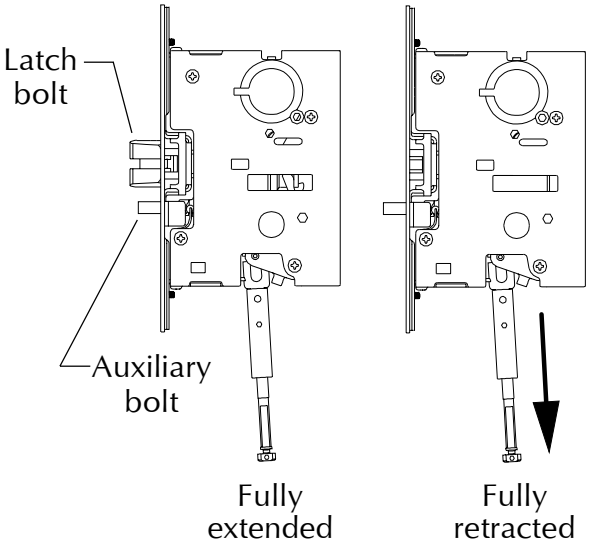


Figure 7-1

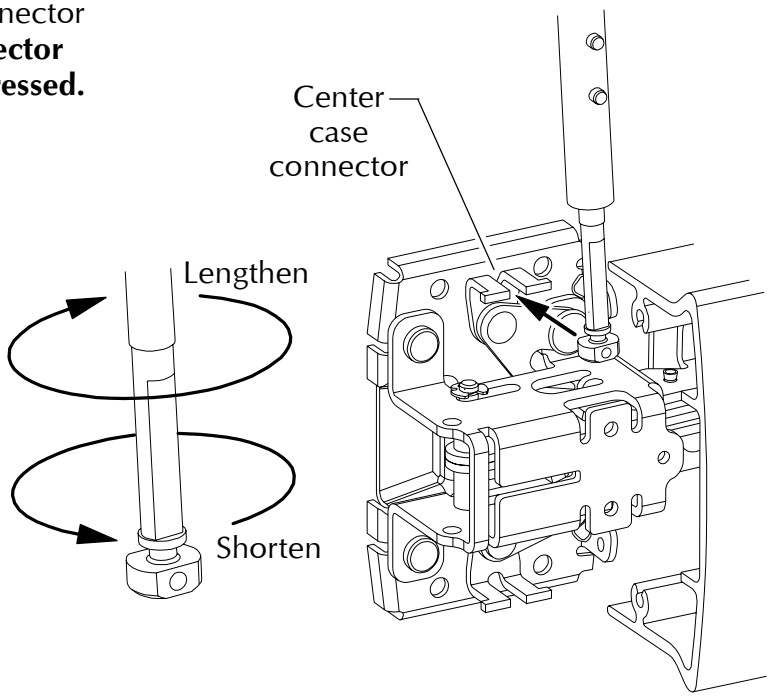
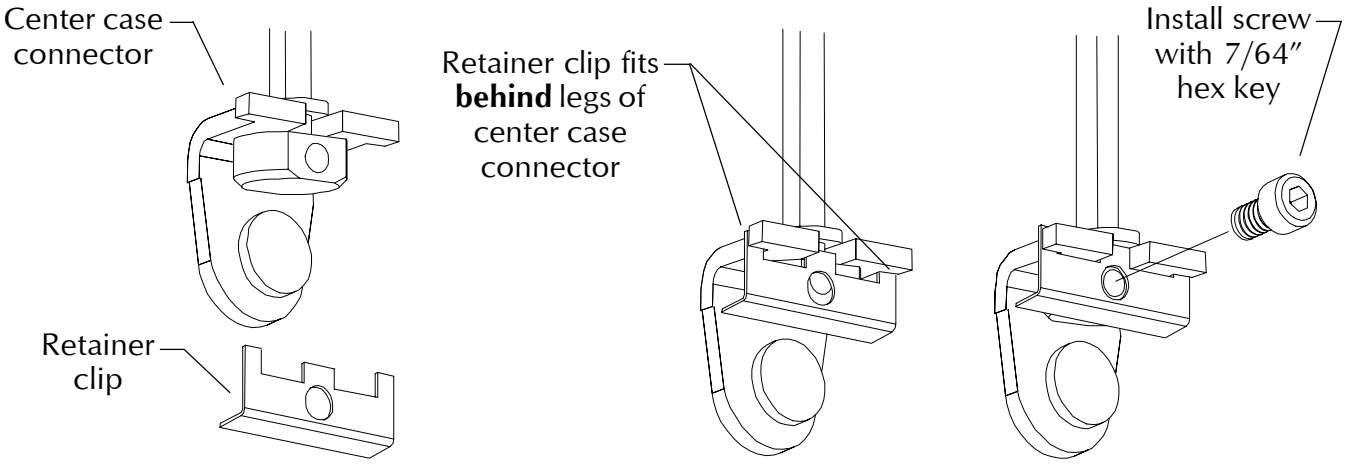


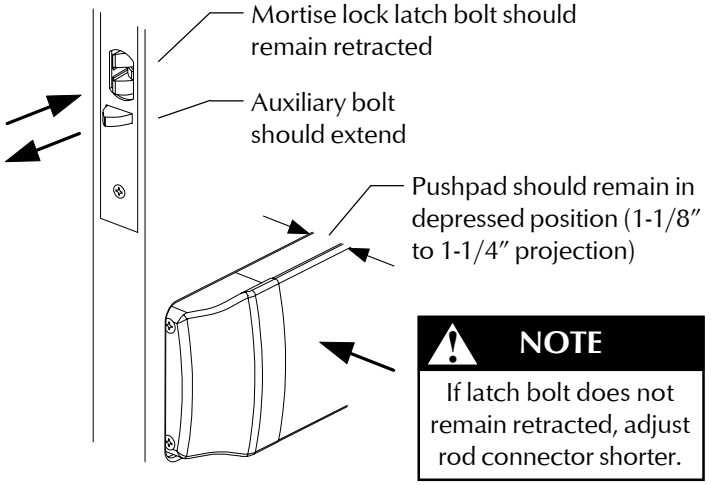
Figure 7-2

8 Install retainer clip on rod connector at center case.



9 Test device operation.

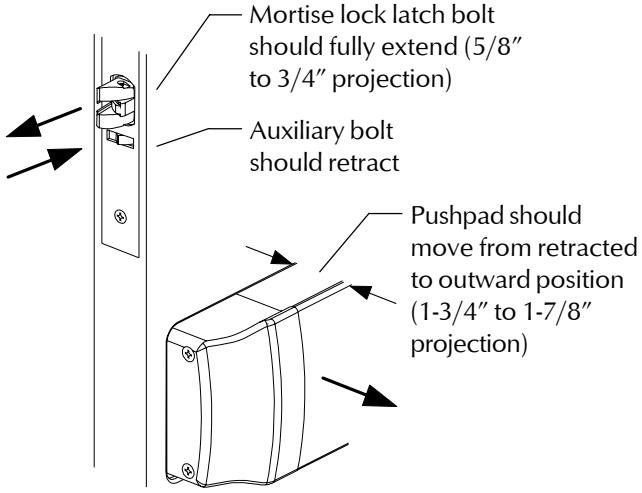
9.1. Fully depress pushpad, push door open, and release pushpad:



NOTE

If latch bolt does not remain retracted, adjust rod connector shorter.

9.2. Close door or press auxiliary bolt in:



10 Troubleshooting solenoid operation. (EL devices only.)

If solenoid fails to retract latch bolt when power is applied:

(a) Check wiring for proper connections.
(b) Check that power is reaching the solenoid.
(c) Check that device is centered in door pocket.

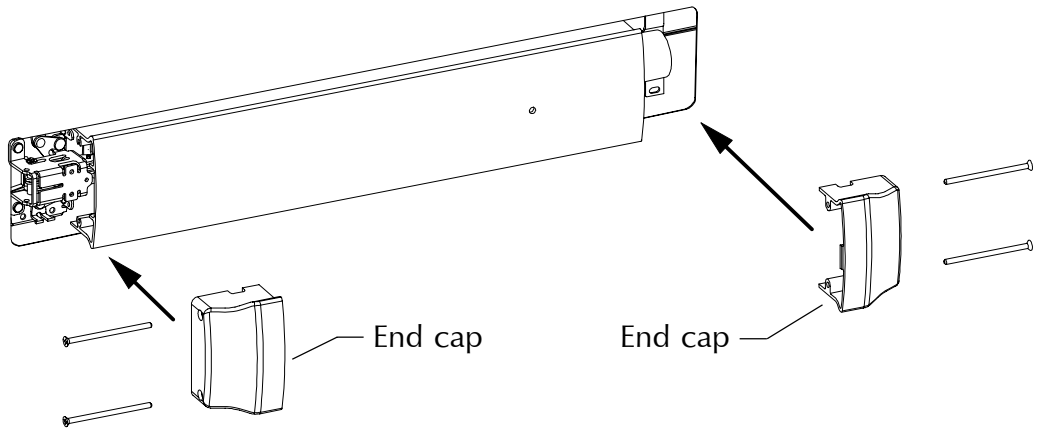
If the solenoid retracts the latch bolt momentarily but will not remain in energized position:

(a) Check wiring and power source for excessive voltage drop.
(b) Check for latch bolt binding in strike.
(c) Check rod connector adjustment.
(d) Check that device is centered in door pocket.

11 Install end caps.

NOTE

Make sure pushpad is in outward position before installing end caps.



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