47344939

ALK Alarm Kit

VON DUPRIN®

Installation Instructions

General Information

These instructions are presented in step-by-step sequence.

Review this page carefully. It will help identify the hardware and define the terminology used throughout.

Parts List

ⓘ **Note: The ALK Alarm Kit requires an RX or LX switch mounted in the exit device. Kits come standard with the RX switch unless ordered otherwise.**

This kit includes the following parts (shown below):
* ALK Unit
* Emergency Exit Sign
* Cylinder Collar
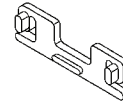* Bearing Strip
* 9 Volt Battery

EMERGENCY EXIT ONLY
ALARM WILL SOUND
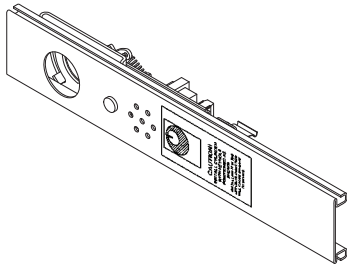
ALK Unit
(faceplate shown)
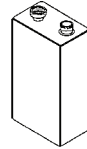
Emergency Exit Sign
(packed in cardboard tube)

Cylinder
Collar
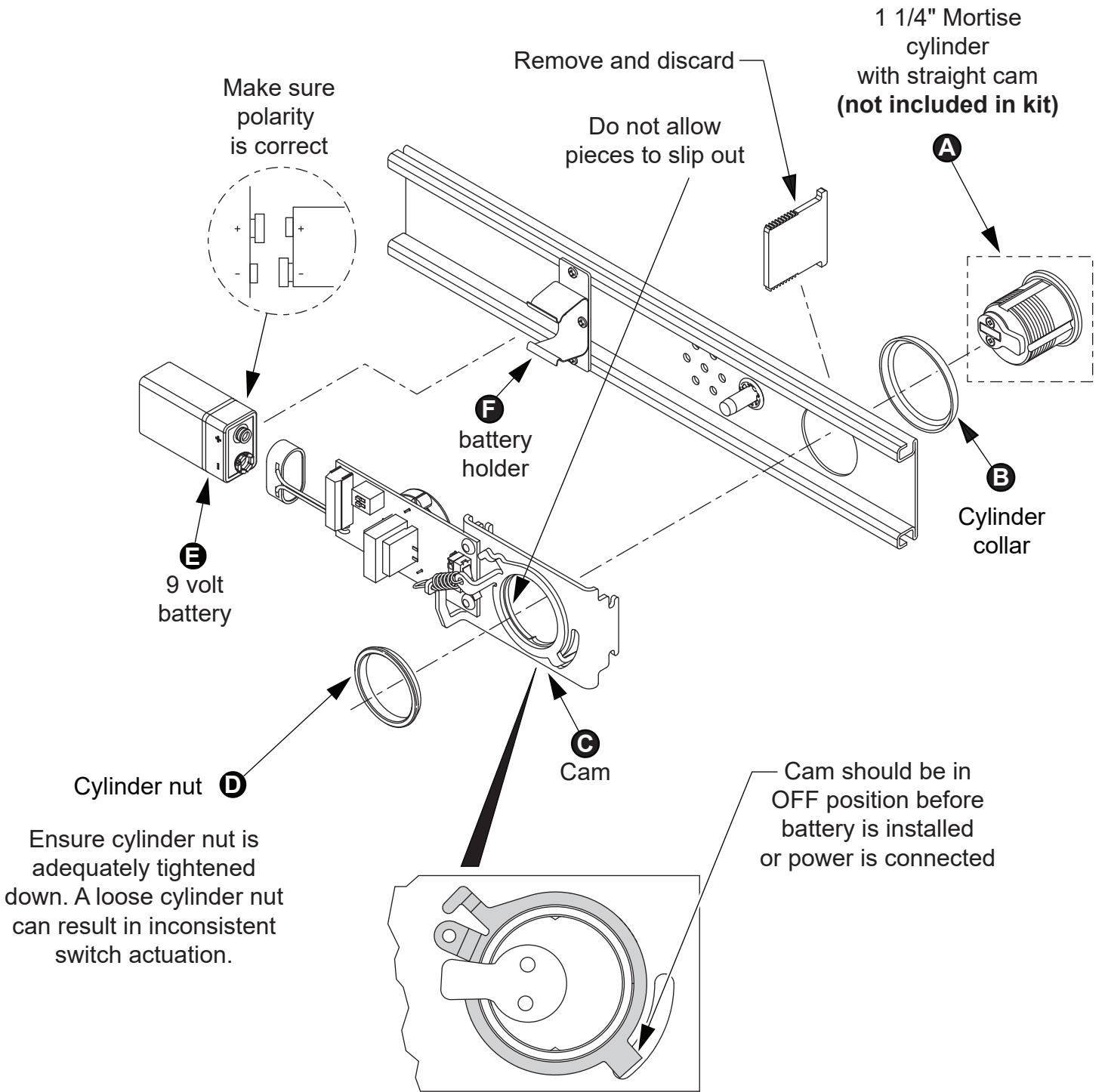
Bearing
Strip

9 Volt
Battery

1 Assemble the ALK unit with the parts in order as shown below, **A** through **F**.

Make sure
polarity
is correct

Remove and discard

1 1/4" Mortise
cylinder
with straight cam
(not included in kit)

A

Do not allow
pieces to slip out

F

battery
holder

B

Cylinder
collar

E

9 volt
battery

Cylinder nut **D**

Ensure cylinder nut is
adequately tightened
down. A loose cylinder nut
can result in inconsistent
switch actuation.

C

Cam

Cam should be in
OFF position before
battery is installed
or power is connected

2 Cut the device and/or cover plate (end opposite cylinder hole) to proper length.

ⓘ **Note: See device installation instructions for additional information.**

Cut this end

Minimum cover plate
length is 8-7/8"
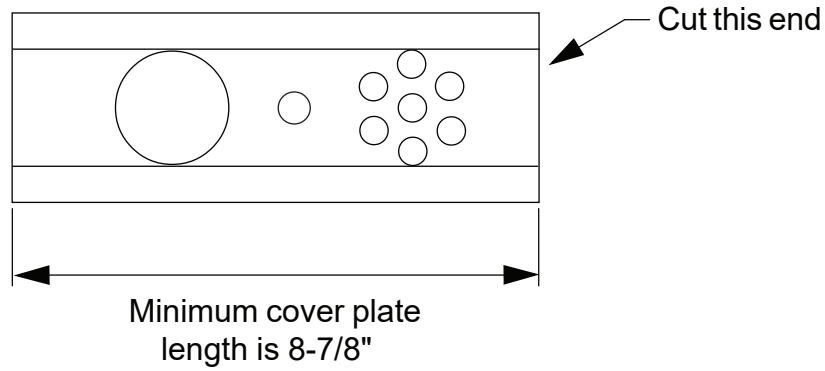
3 If exit device does not have LX or RX switch in it, install switch before proceeding.

ⓘ **Note: Refer to the appropriate RX or LX installation instructions.**

4 Remove the exit device end cap and cover plate.

End cap

Cover plate
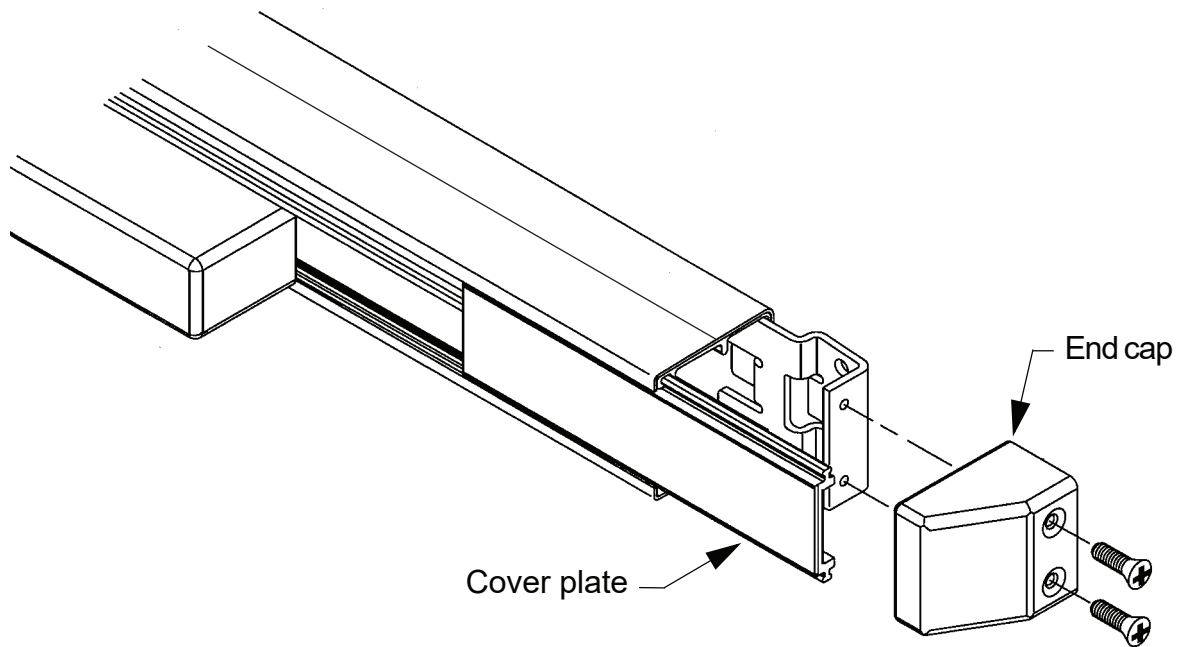
5   Attach wiring to terminal blocks on ALK board as shown.

Notes about Wiring:

The EI (external inhibit) option uses NO (normally open) dry access control contacts to inhibit the ALK.

Closing the access control contacts inhibits the ALK. When the access control contacts are re-opened, the ALK re-arms with no delay.

RX, LX, and EI inputs are not polarized.

The current draw of a Von Duprin exit alarm ALK is .25 amp when alarm is activated.
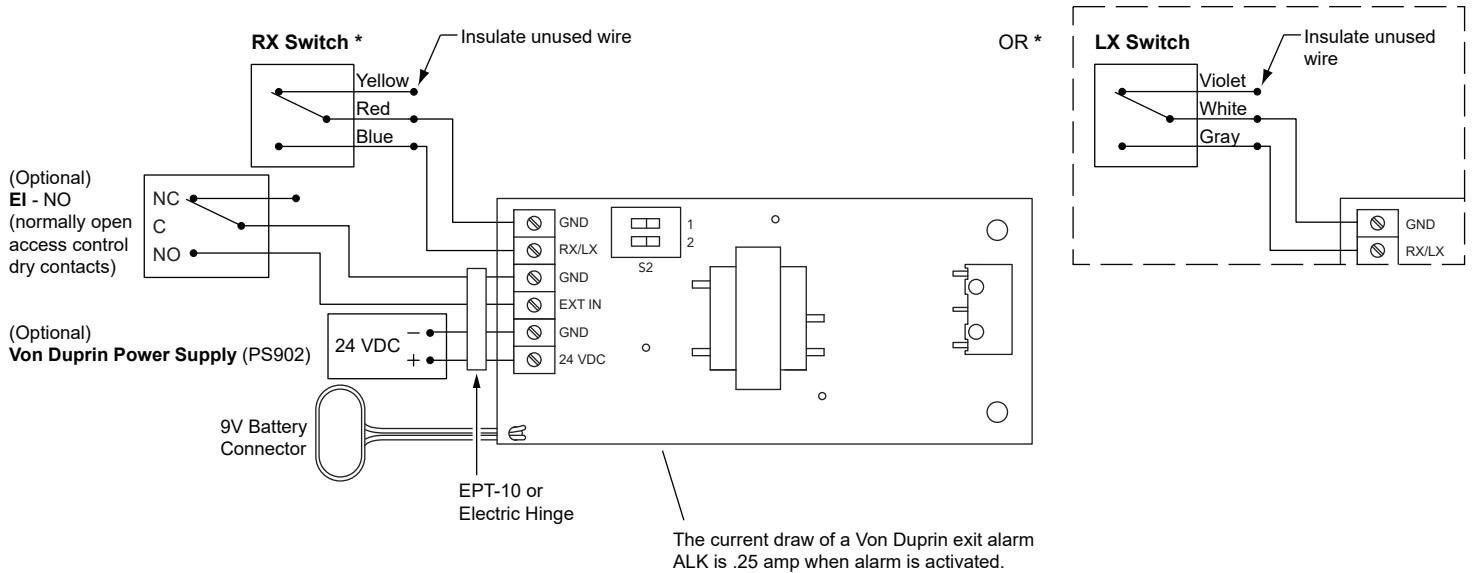
6   Adjust alarm reset time, as needed.

Adjust dip switches as shown below to adjust reset time.

ⓘ **Auto Reset Time (minutes): Amount of time alarm will sound before resetting automatically (no manual intervention).**

| S2-2	S2-1	Reset
OFF	OFF	NONE
ON	OFF	1.5
OFF	ON	3
ON	ON	4.5

7   Remove dogging shaft if present, install bearing strip, and slide ALK unit into device.

ⓘ **Note: Make sure that the wires do not tangle with moving parts by carefully pulling them toward the dogging end of device while sliding in the ALK unit.**

ALK assembly

Remove label

Remove dogging shaft if present

Bearing strip
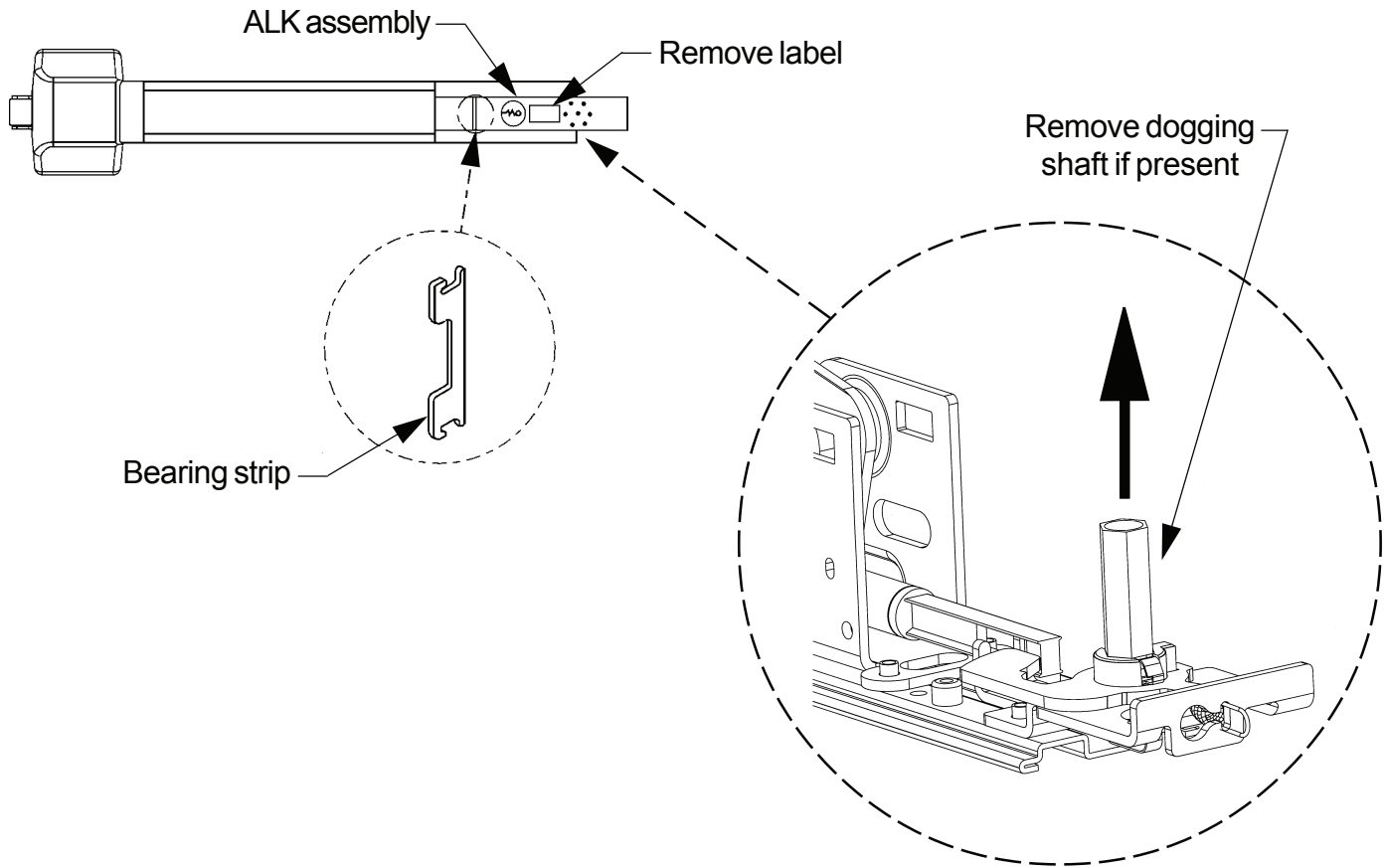
8   Install device to door.

9   Mount sign by peeling off protective backing and sticking sign into place.


EMERGENCY EXIT ONLY
ALARM WILL SOUND
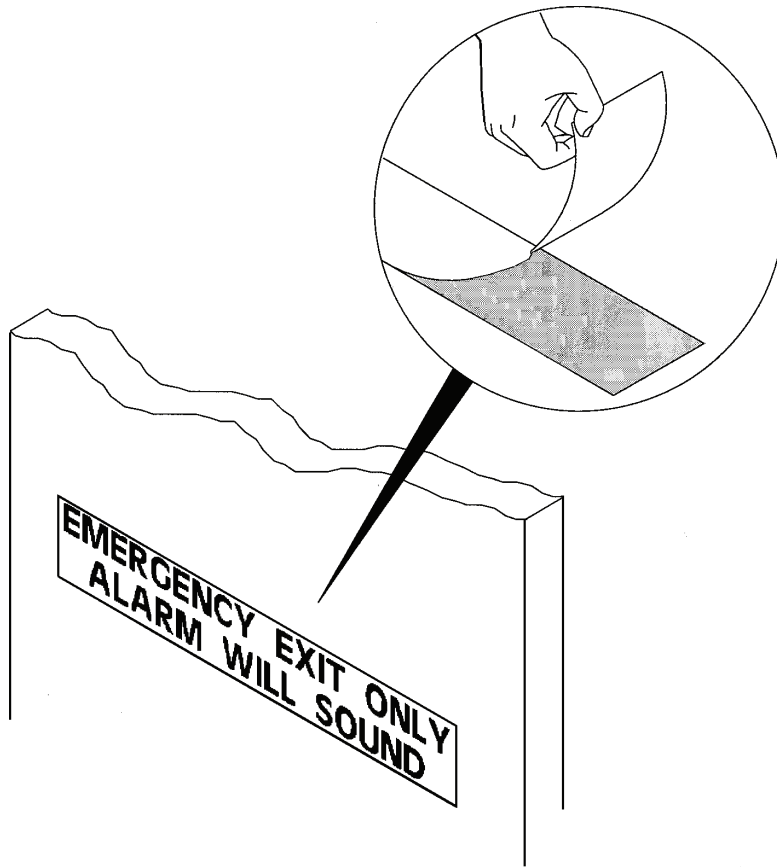
Operating Instructions

1. Insert the key into the cylinder and arm the unit by turning the key clockwise to position **B** until it stops. Return key to position **A** to remove. **There is a 15 to 20 second delay before arming during which the LED will flash every 3 to 5 seconds.**

2. Observe the LED. After the 15-20 second delay has passed, the horn will sound briefly and the LED will flash every 12 to 15 seconds. This indicates that the ALK is now in armed mode.

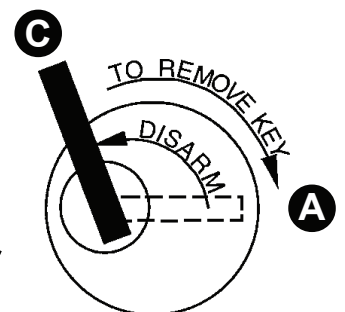3. Turn the key counterclockwise to position **C** to disarm.

TO ARM

**RHR Shown
(LHR opposite)**

Push to test
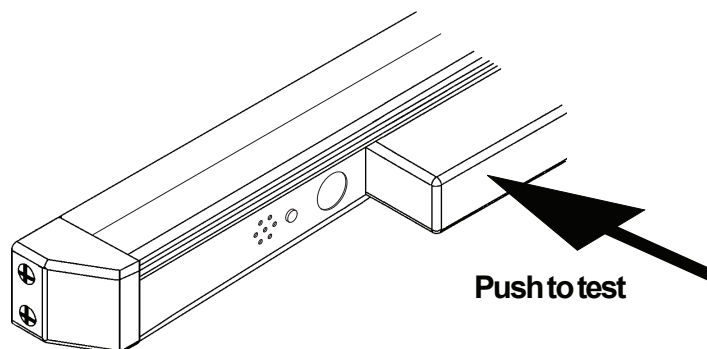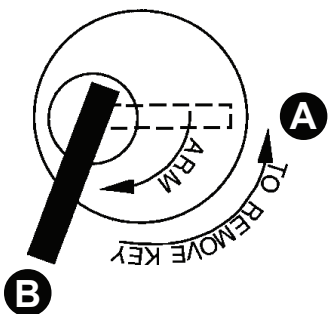
TO DISARM

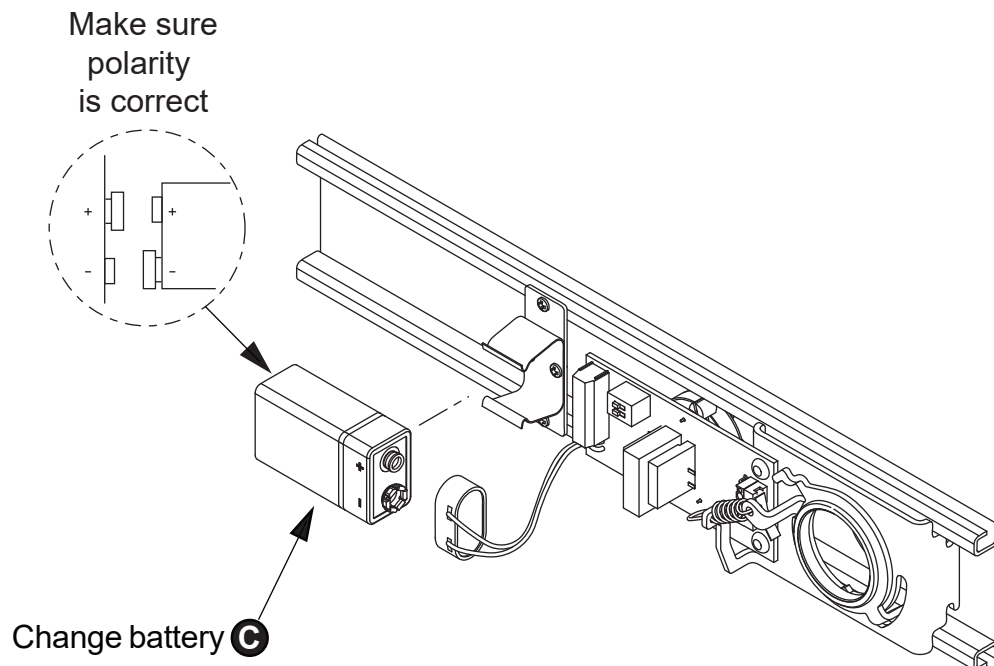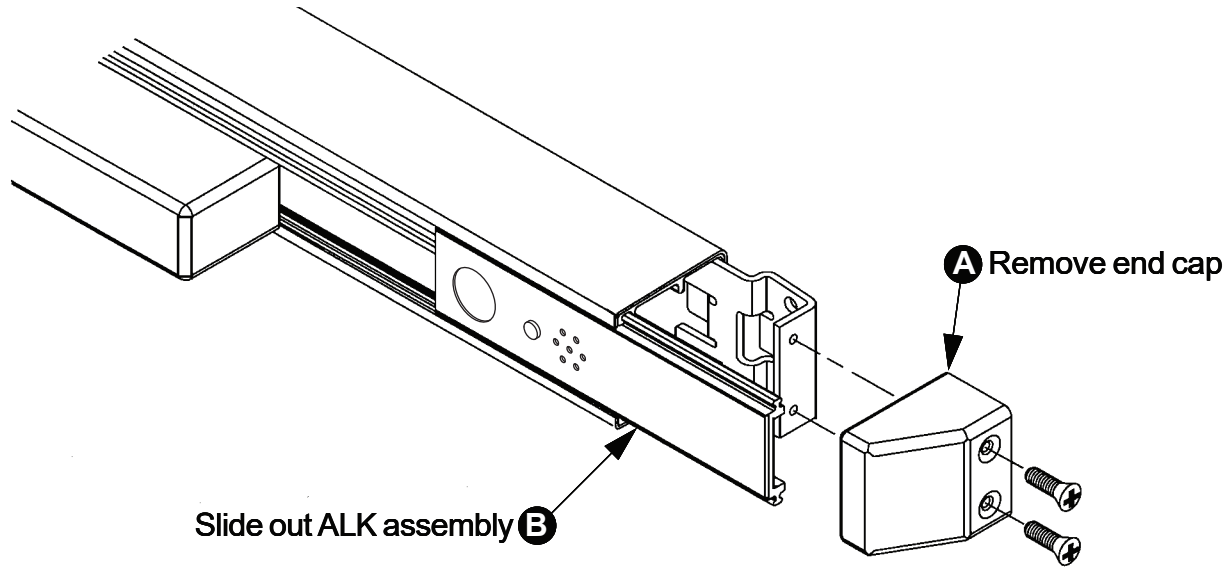**RHR Shown
(LHR opposite)**

If the battery is low, a beep will sound and the LED will flash every 10 to 15 seconds until the battery is changed. The low battery alarm can be stopped by disarming the unit.

To change the battery, follow steps **A** through **C** below, then reassemble.

A Remove end cap

Slide out ALK assembly **B**

Make sure
polarity
is correct

Change battery **C**