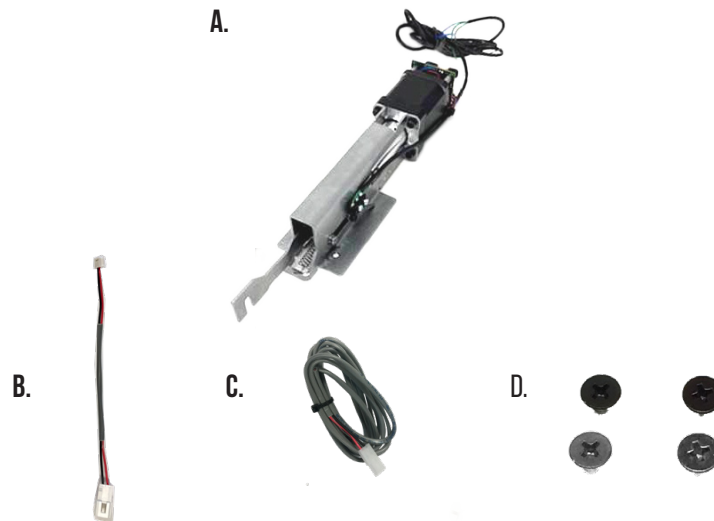COMMAND ACCESS
TECHNOLOGIES

MLRK1-FAL17

INSERT INSTRUCTIONS

The Command Access MLRK1-FAL17 is a field installable motorized latch-retraction kit for:
- MRLK1-FAL17 - Falcon 16 & 17 series devices
- MRLK1-FC37 - First Choice 36 & 37 series devices

A.

B.   C.   D.

KIT INCLUDES

A. 1- Motor Mount w/MM5
B. 1- 50944 Molex Pigtail
C. 1- 50030- 6' Lead w/ VD Connector
D. 2- 40124 10-24 x 3/8" Phillips Screws (Silver)
  2- 40125 10-24 x 3/8" Phillips Screws (Black)

TOOLS REQUIRED

Cordless Drill or Phillips Screwdriver
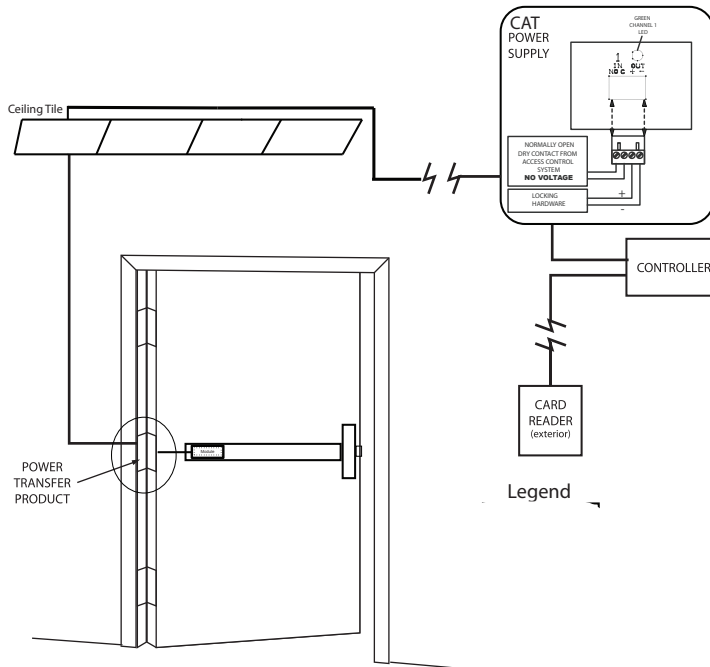Hacksaw

SPECIFICATIONS

- INPUT VOLTAGE: 24VDC +/- 10%
- AVERAGE LATCH RETRACTION CURRENT: 900 MA
- AVERAGE HOLDING CURRENT: 215 MA
- WIRE GAUGE: MINIMUM 18 GAUGE
- DIRECT WIRE RUN - NO RELAYS OR ACCESS CONTROL UNITS IN-BETWEEN POWER SUPPLY & MODULE

OPTIONAL BUILT-IN REX
- SPDT - RATED .5A @24V
- GREEN= COMMON (C)
- BLUE = NORMALLY OPEN (NO)
- GREY = NORMALLY CLOSED (NC)

RECOMMENDED POWER SUPPLIES:

All Command Access exit devices & field installable kits have been thoroughly cycle tested with Command Access power supplies at our factory. If you plan on using a non-Command power supply it must be a filtered & regulated linear power supply.
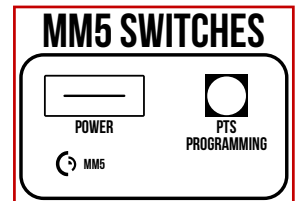
SETTING PUSH TO SET (PTS)

IMPORTANT INFO

MAKE SURE TO SET PTS BEFORE FINISHING INSTALLATION

STEP 1 - To enter PTS mode: Depress MM5 button & apply power. The device will emit 1 SHORT beep. The device is now in PTS mode.

STEP 2 - While depressing the push pad, apply power. (i.e. presenting the credential to the reader).

STEP 3 - Continue to keep pad depressed, the device will emit 1 LONG Beep. After the beep has stopped, release the pad and now the adjustment is complete. test the new location, If not to your liking repeat the 3 steps.
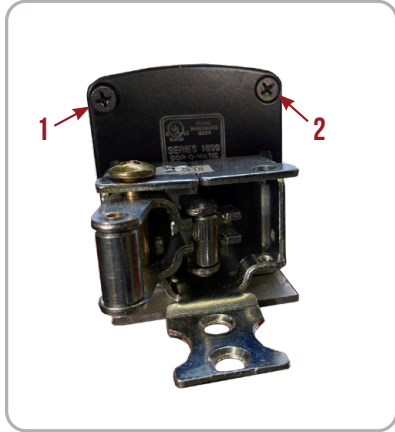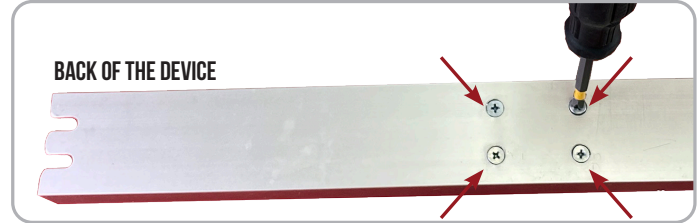
MM5 SWITCHES

POWER

MM5

PTS PROGRAMMING

TROUBLESHOOTING & DIAGNOSTICS

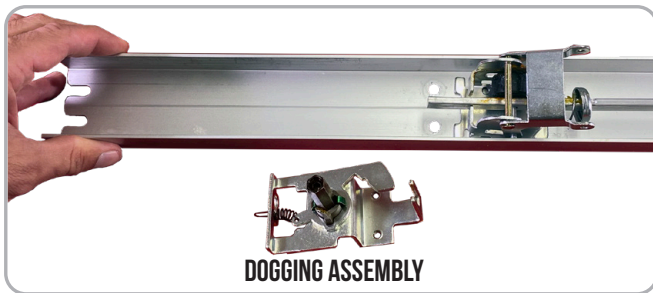| BEEPS	EXPLANATION	SOLUTION
2 Beeps	Over Voltage	> 30V unit will shut down. Check voltage & adjust to 24 V.
3 Beeps	Under Voltage	< 20V unit will shut down. Check voltage & adjust to 24 V.
4 Beeps	Failed Sensor	Verify all 3 sensor wires are installed correctly. Replace sensor if problem persists by contacting office.
5 Beeps	Retraction or dogging failure	After 1st fail: 5 beeps then immediately attempts to retract again. After 2nd fail: 5 beeps with pause in-between for 30 seconds then device attempts to retract again. After 3rd fail: 5 beeps every 7 minutes, device will not attempt to retract. To Reset: Depress bar for 5 seconds at any time.

INSTALLATION INSTRUCTIONS

1. Remove **Screws** securing the **Push Pad End Caps** and slide off **Push Pad**.
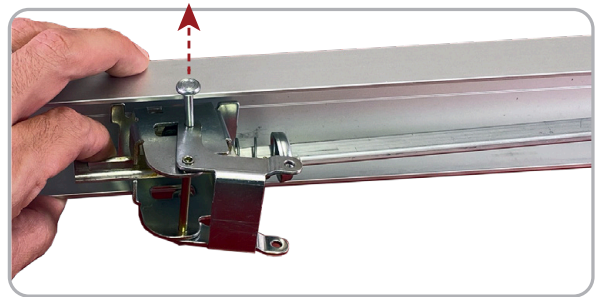

2. Remove 4 **Screws** from back of the **Baserail**.

BACK OF THE DEVICE

3. Remove **Dogging Assembly** and discard.

DOGGING ASSEMBLY

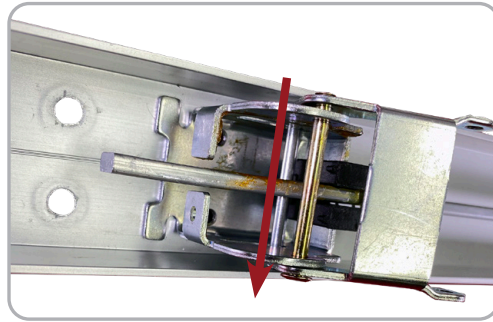**4.** Lift up **Back Activating Bracket** and remove **Roll Pin** to release.

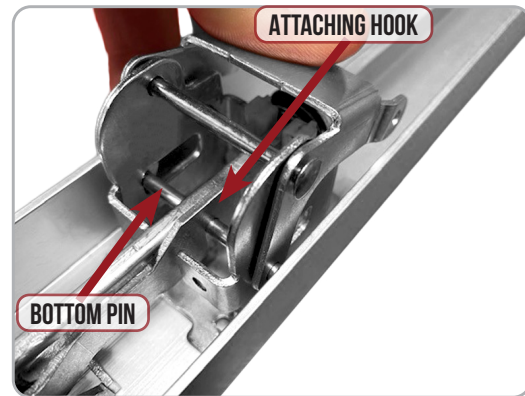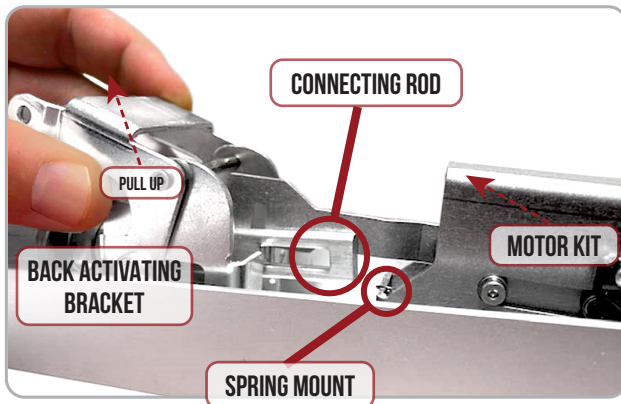**5.** *First Choice Devices* Only: Cut down **Back Activating Bracket** to remove **Dogging Extension**.

CUT DOWN   3/4   CUT   GOOD!

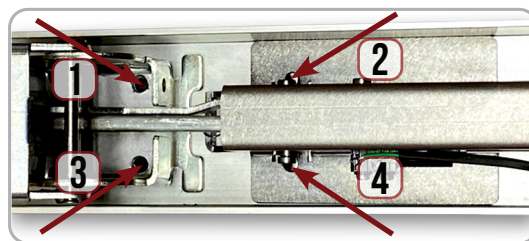**6.** Remove **Activating Bracket** then remove **Rubber Bumper**.

7. Reassemble **Activating Bracket**. Re-install into **Baserail** by inserting **Bottom Pin** through **Connecting Rod**.
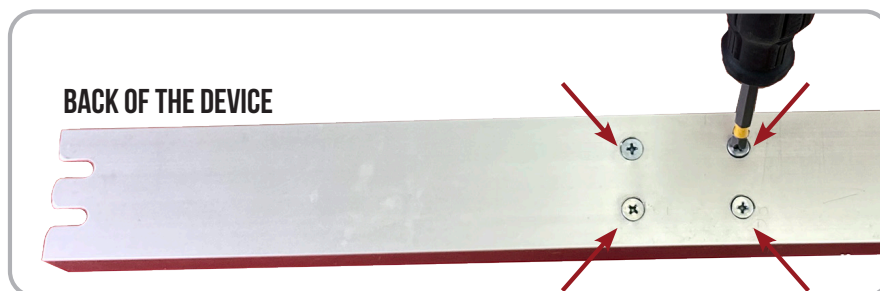

8. Drop the **Motor Kit**'s attatching hook on to the **Bottom Pin**. Make sure to keep the hooks at an angle so that the **Connecting Rod** avoids the **Spring Mount**.
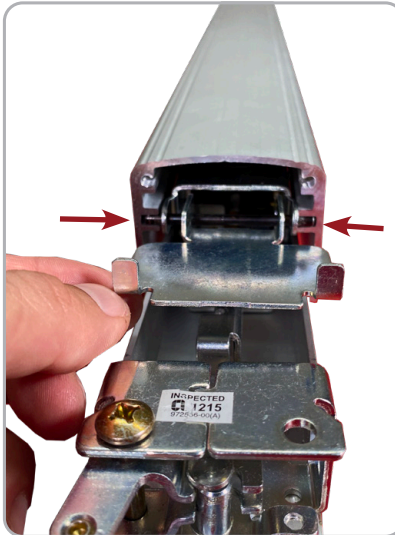

9. Line up the **Back Activating Bracket** and **Motor Mount** screw holes with the existing screw holes on the **Exit Device**.
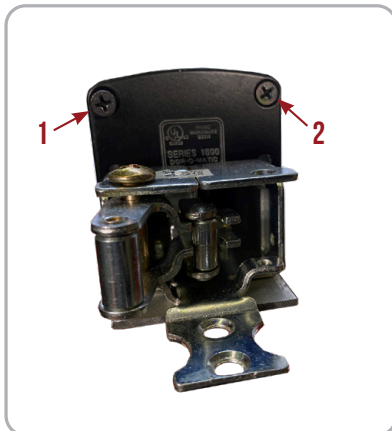

10. Secure the **Motor Kit** and **Back Activating Bracket** from the back of the device with (4) of the **Finished Screws**.

11. Re-install **Top Pins** on both **Activating Brackets** and slide on the **Push Pad** making sure **Pins** are in the proper channel.

12. Re-install **Screws** securing the **Push Pad End Caps** on the front & back.

13. Set the "**Push to Set Adjustment**" following the steps below, remembering to turn the **Programming Switch** to the *off position* when completed.

SETTING PUSH TO SET (PTS)
→ ****IMPORTANT INFO**** ←
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MM5 SWITCHES

POWER | PTS PROGRAMMING

MM5