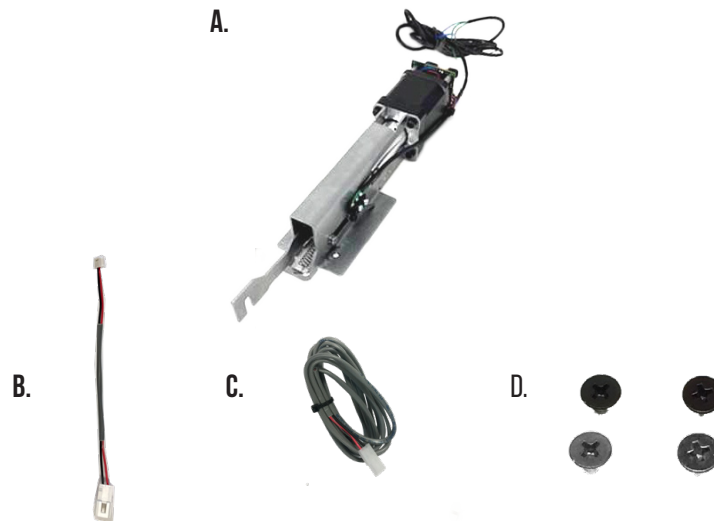


MLRK1-FAL17

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



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

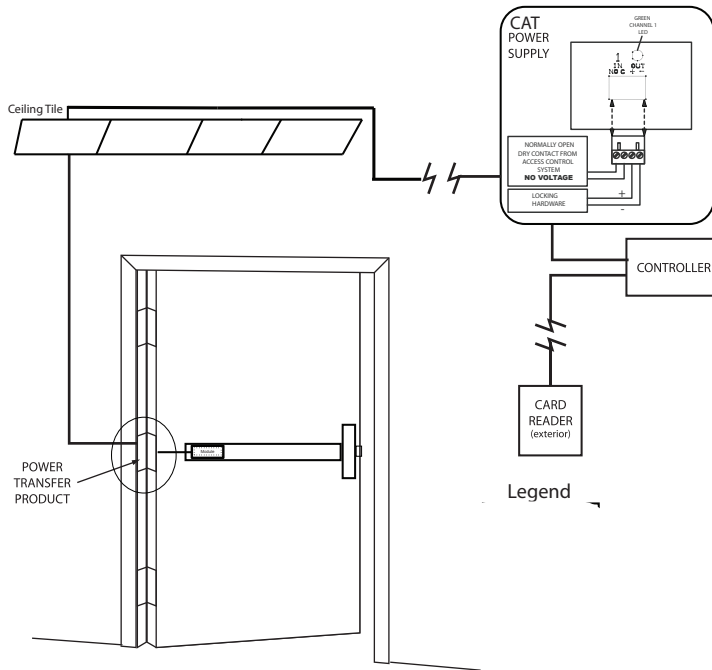
- INPUT VOLTAGE: 24VDC +/- 10%
- AVERAGE LATCH RETRACTION CURRENT: 900 MA
- AVERAGE HOLDING CURRENT: 215 MA
- WIRE GAUGE: MINIMUM 18 GAUGE
- DIRECT WIRE RUN - NO RELAYS OR ACCESS CONTROL UNITS IN-BETWEEN POWER SUPPLY & MODULE

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.

OPTIONAL BUILT-IN REX

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

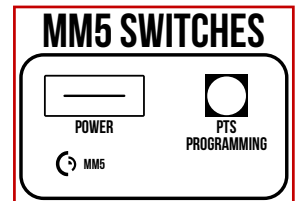


SETTING PUSH TO SET (PTS)

****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.

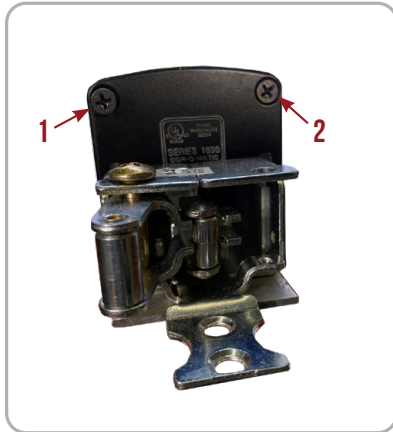


TROUBLESHOOTING & DIAGNOSTICS

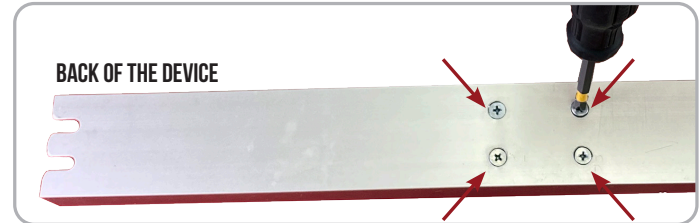
BEEPS	EXPLANATION	SOLUTION
2 Beeps	Over Voltage	> 30V unit will shut down. Check voltage & adjust to 24 V.
3 Beeps	Under Voltage	< 20V unit will shut down. Check voltage & adjust to 24 V.
4 Beeps	Failed Sensor	Verify all 3 sensor wires are installed correctly. Replace sensor if problem persists by contacting 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**.



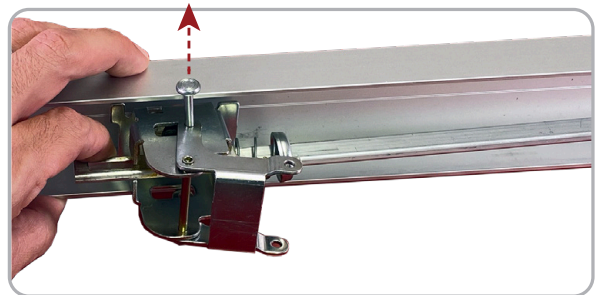
- 2.** Remove 4 **Screws** from back of the **Baserail**.



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



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



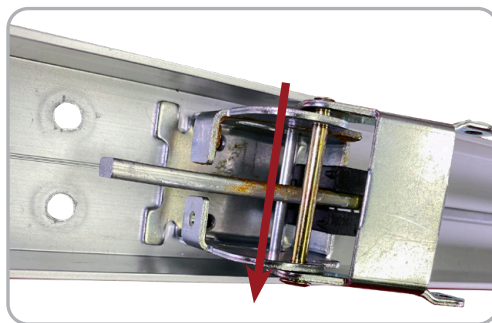
- 5.** **First Choice Devices Only:* Cut down **Back Activating Bracket** to remove **Dogging Extension**.



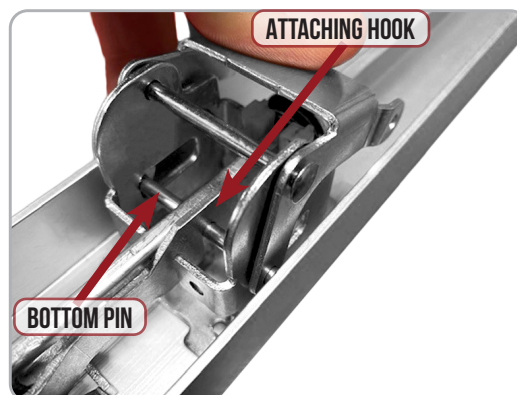
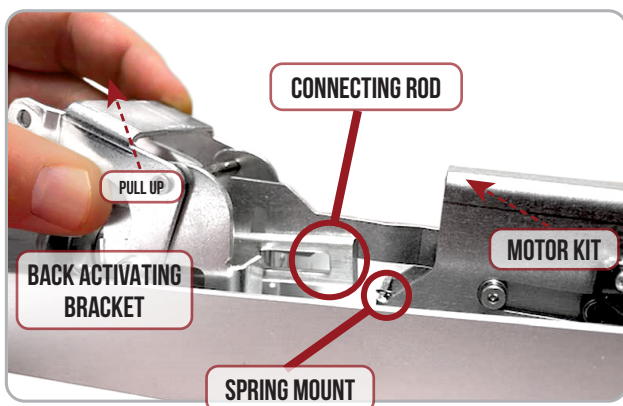
- 6.** Remove **Activating Bracket** then remove **Rubber Bumper**.



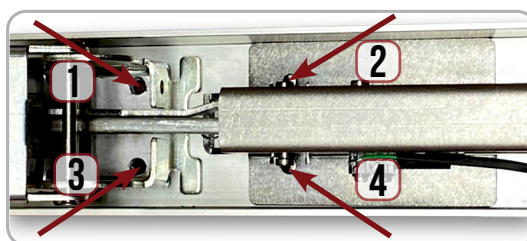
- 7.** Reassemble **Activating Bracket**. Re-install into **Baserail** by inserting **Bottom Pin** through **Connecting Rod**.



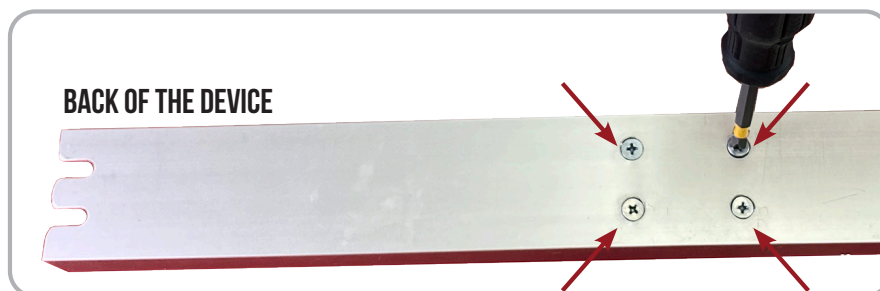
- 8.** Drop the **Motor Kit's** attaching hook on to the **Bottom Pin**. Make sure to keep the hooks at an angle so that the **Connecting Rod** avoids the **Spring Mount**.



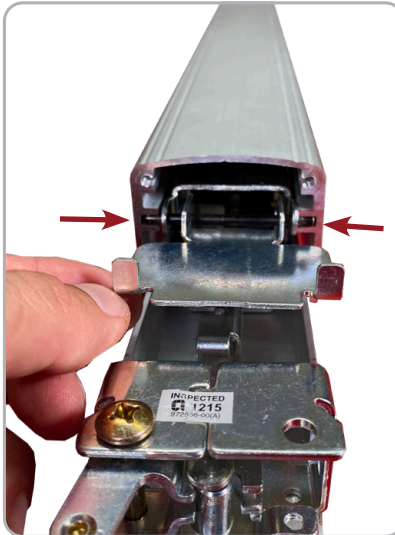
- 9.** Line up the **Back Activating Bracket** and **Motor Mount** screw holes with the existing screw holes on the **Exit Device**.



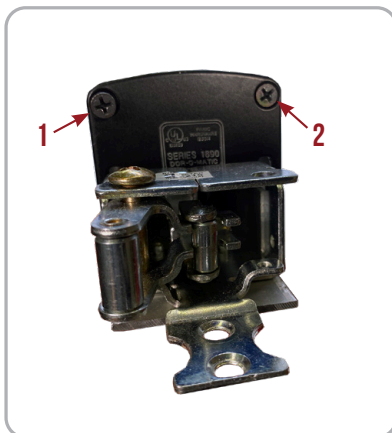
- 10.** Secure the **Motor Kit** and **Back Activating Bracket** from the back of the device with (4) of the **Finished Screws**.



- 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)

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