

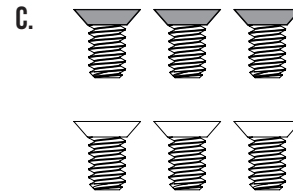
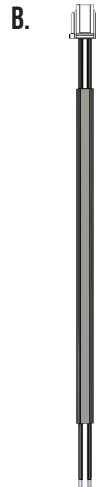


MLRK1-FAL17

INSERT INSTRUCTIONS

The Command Access MLRK1-FAL17 is a field installable motorized latch-retraction kit for:

- Falcon 16 & 17 series devices
- First Choice 36 & 37 series devices



KIT INCLUDES

- A. (1) Motor Kit Assembly w/MM5
- B. (1) 50944 Molex Pigtail
- C. (3) 40124 10-24 x 3/8" Phillips Screws (Silver)
(3) 40125 10-24 x 3/8" Phillips Screws (Black)

TOOLS REQUIRED

Cordless Drill or Phillips Screwdriver
Hacksaw



INSTALLATION VIDEO

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: USE A POWER LIMITED CLASS 2 POWER SUPPLY

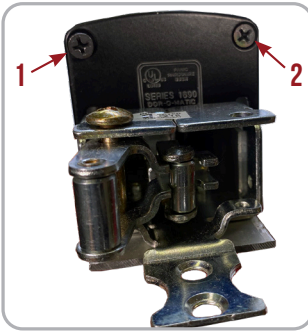
ALL COMMAND ACCESS EXIT DEVICES & FIELD INSTALLABLE KITS HAVE BEEN THOROUGHLY CYCLE TESTED WITH COMMAND ACCESS POWER SUPPLIES AT OUR FACTORY. IF YOU PLAN ON USING A NON-COMMAND POWER SUPPLY IT MUST BE A FILTERED & REGULATED LINEAR POWER SUPPLY.

BUILT-IN REX

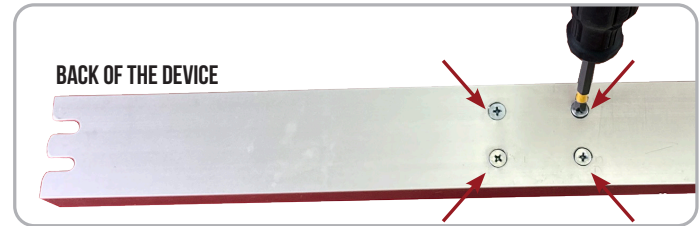
- SPDT - RATED .5A @24V
- GREEN= COMMON (C)
- BLUE = NORMALLY OPEN (NO)
- GREY = NORMALLY CLOSED (NC)

INSTALLATION INSTRUCTIONS

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



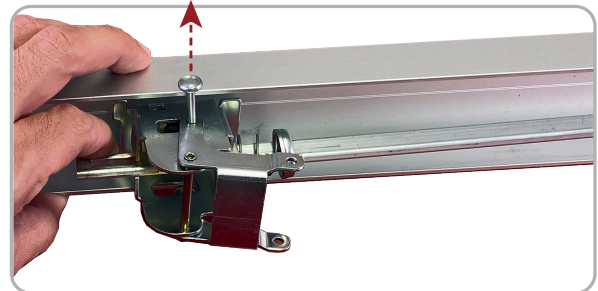
- 2.** Remove 4 **Screws** from back of the **Baserail**.



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



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



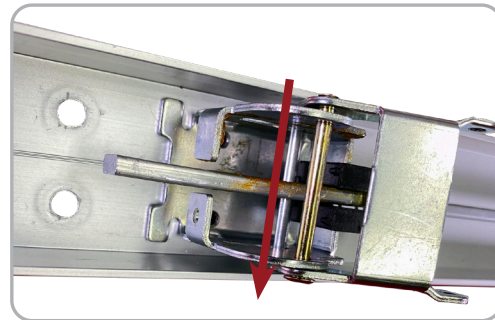
- 5.** **First Choice Devices Only:* Cut down **Back Activating Bracket** to remove **Dogging Extension**.



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

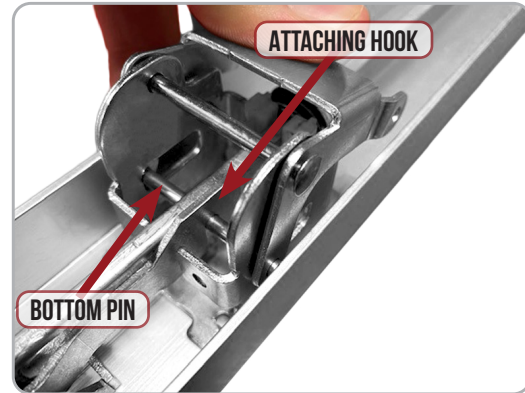
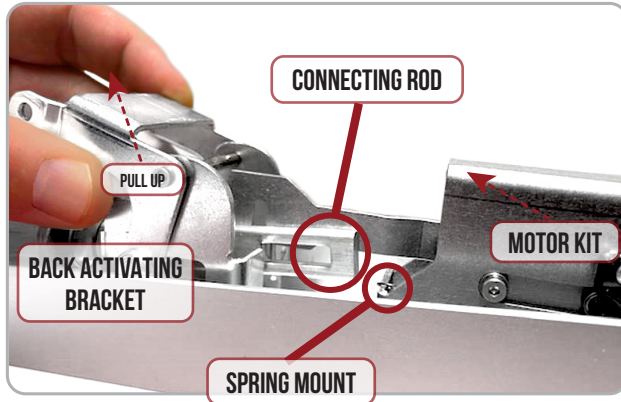


- 7.** Reassemble **Activating Bracket**. Re-install into **Baserail** by inserting **Bottom Pin** through **Connecting Rod**.

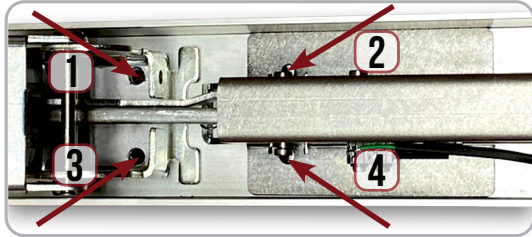


INSTALLATION INSTRUCTIONS

- 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**.



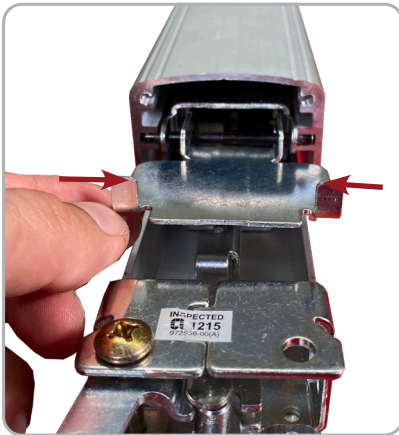
- 9.** Line up the **Back Activating Bracket** and **Motor Mount** screw holes with the existing screw holes on the **Exit Device**.



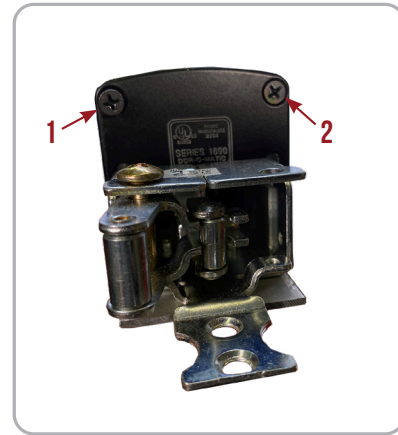
- 10.** Secure the **Motor Kit** and **Back Activating Bracket** from the back of the device with (4) of the **Finished Screws**.



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

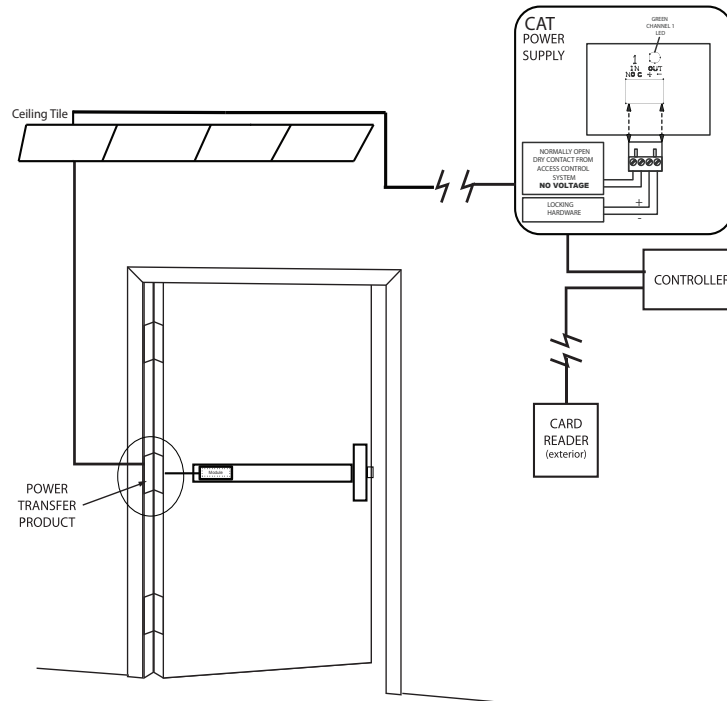


- 12.** Re-install **Screws** securing the **Push Pad End Caps** on the front & back.



- 13.** Set the "**Push to Set Adjustment**" (see page 4)





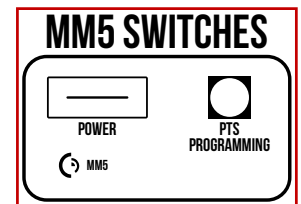
SETTING PUSH TO SET (PTS)

TO PUT THE DEVICE IN PTS MODE, FOLLOW THESE STEPS:

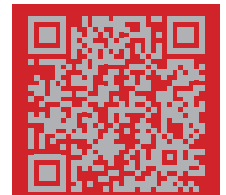
- Depress the MM5 button.
- Apply power and listen for short beep, which indicates that the device is now in PTS mode.
- Remove power.
- Release the button, but make sure you don't release it until the power is no longer going to the motor.

SET ADJUSTMENT:

- Depress the pushpad fully then release it 1/32", & hold.
- Apply power.
- Continue to hold the pushpad until the device gives you long beep.
- Remove power.



Note: Test the new location multiple times; if not to your liking, repeat the steps.



PTS VIDEO

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.