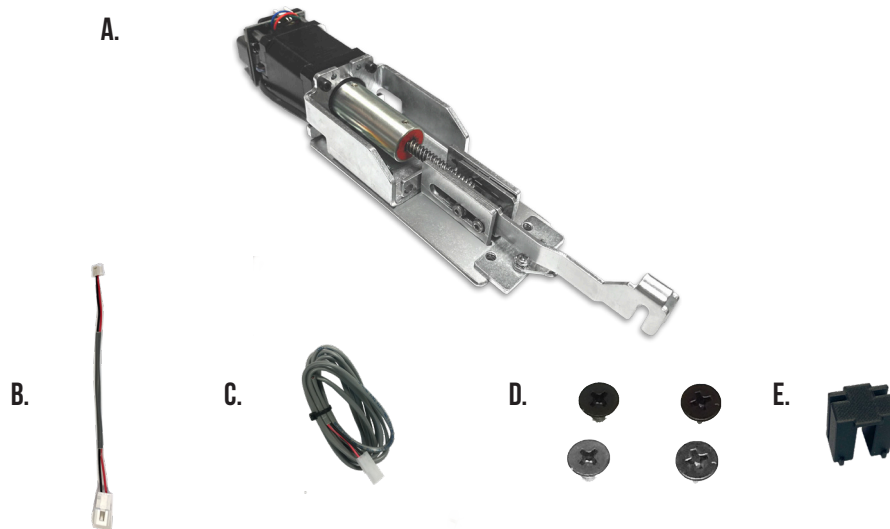


MLRK1-FAL17

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/MM4S
- 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)
- E. 1- 51211 Plastic Spacer Guide

TOOLS REQUIRED

- Cordless Drill or Phillips Screwdriver
- Hacksaw

SPECIFICATIONS

- **INPUT VOLTAGE:** 24VDC +/- 10%
- **WIRE GAUGE:** MINIMUM 18 GAUGE
- **DIRECT WIRE RUN - NO RELAYS OR ACCESS CONTROL UNITS IN-BETWEEN POWER SUPPLY & MODULE**

STANDARD TORQUE MODE

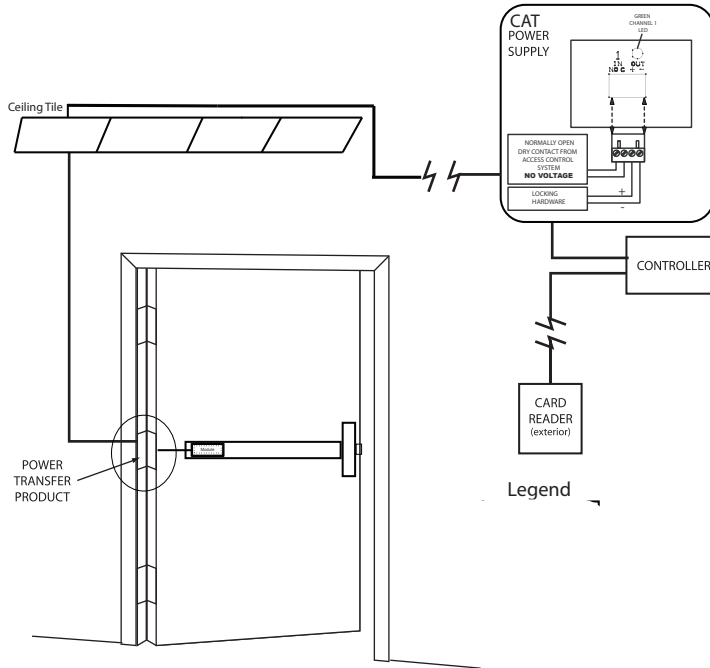
AVERAGE LATCH RETRACTION CURRENT: 900MA
AVERAGE HOLDING CURRENT: 215 MA

HIGH TORQUE MODE

AVERAGE LATCH RETRACTION CURRENT: 2 AMP
AVERAGE HOLDING CURRENT: 250 MA

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** - Select your preferred torque mode (ships in standard torque). Press the device push pad to the desired setting. (We recommend to fully depress and release 5%, giving the device room for changing door conditions.)
- STEP 2** - While depressing the push pad, apply power.
- STEP 3** - Continue to keep the pad depressed, the device will beep 6 times. After the beeps have stopped, release the pad and the adjustment is now set. Test the adjustment 4 to 5 times and if not to your liking repeat the above steps.

MM4S SWITCHES

1	OFF	STANDARD TORQUE
	ON	HIGH TORQUE
2	ON	PTS PROGRAMMING ON
	OFF	PTS PROGRAMMING OFF

INPUT POWER:

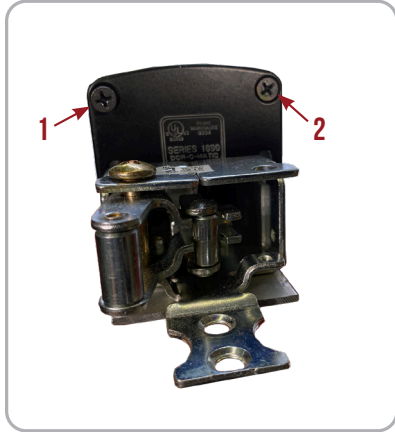
**Once you found your preferred adjustment, we recommend turning off the PTS programming switch.*

TROUBLESHOOTING & DIAGNOSTICS

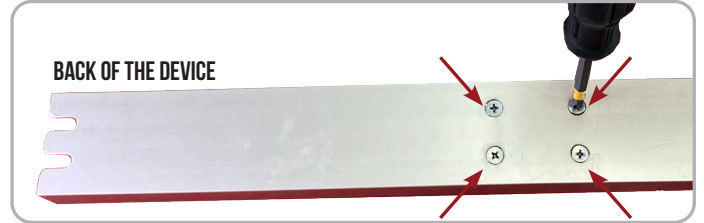
BEEPS	EXPLANATION	SOLUTION
2 Beeps	Over Voltage	> 30V unit will shut down. Check voltage & adjust to 24 V.
3 Beeps	Under Voltage	< 20V unit will shut down. Check voltage & adjust to 24 V.
4 Beeps	Failed Sensor	Verify all 3 sensor wires are installed correctly. Replace sensor if problem persists by contacting 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.
6 Beeps	PUSH TO SET	Device is recording it's new position and power mode after the 6th beep.

INSTALLATION INSTRUCTIONS

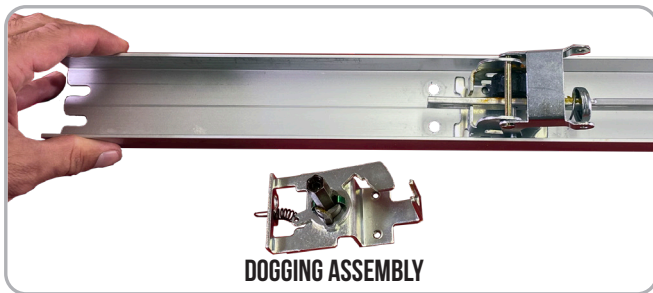
1. Remove (2) **Screws** securing the **Push Pad End Caps** on the front & back, and then the **Push Pad End Caps**. Place all to the side.



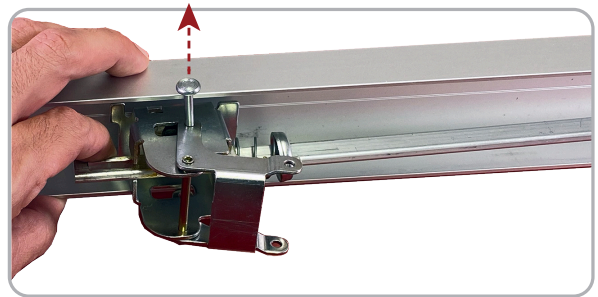
2. Remove 4 **Screws** from back of the **Baserail**.



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



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



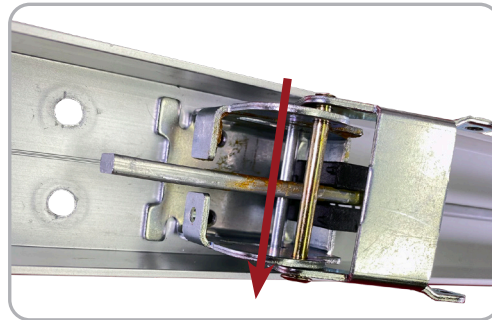
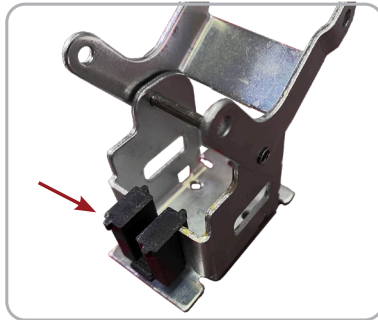
5. **First Choice Devices Only:* Cut down **Back Activating Bracket** to remove **Dogging Extension**.



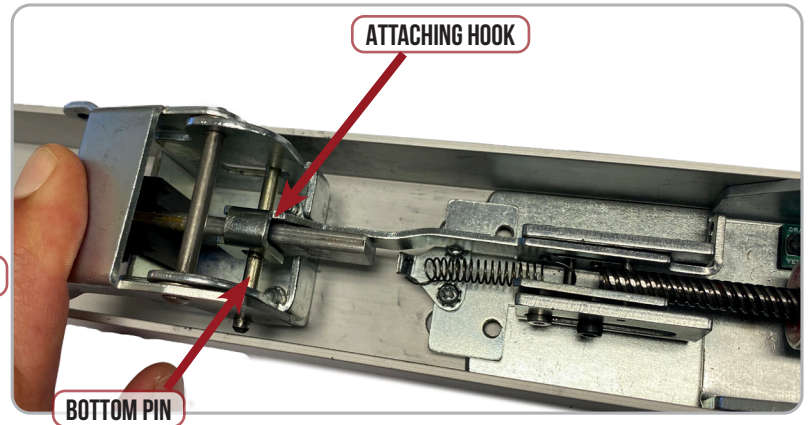
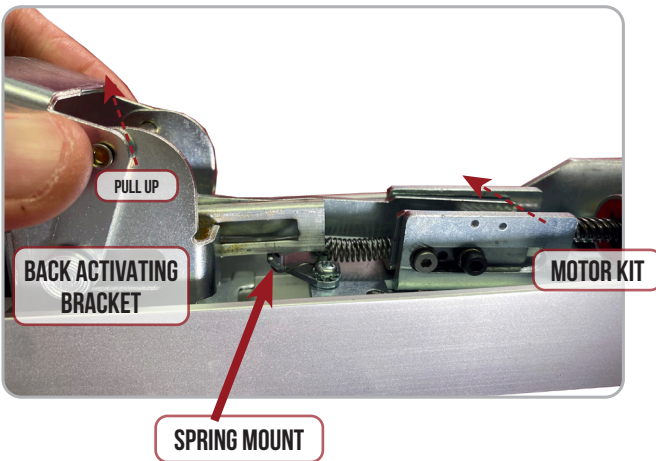
6. Remove **Activating Bracket** then remove **Rubber Bumper**, & **Factory Spacer**.



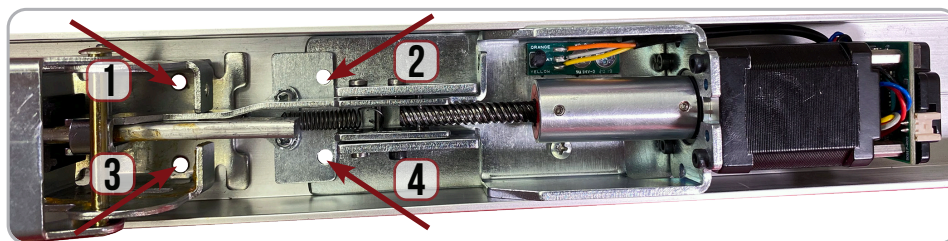
7. Add Replacement Spacer & reassemble Activating Bracket. Re-install into Baserail by inserting Bottom Pin through Connecting Rod.



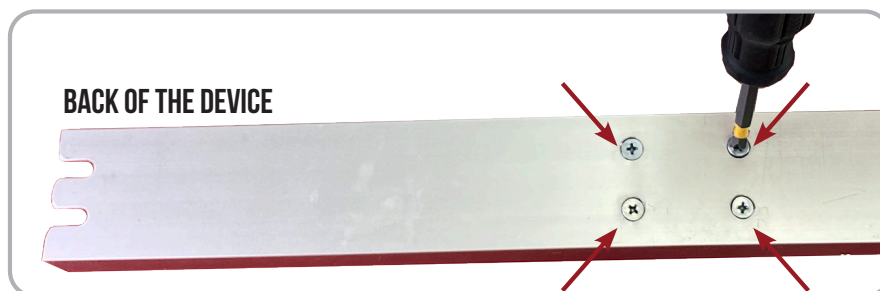
8. Drop the Motor Kit's attaching hook on to the Bottom Pin. Make sure to keep the hooks at an angle so that the Connecting Rods avoids the Spring Mount.



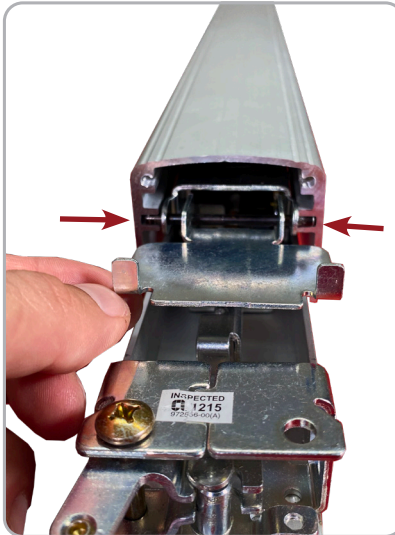
9. Line up the Back Activating Bracket and Motor Mount screw holes with the existing screw holes on the Exit Device.



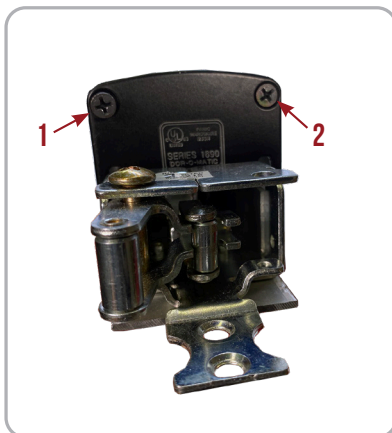
10. Secure the Motor Kit and Back Activating Bracket from the back of the device with (4) of the Finished Screws.



- 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 (2) **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****

MAKE SURE TO SET PTS BEFORE FINISHING INSTALLATION

- STEP 1** - Select your preferred torque mode (ships in standard torque). Press the device push pad to the desired setting. (We recommend to fully depress and release 5%, giving the device room for changing door conditions.)
- STEP 2** - While depressing the push pad, apply power.
- STEP 3** - Continue to keep the pad depressed, the device will beep 6 times. After the beeps have stopped, release the pad and the adjustment is now set. Test the adjustment 4 to 5 times and if not to your liking repeat the above steps.

MM4S SWITCHES		
1	OFF	STANDARD TORQUE
	ON	HIGH TORQUE
2	ON	PTS PROGRAMMING ON
	OFF	PTS PROGRAMMING OFF

**Once you found your preferred adjustment, we recommend turning off the PTS programming switch.*