

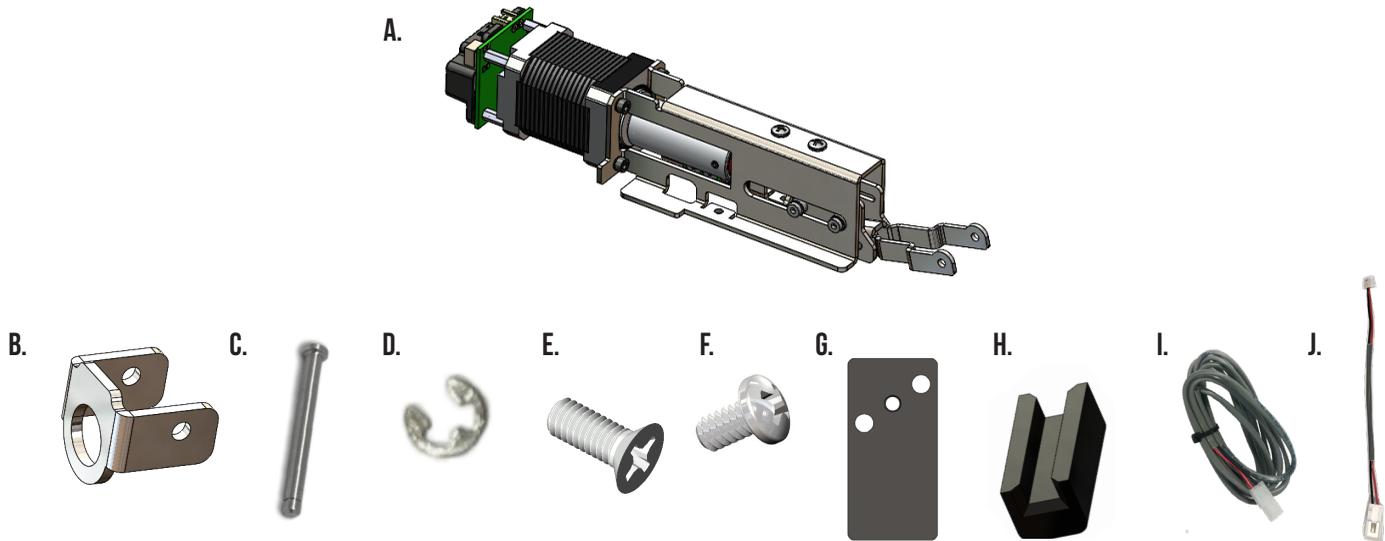
MLRK1-MRK8



INSERT INSTRUCTIONS

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

- MRLK1-MRK8 - Marks M8800 Series



KIT INCLUDES

- | | |
|---|---|
| A. (1) 60728 - MLRK1-MRK8 | F. (1) 40073 - 6-32 X 1/4 PHILLIPS PAN HEAD SCREW |
| B. (1) 51222 - CONNECTING BRACKET | G. (1) 51263 - MOTOR KIT SPACER |
| C. (1) 51048 - CONNECTING PIN | H. (4) 52084 - PAD SPACER |
| D. (3) 40067 - E-CLIP | I. (1) 50030 - 8' LEAD W/ VD CONNECTOR |
| E. (2) 40064 - M4 X 10MM PHILLIPS FLAT HEAD SCREW | J. (1) 50944 - MOLEX PIGTAIL |

SPECIFICATIONS

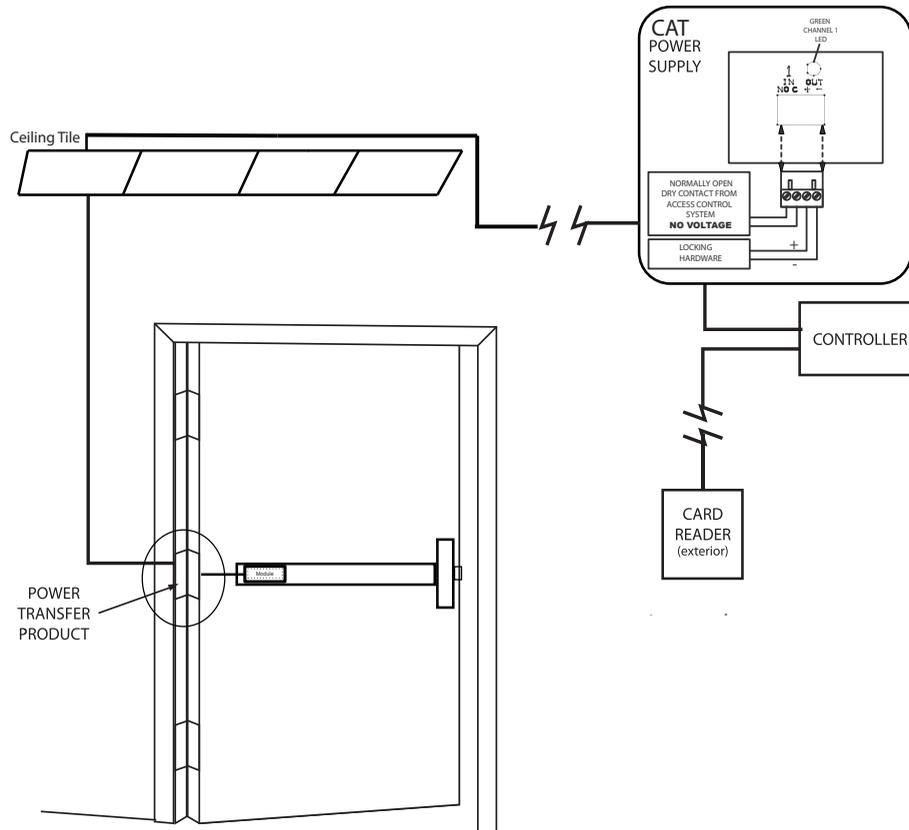
- INPUT VOLTAGE: 24VDC +/- 10%
- AVERAGE **LOW** TORQUE LATCH RETRACTION CURRENT: 900 MA
- AVERAGE **HIGH** TORQUE LATCH RETRACTION CURRENT: 2A
- AVERAGE HOLDING CURRENT: 215 MA
- WIRE GAUGE: MINIMUM 18 GAUGE
- DIRECT WIRE RUN - NO RELAYS OR ACCESS CONTROL UNITS IN-BETWEEN POWER SUPPLY & MODULE

OPTIONAL BUILT-IN REX

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

RECOMMENDED POWER SUPPLIES: 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.



SETTING PUSH TO SET (PTS)

→ **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. (RECOMMEND TO FULLY DEPRESS AND RELEASE 5%, GIVING THE DEVICE ROOM FOR CHANGING DOOR CONDITIONS.)
- 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 **BEEP 6 TIMES**. AFTER THE BEEPS HAVE STOPPED, RELEASE THE PAD AND NOW THE ADJUSTMENT IS COMPLETE. IF NOT TO YOUR LIKING REPEAT THE 3 STEPS.
- STEP 4-** ONCE YOU FOUND THE CORRECT LOCATION, **TURN PTS SWITCH TO OFF POSITION**.

MM4S SWITCHES

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

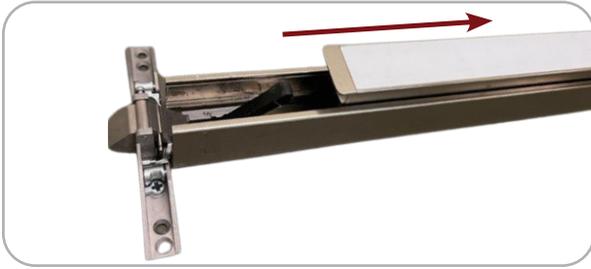
INPUT POWER

MM4S

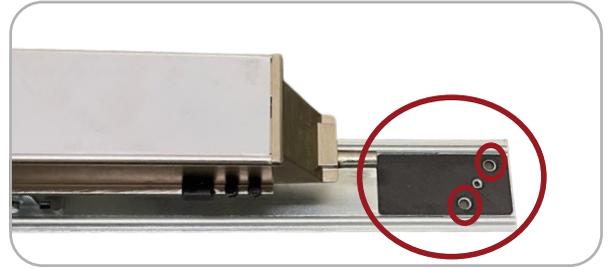
TROUBLESHOOTING & DIAGNOSTICS

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	<p>AFTER 1ST FAIL: 5 BEEPS THEN IMMEDIATELY ATTEMPTS TO RETRACT AGAIN.</p> <p>AFTER 2ND FAIL: 5 BEEPS WITH PAUSE IN-BETWEEN FOR 30 SECONDS THEN DEVICE ATTEMPTS TO RETRACT AGAIN.</p> <p>AFTER 3RD FAIL: 5 BEEPS EVERY 7 MINUTES, DEVICE WILL NOT ATTEMPT TO RETRACT.</p> <p>TO RESET: DEPRESS BAR FOR 5 SECONDS AT ANY TIME.</p>
6 BEEPS	PUSH TO SET	DEVICE IS RECORDING IT'S NEW POSITION AND POWER MODE AFTER THE 6TH BEEP.

1. Slide off **push pad assembly** from exit device.



2. Remove Dogging Assembly if present & install (G) **Spacer** over existing holes.



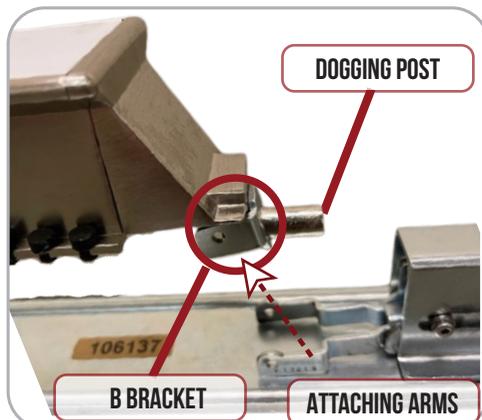
3. Line up **Mounting Holes** on **Motor Kit** with screw holes on **Spacer/Base Rail**.



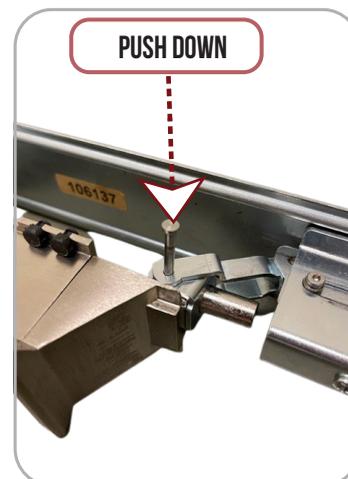
4. Turn full assembly to the side & install (E) **Screws** from underneath to secure motor kit to Base Rail.



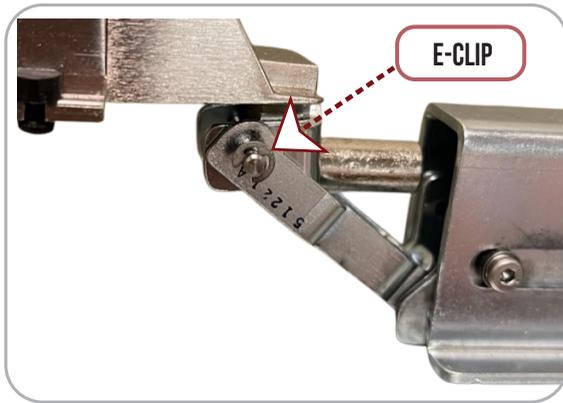
5. Slide the (B) **Connecting Bracket** over the Dogging post at the end of the push pad. Next, move **Attaching Arms** on motor kit up to line up with holes on **B Bracket**.



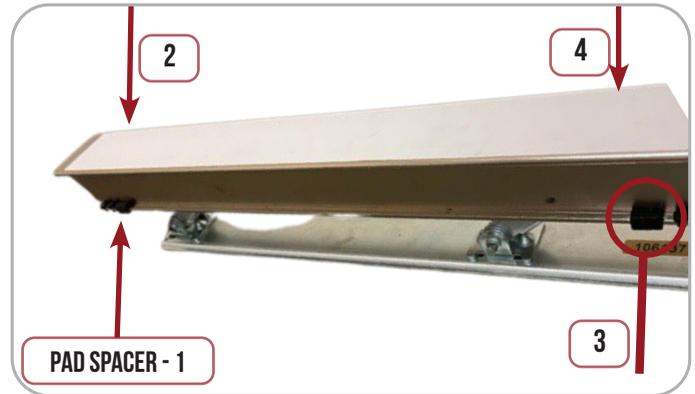
6. Once Attaching Arms are lined up insert (C) **PIN** to connect to (B) bracket.



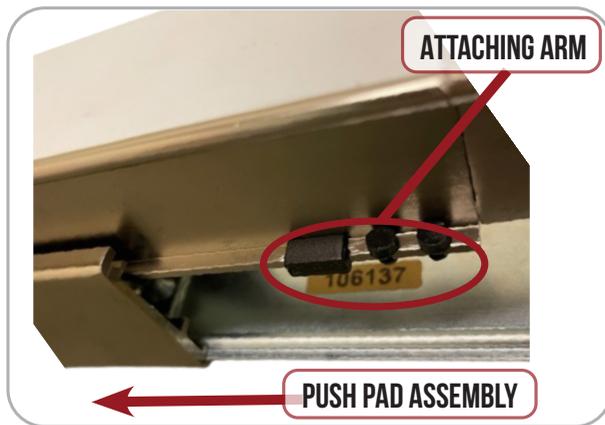
7. Install the (D) **E-CLIP** over the end of the link pin to secure.



8. Swap the existing spacers with the (H) **PAD SPACER** on both sides of push pad next to rubber bumpers to connect to (B) bracket.



9. Re-install the **Push Pad Assembly** into the exit device housing, keeping an eye on the push pad spacer & rubber bumpers.



10. Locate the hole on the underside of the device and line up the hole with the tapped hole in the base rail



11. Locate and install the position set screw (F) **Pan Head Screw**, to secure push pad assembly to housing.



12. Set the "Push to Set Adjustment" following the steps on page 2.



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

INPUT POWER	OFF	OFF
○ ○	2	1
MM4S	ON	ON