

MLRK1-MRK



BHMA
CERTIFIED

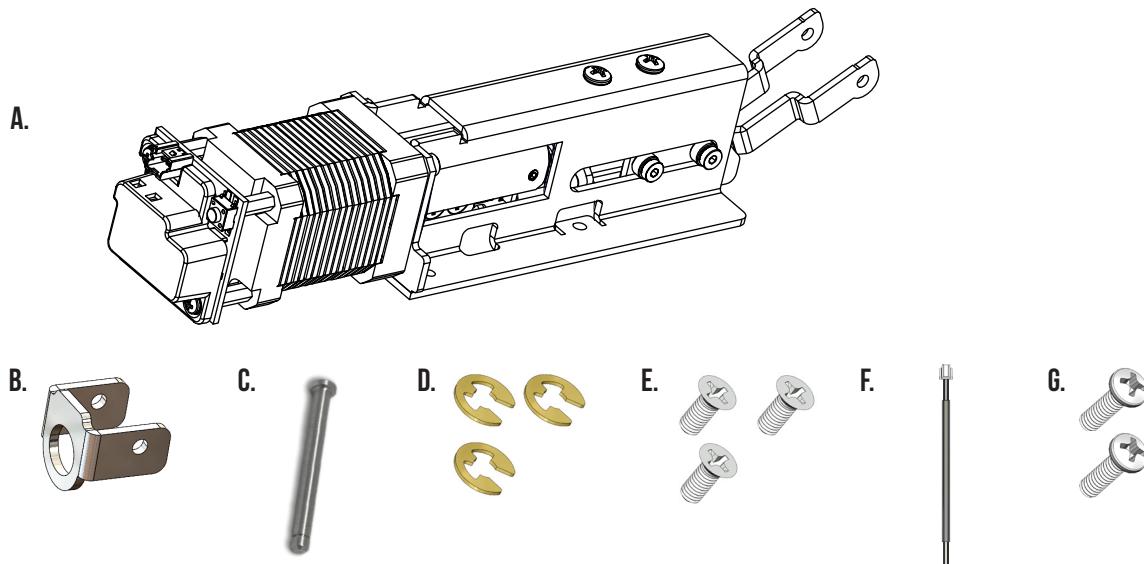
NO HASSLE
WARRANTY



INSERT INSTRUCTIONS

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

- MLRK1-MRK - Marks M9900 series devices
- MLRK1-DH - Design Hardware 1000 series device



KIT INCLUDES

- A. (1) 60412 - MLRK1-MRK
- B. (1) 51222 - CONNECTING BRACKET
- C. (1) 51048 - CONNECTING PIN
- D. (3) 40067 - E-CLIP (2 EXTRA)
- E. (3) 40064 - M4 FLAT HEAD SCREW (1 EXTRA)
- F. (1) 50944 - MOLEX PIGTAIL
- G. (2) 40361 - M2 POSITION SET SCREWS



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

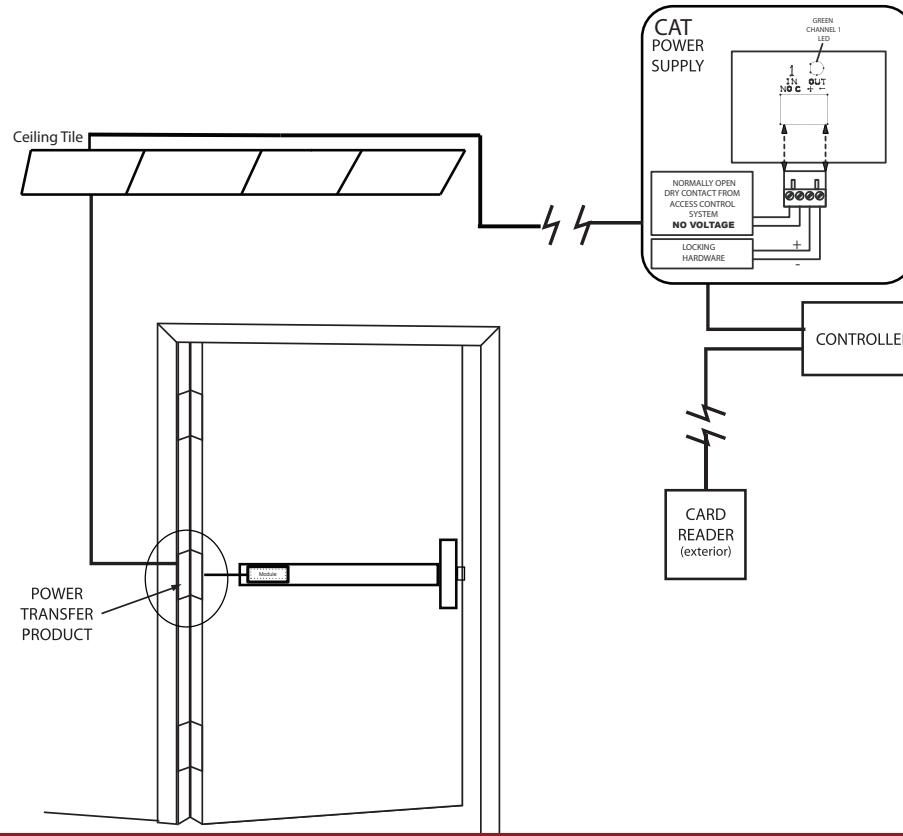
OPTIONAL BUILT-IN REX

- 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.

TECHNICAL INFORMATION



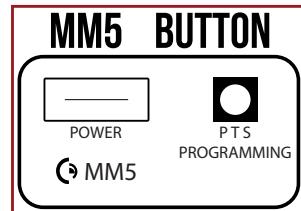
SETTING PUSH TO SET (PTS)

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.

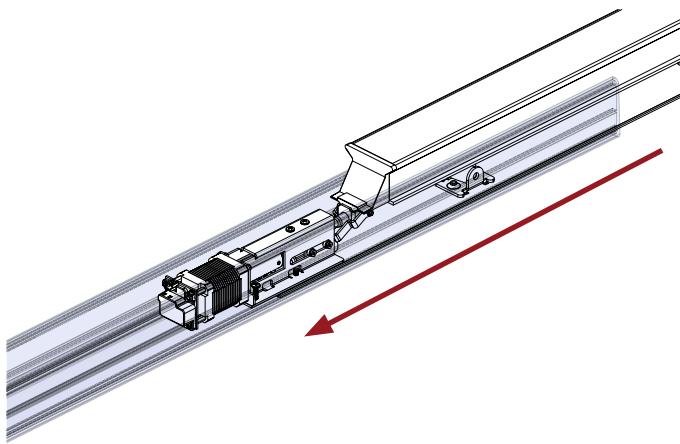


Note: Test the new location multiple times; if not to your liking, repeat the steps.

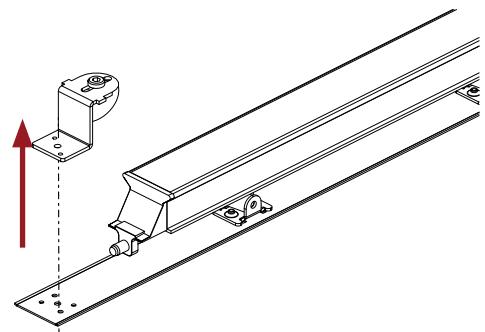
TROUBLESHOOTING & DIAGNOSTICS

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.

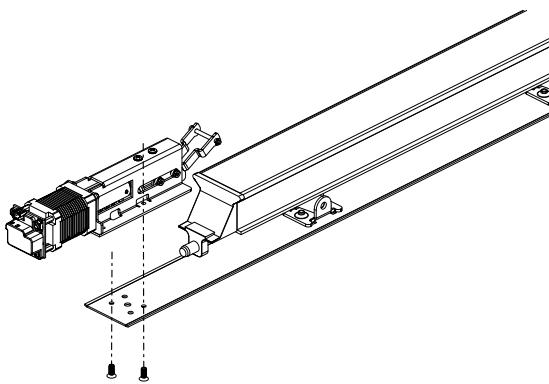
1. Slide off **push pad assembly** from exit device.



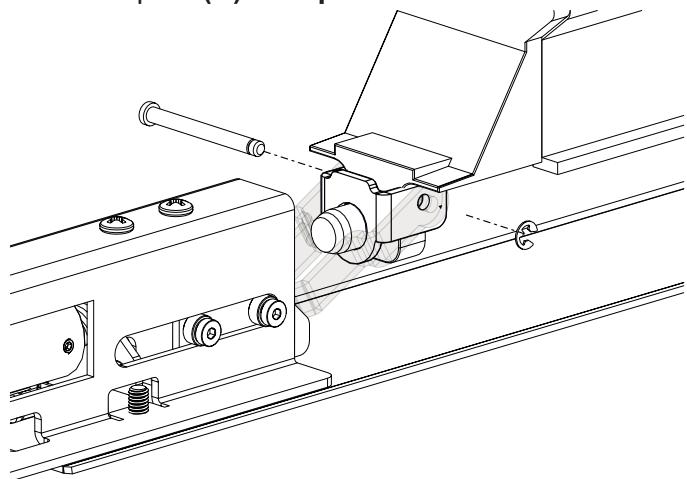
2. Remove existing dogging assembly (if equipped)



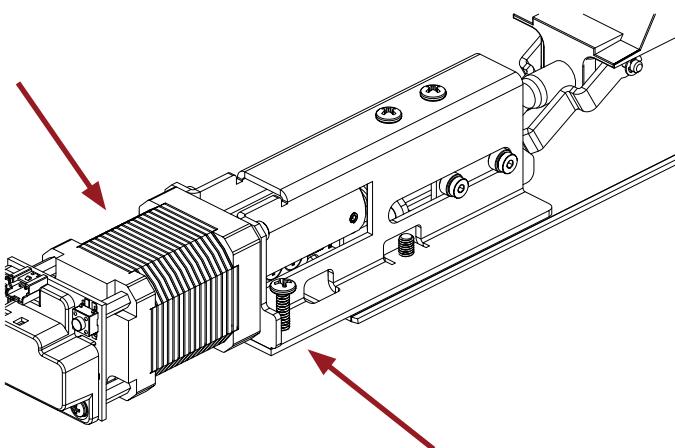
3. Install two (E) screws from underneath the baserail and into the Motor Bracket.



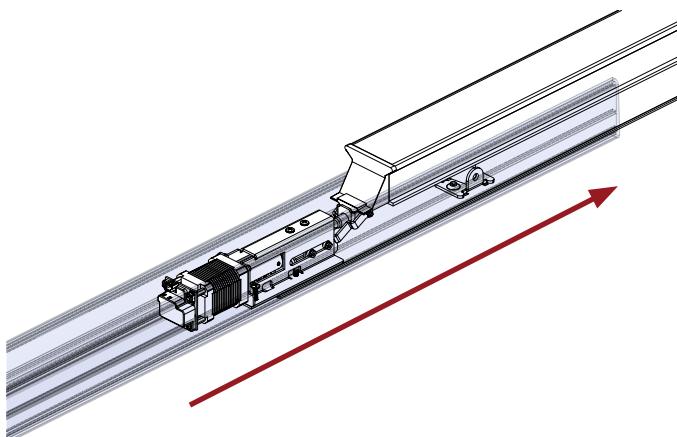
4. Slide the (B) Connecting Bracket over the Dogging post at the end of the push pad. Insert (C) Connecting Pin through connecting bracket and snap on (D) E-Clip.



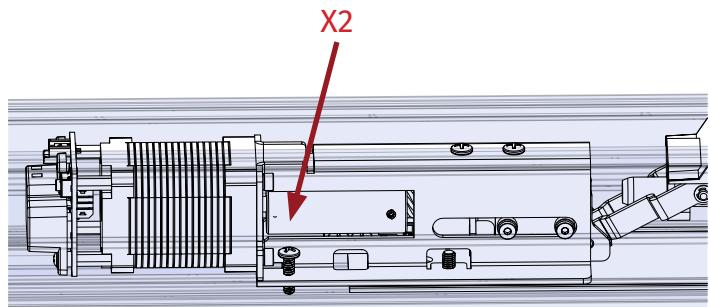
5. Screw in (G) Position Set Screws (2) a few threads until flush with the bottom of the motor bracket.



6. Re-install **Base Rail** into **Housing**.



7. Once in position, securely tighten the two **Position Set Screws**.



8. Set the “Push to Set Adjustment” following the steps on page 2.



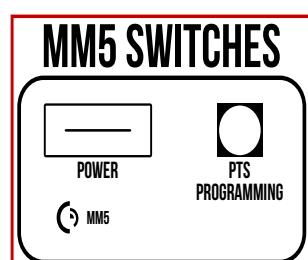
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