

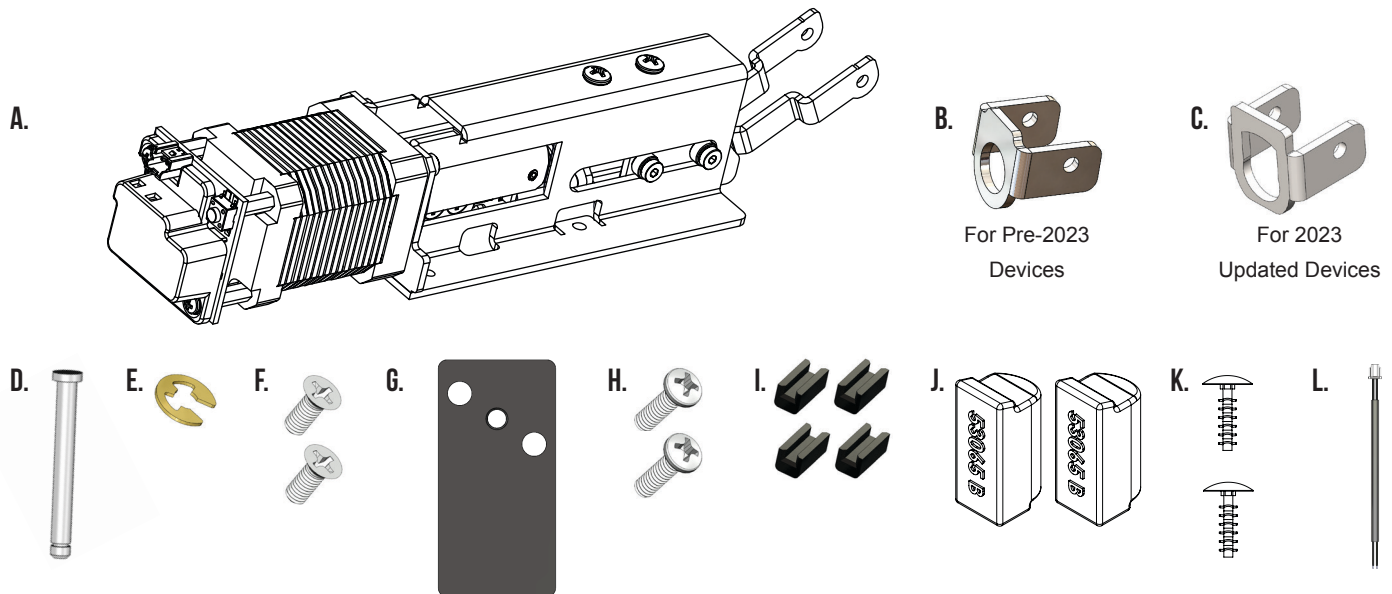
# MLRK1-MRK8



## INSERT INSTRUCTIONS

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

- MLRK1-MRK8 - Marks M8800 series devices



### KIT INCLUDES

- |  |  |
|--|--|
| A. (1) 60728 - MLRK1-MRK8                          | G. (1) 51263 MOTOR MOUNT SPACER                |
| B. (1) 51222 - DOGGING LINK (PRE-2023 UPDATE)      | H. (2) 40361 - 6-32 X 1/2" POSITION SET SCREWS |
| C. (1) 51293 - DOGGING LINK (2023 UPDATED DEVICES) | I. (4) 52084 - PUSH PAD SPACER                 |
| D. (1) 51294 - CONNECTING PIN                      | J. (2) 53065 - SPRING SPACER                   |
| E. (1) 40067 - E-CLIP                              | K. (2) 41187 - PUSH-IN RIVET                   |
| F. (2) 40064 - M4 FLAT HEAD SCREW                  | L. (1) 50944 - MOLEX PIGTAIL                   |



### 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

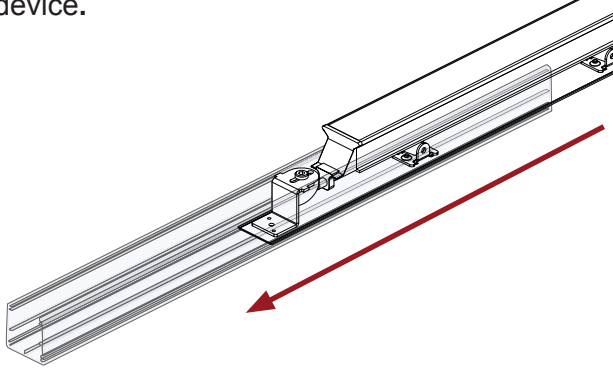
### OPTIONAL BUILT-IN REX

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

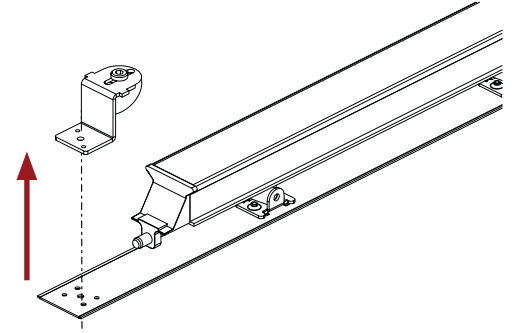
### RECOMMENDED POWER SUPPLIES: USE A POWER LIMITED CLASS 2 POWER SUPPLY

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.

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



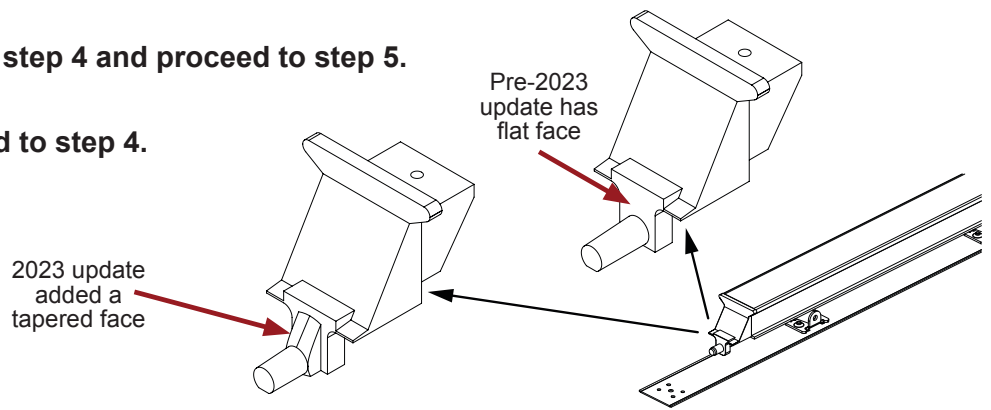
2. Remove existing dogging assembly (if equipped)



3. The M8800 Series device had an update Mid-2023. You can identify the Pre and Post update devices based on the dogging post (flat face = pre-2023 update, tapered face = 2023 update). Identify which series you have and proceed accordingly.

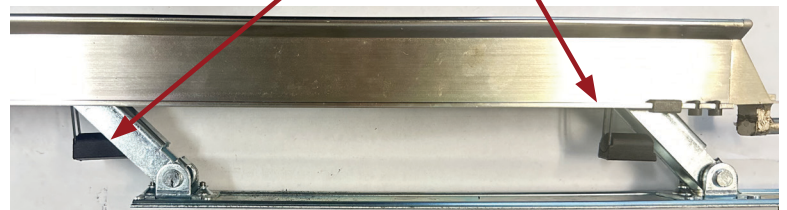
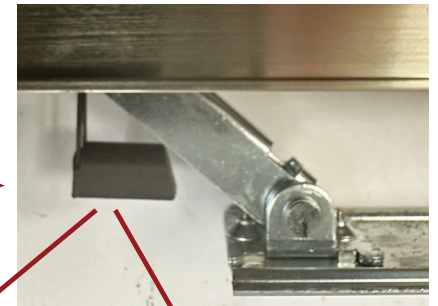
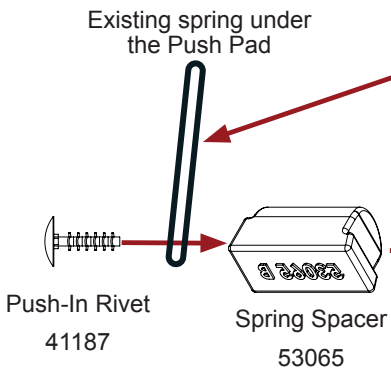
Pre-2023 update devices skip step 4 and proceed to step 5.

2023 updated devices proceed to step 4.

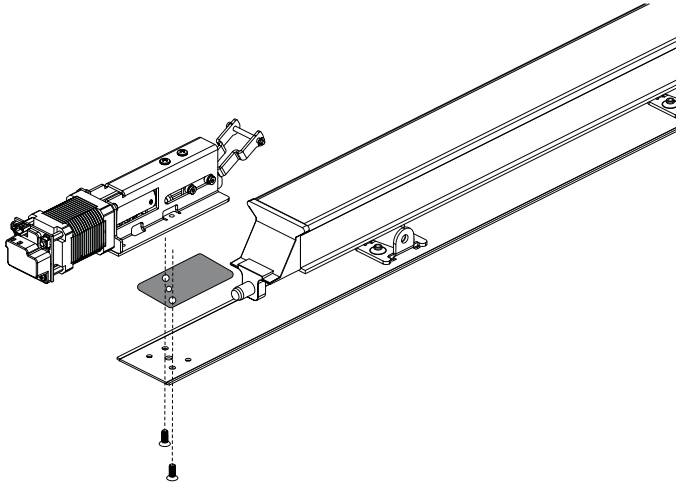


4. **2023 UPDATE DEVICE ONLY** (pre-2023 update devices skip this step)

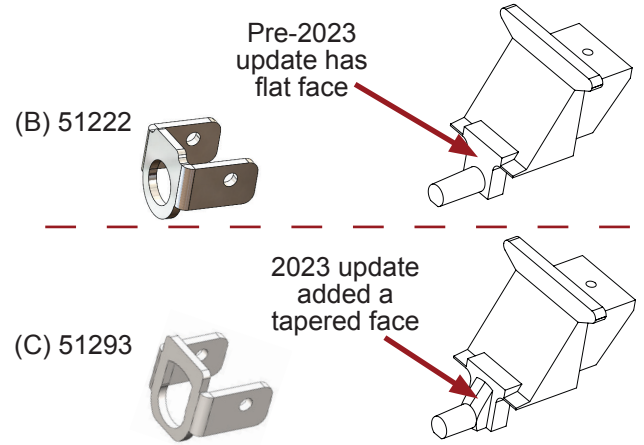
Locate 2 Spring Spacers (J) and 2 Push-In Rivets (K), then install them as shown.



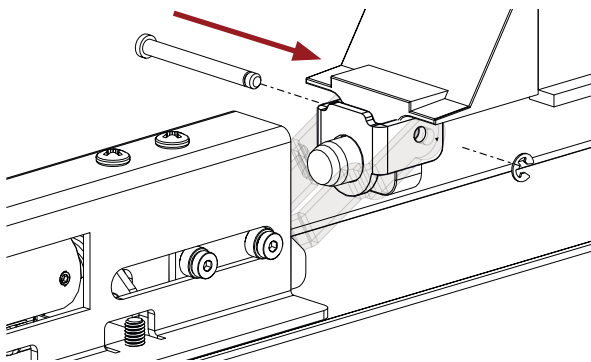
5. Place the Motor Kit Spacer (G) between the baserail and the Motor Kit, then install two flat head screws (F) from underneath the baserail and into the Motor Kit Bracket.



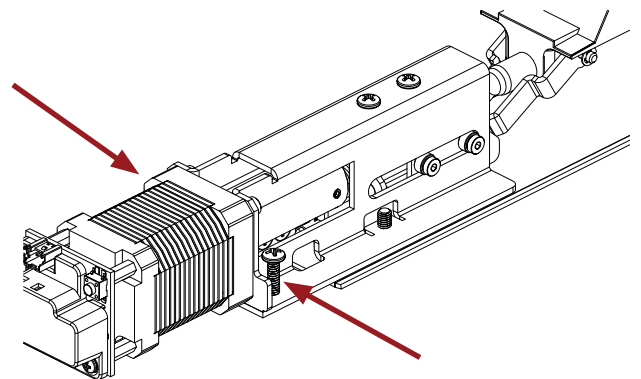
6. Locate the push pad dogging post, determine if you have a Pre-2023 update device or one that has the update, then select the correct Dogging Link.



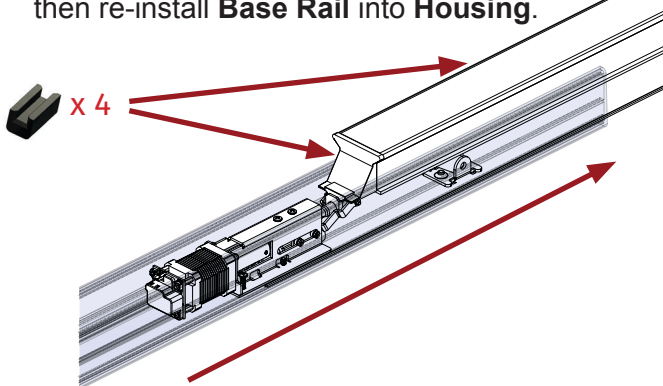
7. Slide the correct Dogging Link over the Dogging post at the end of the push pad. Insert (D) Connecting Pin through the Dogging Link and snap on (E) E-Clip.



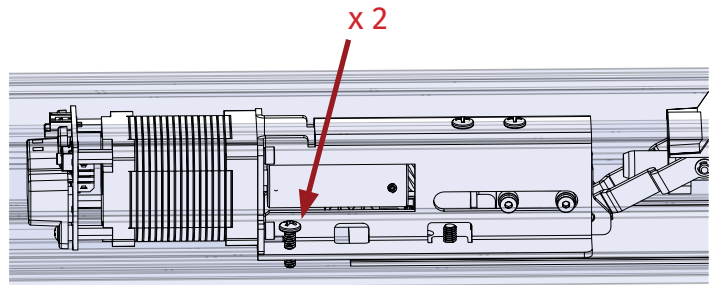
8. Screw in (H) Position Set Screws (2) a few threads until flush with the bottom of the motor bracket.



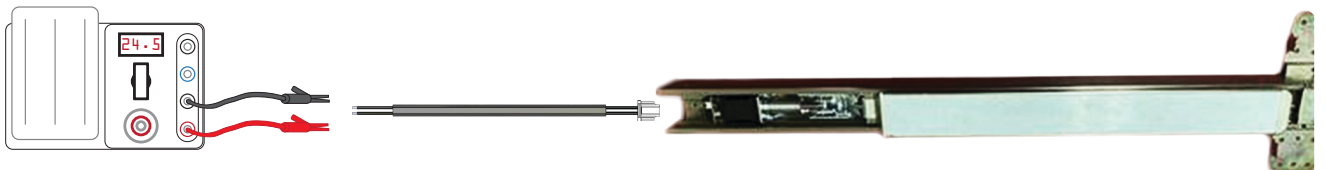
9. Add 4 Push Pad Spacers (I) to the Push Pad, then re-install Base Rail into Housing.

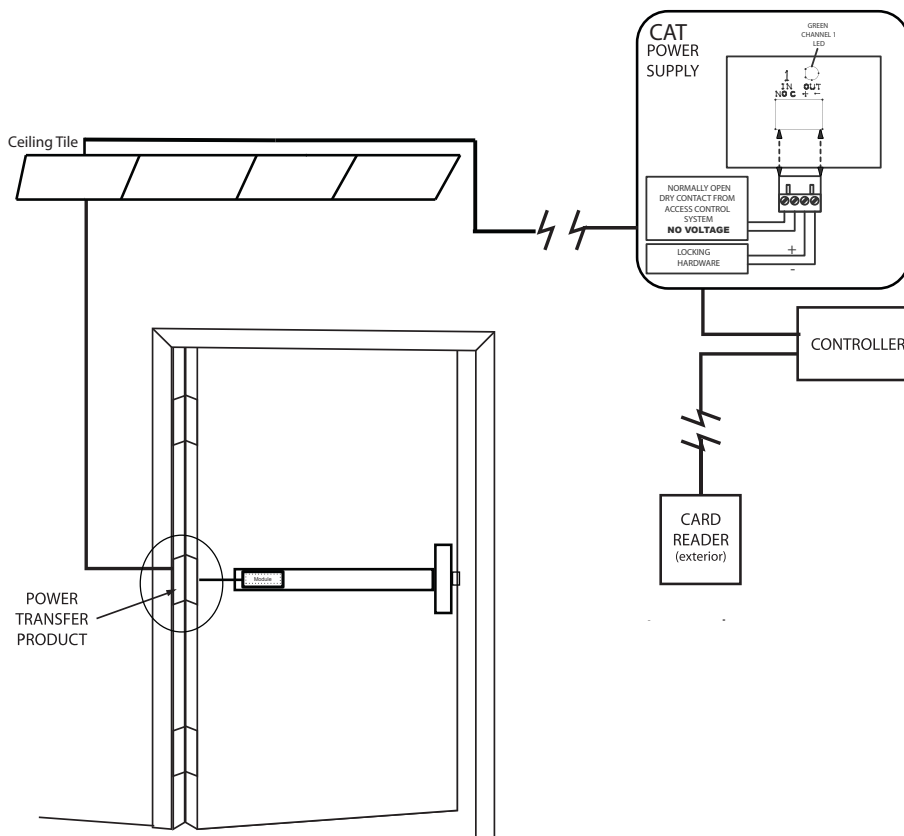


10. Once in position, securely tighten the two Position Set Screws.



11. Test device. If needed, resst the Push to Set positioning following the steps on page 4.

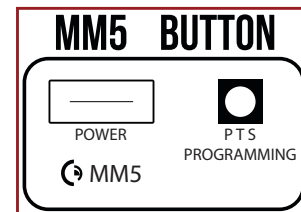




## SETTING PUSH TO SET (PTS)

IF NOT RETRACTING TO THE OPTIMAL POSITION, SET PTS AS FOLLOWS

- STEP 1 -** To enter PTS mode: Depress MM5 button & apply power. The device will emit 1 SHORT beep to signal that it is now in PTS mode.
- STEP 2 -** While holding the push pad 95% depressed, apply power (i.e. presenting the credential to the reader). The Device will emit 1 LONG beep to signal that the PTS position has been set. Adjustment is now complete.
- STEP 3 -** Test the new location. If not to your liking repeat the 3 steps, depressing the push pad more or less to achieve your optimal retraction.



## 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.