

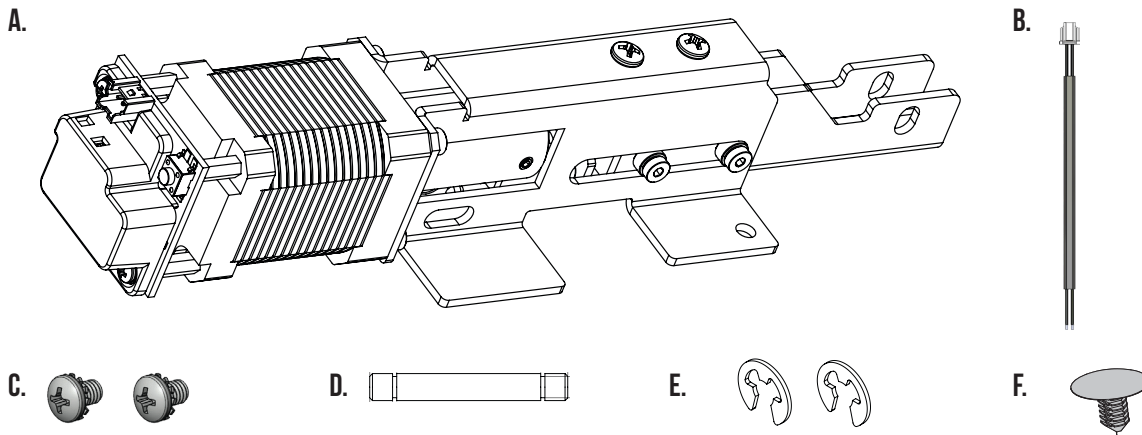
# MLRK1-PDQ63



## INSERT INSTRUCTIONS

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

- MLRK1-PDQ63 - PDQ 6300/6400 Series Devices



## KIT INCLUDES

- |  |   |
|--|---|
| A. (1) 60726 - MLRK1-PDQ63 ASSEMBLY          | D. (1) 52091 - PIN 0.1875" X 1.375"           |
| B. (1) 50944 - MOLEX PIGTAIL                 | E. (2) 40145 - RETAINING CLIP 3/16" (E-STYLE) |
| C. (2) 40002 - PAN HEAD SCREWS (8-32 X 1/4") | F. (1) 40432 - PUSH IN PLASTIC RIVET          |



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

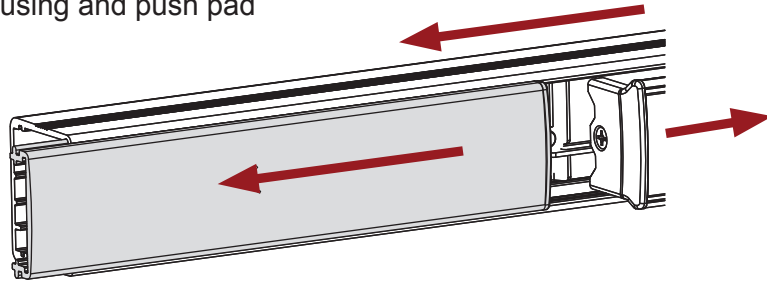
### OPTIONAL BUILT-IN REX

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

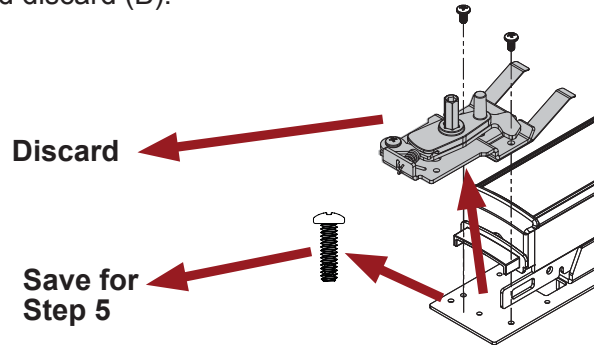
### RECOMMENDED POWER SUPPLIES: USE A POWER LIMITED CLASS 2 POWER SUPPLY

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.

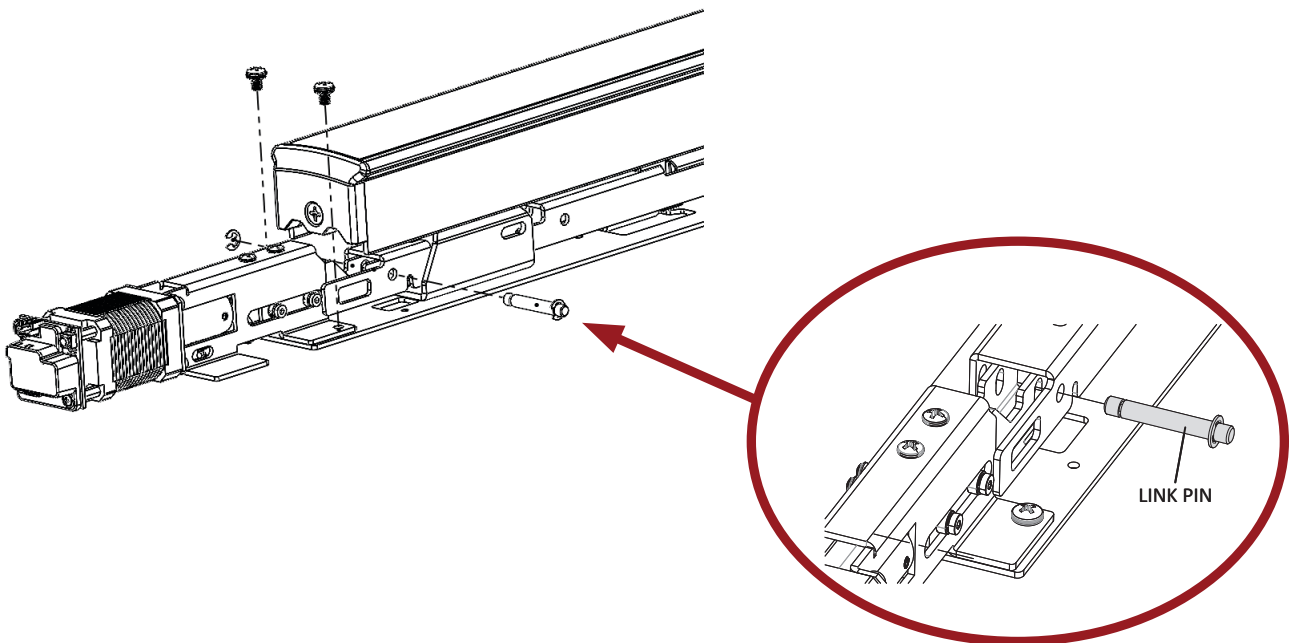
1. Remove filler plate and loosen push pad location set screw, then slide base housing and push pad assembly apart.



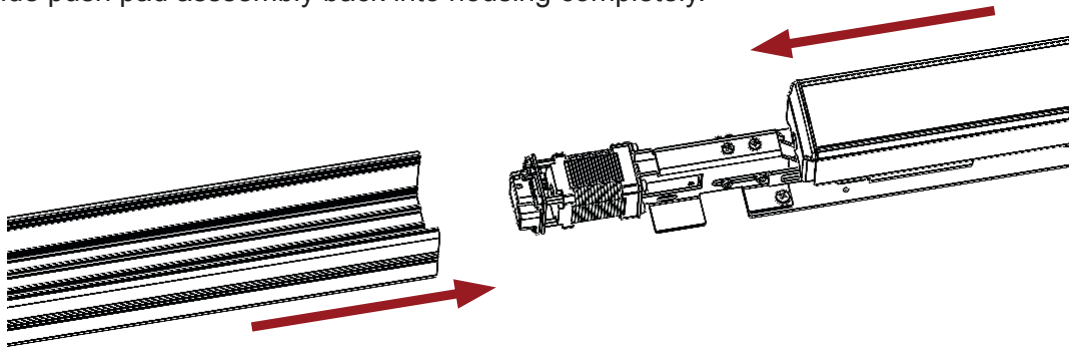
2. Remove push pad location screw (A) and save for re-installation on step 5. If the push pad has a Dogging unit, remove completely and discard (B).



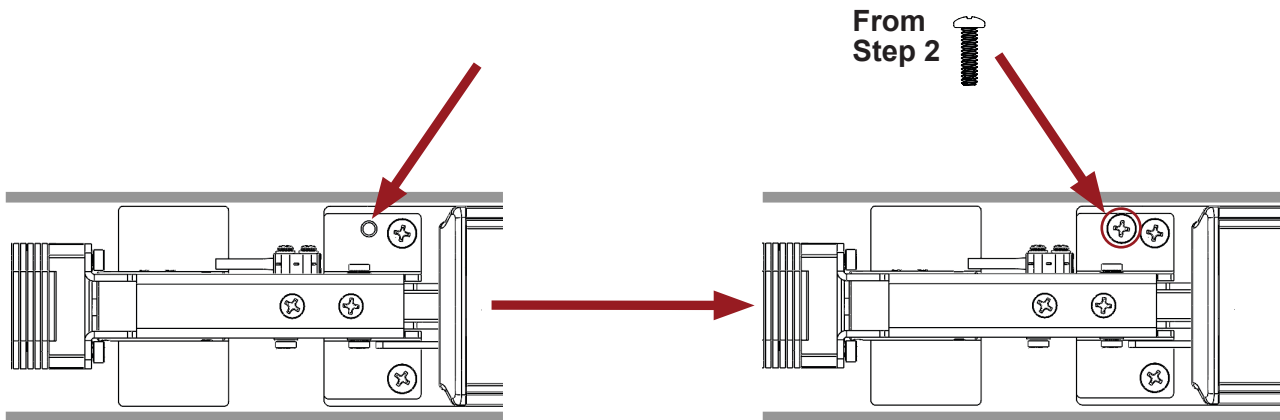
3. Slide front of motor assembly into the back of the push pad. Locate the link pin hole and install the link pin with retaining clips on both sides. Install the motor mount screws and tighten securely.



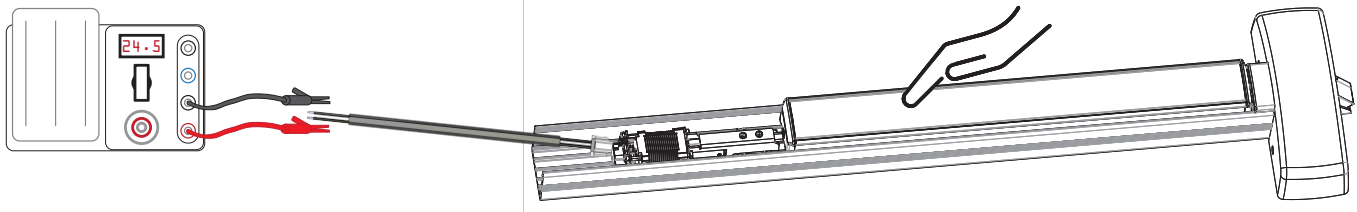
4. Slide push pad assembly back into housing completely.



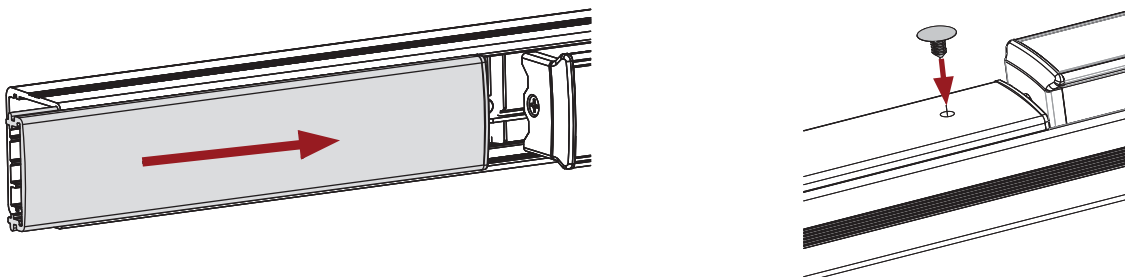
5. Locate position, re-install Push Pad location screw, and tighten securely.

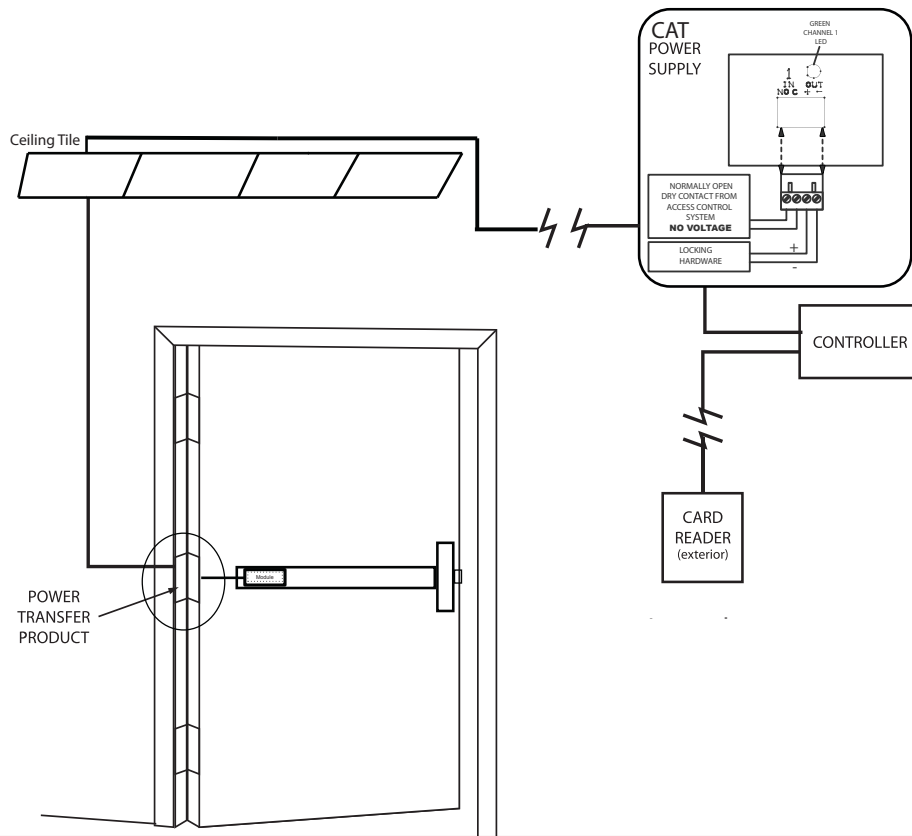


6. Test device. If needed, reset the **Push to Set** positioning following the steps on page 4.



7. Slide filler plate into housing and install plastic push rivet.

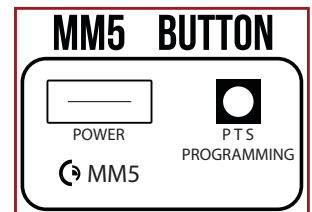




## SETTING PUSH TO SET (PTS)

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

- STEP 1 -** To enter PTS mode: Depress and Hold MM5 button, then apply power (i.e. presenting the credential to the reader). The device will emit 1 SHORT beep to signal that it is now in PTS mode. Release button and power.
- STEP 2 -** While holding the push pad 95% depressed, apply power. The Device will emit 1 LONG beep to signal that the PTS position has been set. Release pad and power. 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.