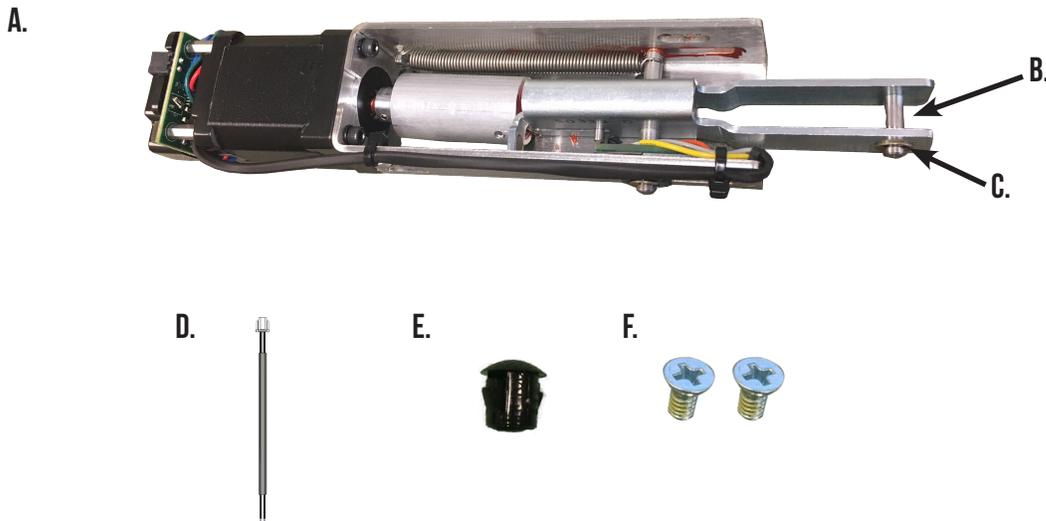


# MLRK 1

## INSERT INSTRUCTIONS

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

- MLRK1-CAT25 - Command Access PD26 series devices
- MLRK1-CAL77 - Cal Royal 77 series devices



## KIT INCLUDES

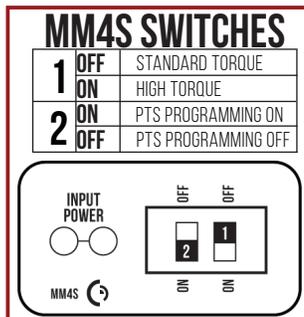
- A. 1 - Motor Mount w/ MM4S series module
- B. 1 - #50326 Link Pin
- C. 2 - #40145 Retaining Ring
- D. 1 - #50944 Molex Pigtail
- E. 1 - #40144 Dogging Hole Cap
- F. 2 - #40333 Phillips Head Screw

## TOOLS REQUIRED

- Cordless Drill
- Phillips head screwdriver

# TECHNICAL INFORMATION

## 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: 900 mA  
Average Holding Current: 215 mA

**HIGH TORQUE MODE**  
Average Latch Retraction Current: 2 Amp  
Average Holding Current: 250 mA

## SETTING PTS

**\*\*IMPORTANT INFO\*\***

**MAKE SURE TO SET PTS BEFORE FINISHING INSTALLATION**

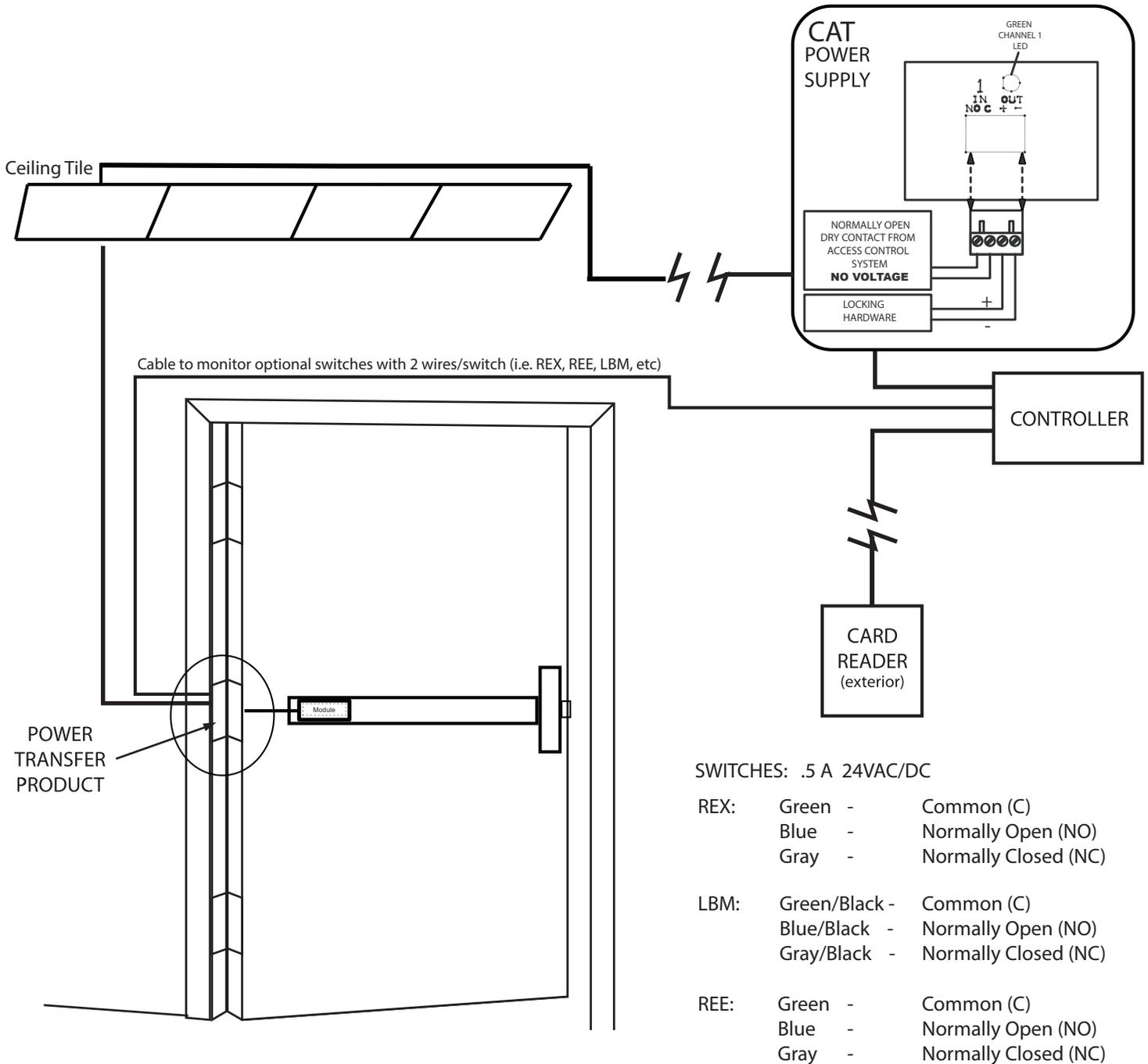
- STEP 1-** Select your preferred torque mode (ships in standard torque) Press the device push pad to the desired setting. (Recommend to fully depress and release 5%, giving the device room for changing door conditions.)
- STEP 2-** While depressing the push pad, apply power. (i.e. presenting the credential 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.

## 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	<b>PUSH TO SET</b>	Device is recording it's new position and power mode after the 6th beep.

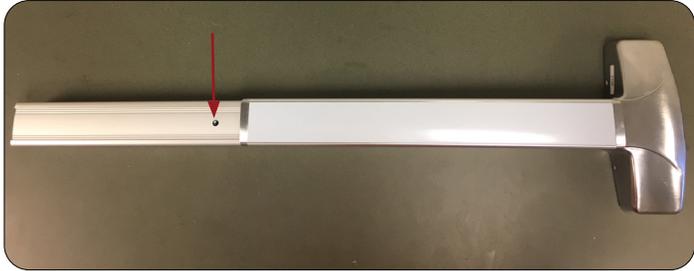
# ELECTRIFIED EXIT DEVICE

## INSTALLATION EXAMPLE



# INSTALLATION INSTRUCTIONS

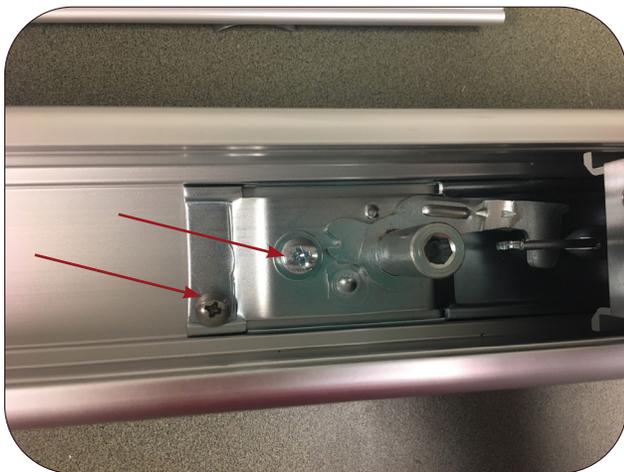
- 1.** Un-dog push pad with dogging key found in box.



- 2.** Once loose, slide off back filler plate exposing dogging.



- 3.** Loosen screws (2) and remove dogging bracket.



- 4.** Once removed, slide push pad assembly out the back of the device.

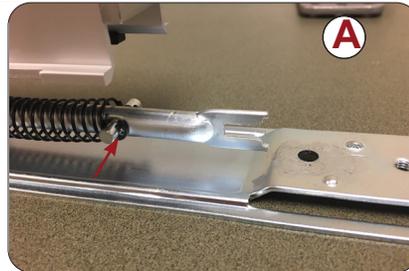


- 5.** When top push pad is removed, flip the device over and remove dogging screw.

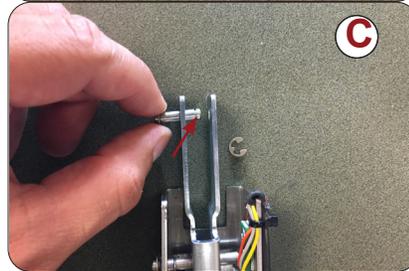


# INSTALLATION INSTRUCTIONS

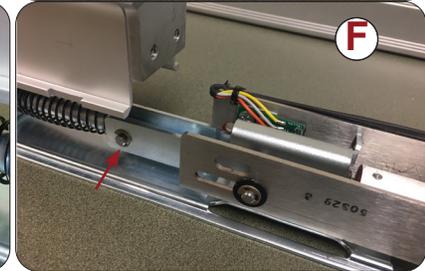
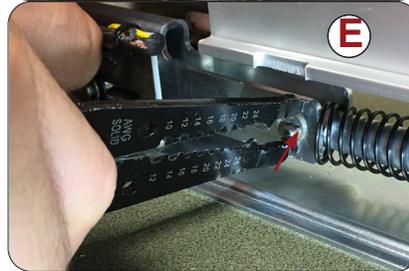
- 6.** Remove roll pin from back of connecting rod by detaching “C” clip from either side.(A) Remove pin completely. (B)



- 7.** Remove roll pin from kit (C) and line up holes with device holes. (D)



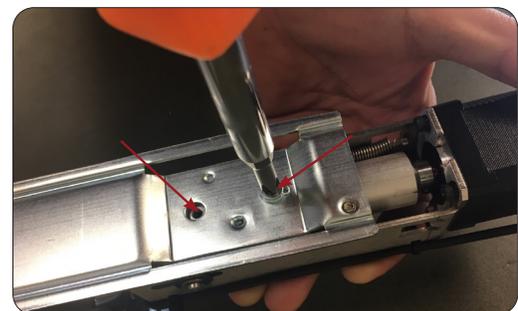
- 8.** Push roll pin through kit and device holes and attach “C” clips. (E) Once attached, motor should be secure. (F)



- 9.** Once the kit is secure with the pin, lift up and insert back screw into the bottom dogging hole. Do not tighten until device is assembled.

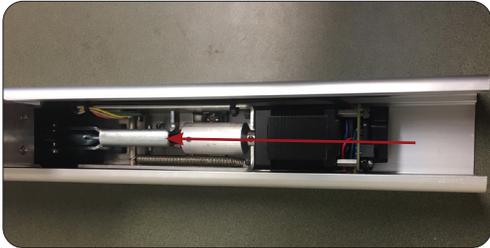


- 10.** Once kit is connected, flip device over and put screws back in dogging holes.

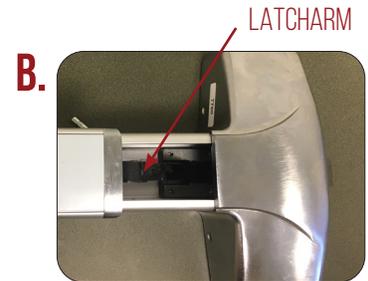


# INSTALLATION INSTRUCTIONS

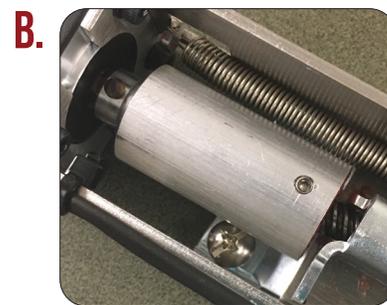
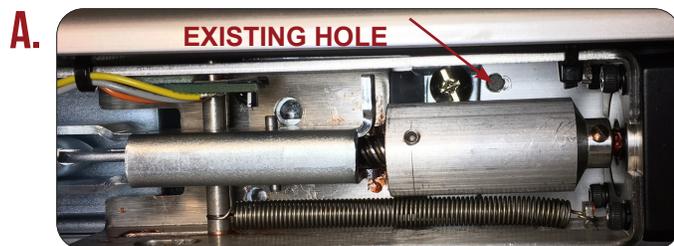
**11.** Flip back over and slide push pad with motor back into exit device.



**12.** Push all the way to the front of device (A) and push latcharm under top of pad. (B)



**13.** Once push pad is back inside device and the screw lines up with existing hole, (A) tighten back screw to hold motor in place.(B)



**14.** Slide filler plate back into place. Connect to power supply to test and set PTS position using the instructions below, remembering to turn the Programming Switch to the off position when completed.



## SETTING PTS

- 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 three steps.
- STEP 4-** Once you found the correct location, flip the dip switches to off to lock programming.

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