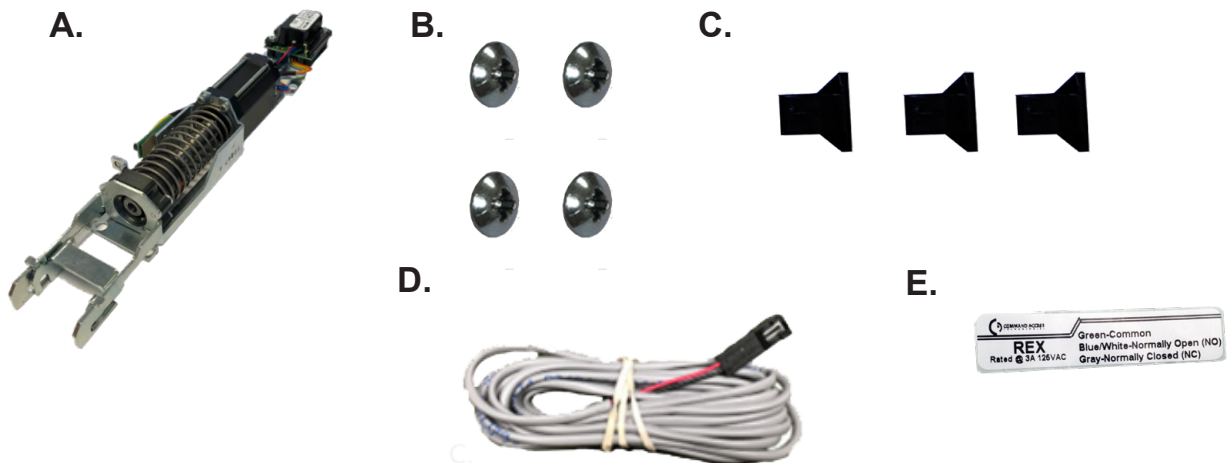


MLRK 1

INSERT INSTRUCTIONS

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

- MLRK1-AREX - Adams Rite EX series devices



KIT INCLUDES | TOOLS REQUIRED

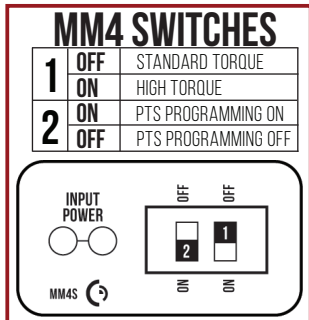
- A. Motor Kit
- B. 4 - Phillips Head Screws
- C. 3 - Wire clips
- D. 1 - 8' Lead
- E. Optional REX (if ordered)

- Cordless Drill or Phillips Screwdriver
- Power Source



INSTALLATION VIDEO

SPECIFICATIONS



POWER

- Input Voltage: 24VDC +/- 10%
- Wire gauge: Minimum 18 gauge
- Direct wire run - no relays or access control units in-between power supply & module

Request to Exit

- Single Pole - Double Throw (SPDT)
- Rating: .5A @24VAC
- Configuration: Green - Common (C)
Blue - Normally Open (NO)
Gray - Normally Closed (NC)

Standard Torque Mode

Average Latch Retraction Current: 1.3 A
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

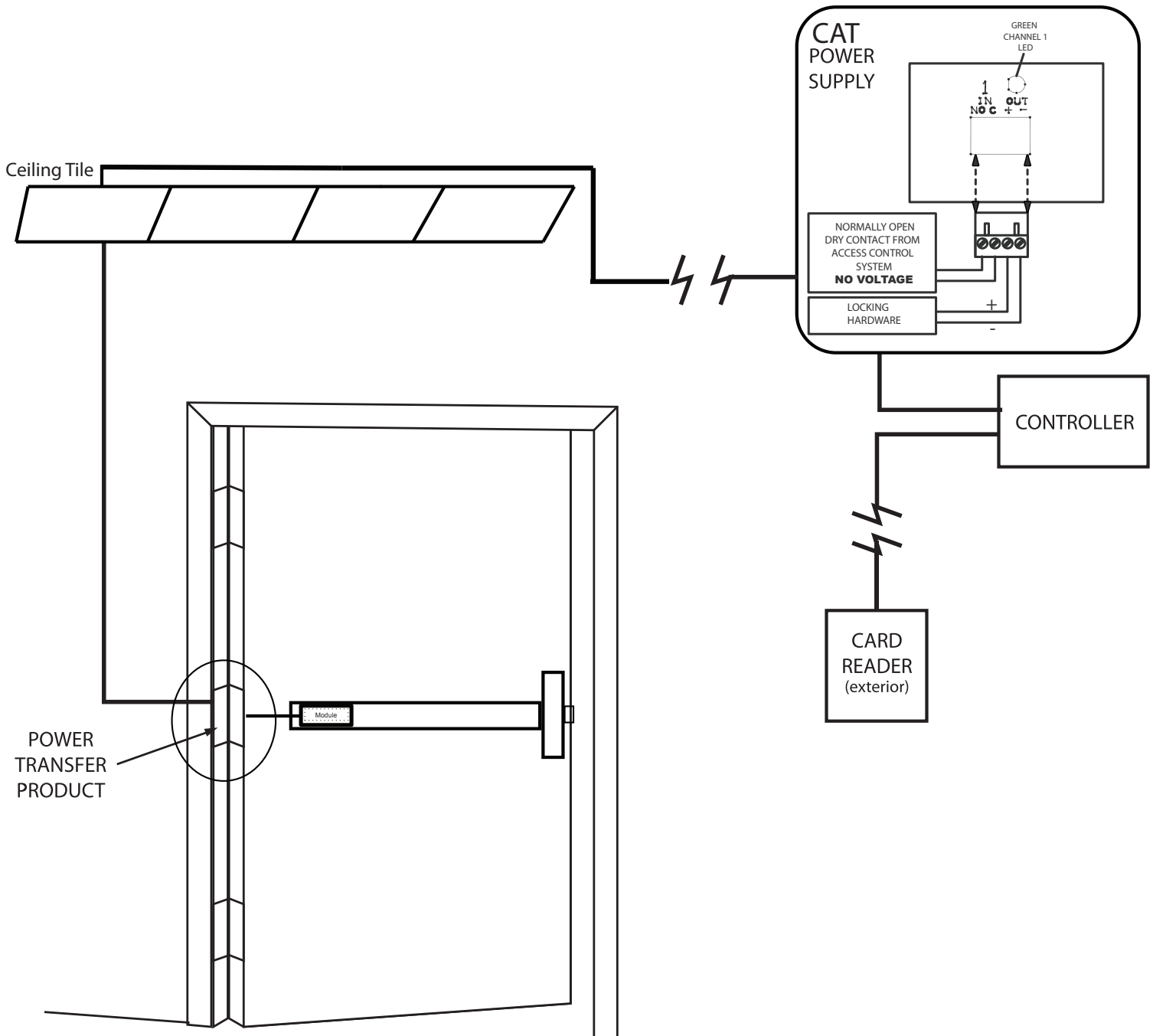
- Step 1-** Select your preferred torque mode (ships in standard torque) Press the device push pad to the desired setting. (Recommend to fully depress and release 5%, giving the device room for changing door conditions.)
- Step 2-** While depressing the push pad, apply power. (i.e. presenting the credential 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	PUSH TO SET	Device is recording it's new position and power mode after the 6th beep.

Electrified Exit Device

Installation Example

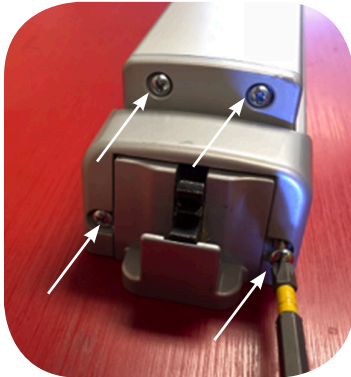


Recommended Power Supplies:

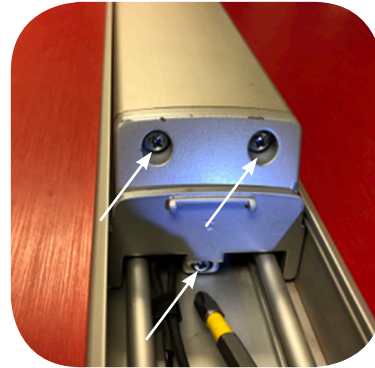
All Command Access exit devices & field installable kits have been thoroughly cycle tested with Command Access power supplies at our factory.



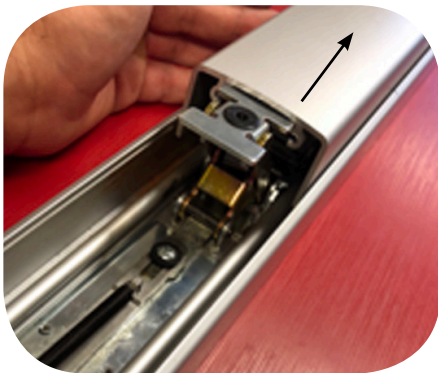
1. Remove head cover & front push pad end cap.



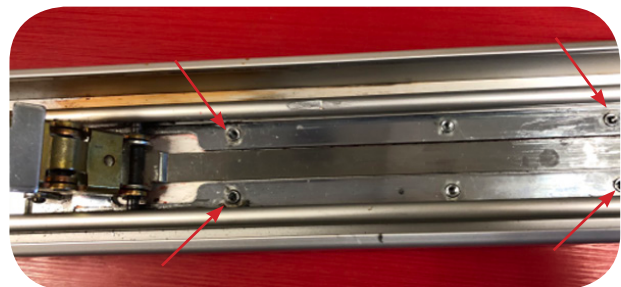
2. Remove both back push pad end caps



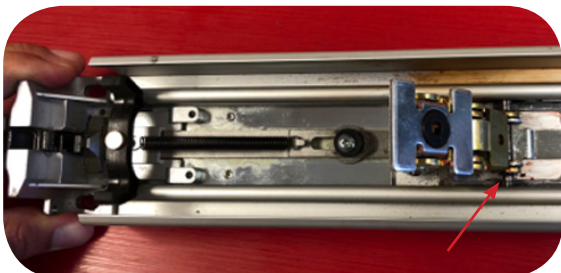
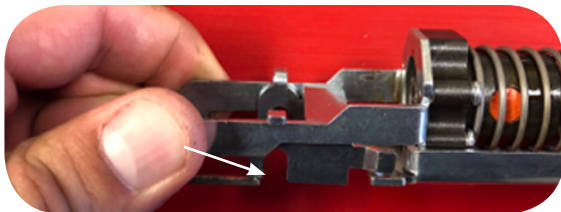
3. Slide off push pad



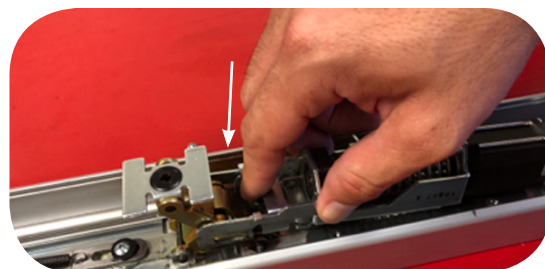
4. Remove dogging if present. Motor kit will line up with existing front & back screw holes & hooks onto the front activating bracket.



5. Grab motor kit make sure magnet bracket is all the way back. The hooks will be open to drop over activating bracket pin.

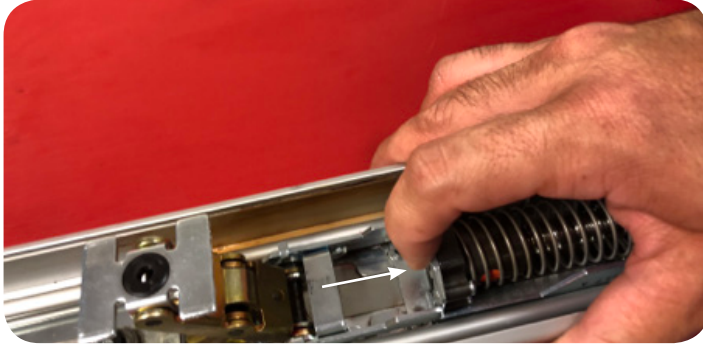


6. Install front of the motor kit with the hooks dropping over roll pin.

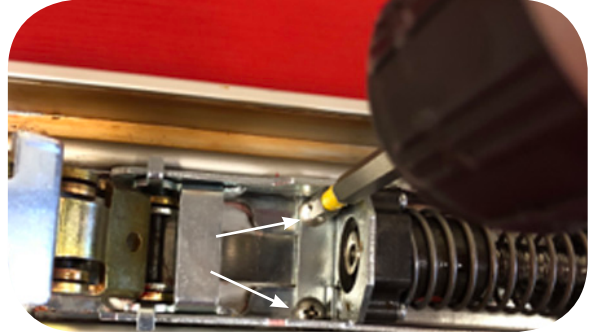


Installation Instructions

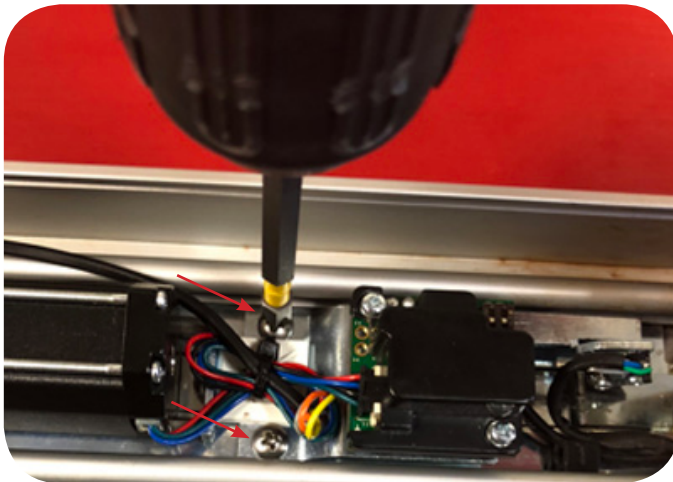
- 7.** Once the kit is on the roll pin pull back to look them into place.



- 8.** Line up front set of screw holes with existing holes & install (2) screws provided.



- 9.** Line up back set of screw holes with existing holes & install (2) screws provided;



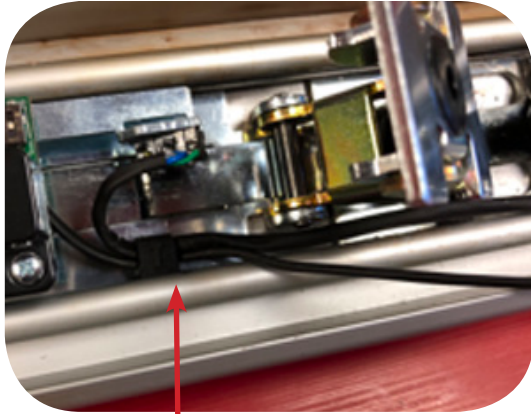
- 10.** Hook up to power to test motor before re-assembling device.



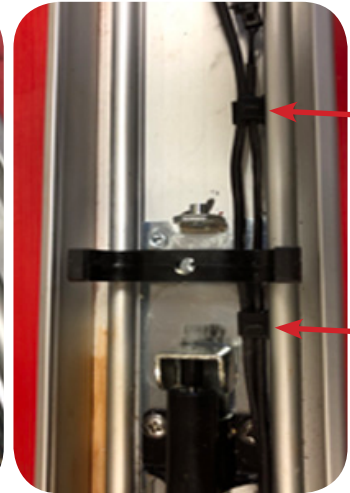
- 11.** Attach Cable guides by pressing them into middle channel. Side marked T should face up.



12. Attach the cable guides and then press wires into guides.



Cable Guide 1



Cable Guide 3

Cable Guide 2

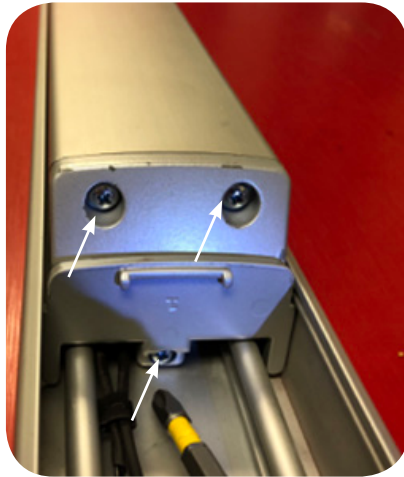
13. Slide the pushpad back onto the device



14. Re-install the both front end caps.



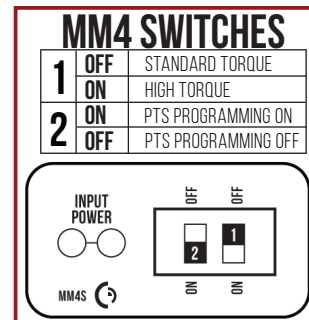
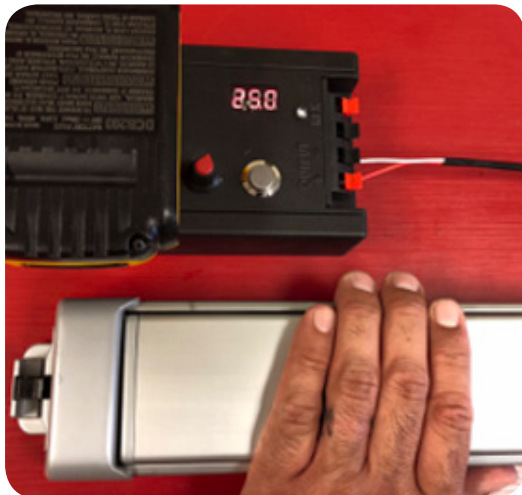
15. Re-install both back activating brackets.



16. If you have the REX, add sticky pad with zip tie as a strain relief.



17. Next, hook up to power and set the Push-to-Set adjustment, remembering to turn the Programming Switch to the off position when completed.



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.