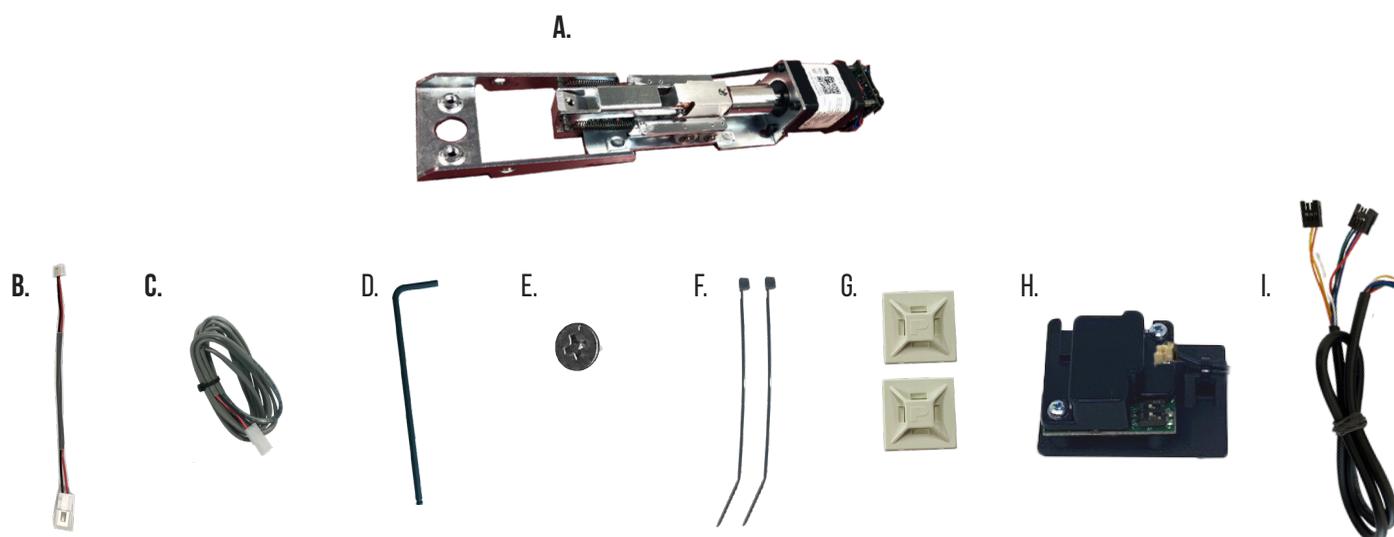


MLRK 1-DRX

INSERT INSTRUCTIONS

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

- MRLK1-DRX - Dorex 9500 series devices



KIT INCLUDES

- | | |
|---------------------------------------|--|
| A. 1- MOTOR MOUNT | F. 2- 40060 - CABLE TIE |
| B. 1- 50944 - MOLEX PIGTAIL | G. 2- 40059 - MOUNTING PAD |
| C. 1- 50030 - 6' LEAD W/ VD CONNECTOR | H. 1- 60368/51186 - REMOTE MM4S MODULE |
| D. 1- 10017 5/64" ALLEN WRENCH | I. 1- 50741 - REMOTE MODULE CABLE |
| E. 2- 40064 - PHILLIPS SCREWS | |



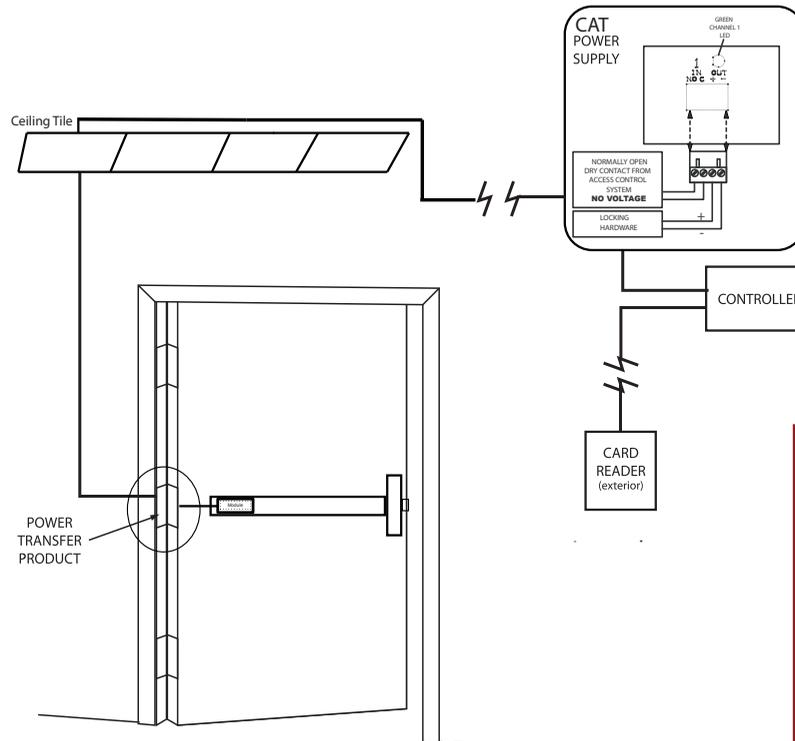
INSTALLATION VIDEO

SPECIFICATIONS

- INPUT VOLTAGE: 24VDC +/- 10%
- AVERAGE **LOW** TORQUE LATCH RETRACTION CURRENT: 900 MA
- AVERAGE **HIGH** TORQUE LATCH RETRACTION CURRENT: 2A
- AVERAGE HOLDING CURRENT: 215 MA
- WIRE GAUGE: MINIMUM 18 GAUGE
- DIRECT WIRE RUN - NO RELAYS OR ACCESS CONTROL UNITS IN-BETWEEN POWER SUPPLY & MODULE

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.



MM4S SWITCHES

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

INPUT POWER

MM4S

SETTING PTS

IMPORTANT INFO

MAKE SURE TO SET PTS BEFORE FINISHING INSTALLATION

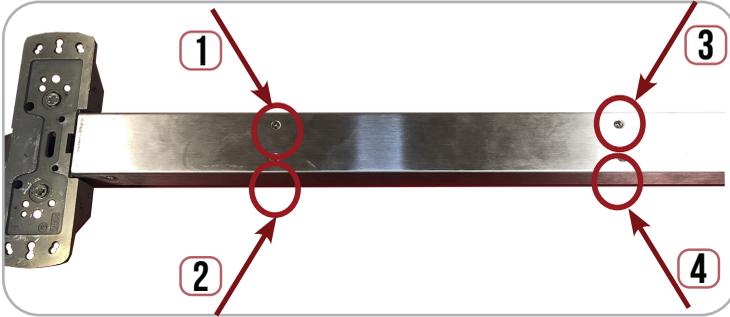
- STEP 1-** SELECT YOUR PREFERRED TORQUE MODE (SHIPS IN STANDARD TORQUE) PRESS THE DEVICE PUSH PAD TO THE DESIRED SETTING. (RECOMMEND TO FULLY DEPRESS AND RELEASE 5%, GIVING THE DEVICE ROOM FOR CHANGING DOOR CONDITIONS.)
- STEP 2-** WHILE DEPRESSING THE PUSH PAD, APPLY POWER. (I.E. PRESENTING THE CREDENTIAL 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

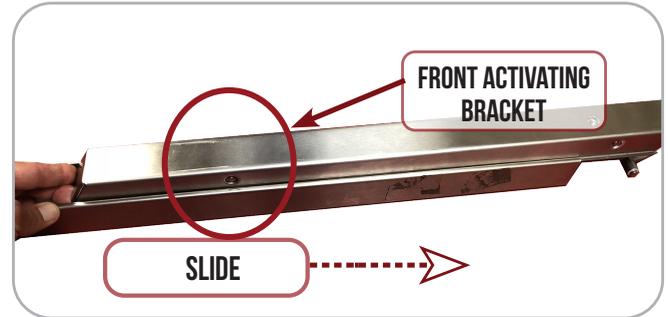
BEEPS	EXPLANATION	SOLUTION
2 BEEPS	OVER VOLTAGE	> 30V UNIT WILL SHUT DOWN. CHECK VOLTAGE & ADJUST TO 24 V.
3 BEEPS	UNDER VOLTAGE	< 20V UNIT WILL SHUT DOWN. CHECK VOLTAGE & ADJUST TO 24 V.
4 BEEPS	FAILED SENSOR	VERIFY ALL 3 SENSOR WIRES ARE INSTALLED CORRECTLY. REPLACE SENSOR IF PROBLEM PERSISTS BY CONTACTING OFFICE.
5 BEEPS	RETRACTION OR DOGGING FAILURE	<p>AFTER 1ST FAIL: 5 BEEPS THEN IMMEDIATELY ATTEMPTS TO RETRACT AGAIN.</p> <p>AFTER 2ND FAIL: 5 BEEPS WITH PAUSE IN-BETWEEN FOR 30 SECONDS THEN DEVICE ATTEMPTS TO RETRACT AGAIN.</p> <p>AFTER 3RD FAIL: 5 BEEPS EVERY 7 MINUTES, DEVICE WILL NOT ATTEMPT TO RETRACT.</p> <p style="text-align: center;">TO RESET: DEPRESS BAR FOR 5 SECONDS AT ANY TIME.</p>
6 BEEPS	PUSH TO SET	DEVICE IS RECORDING IT'S NEW POSITION AND POWER MODE AFTER THE 6TH BEEP.

INSTALLATION INSTRUCTIONS

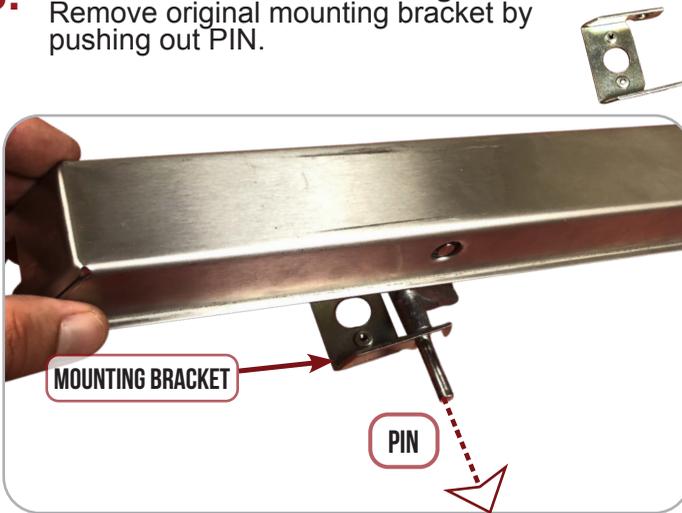
- 1.** Flip over device & **remove (4) screws** securing push pad assembly to housing.



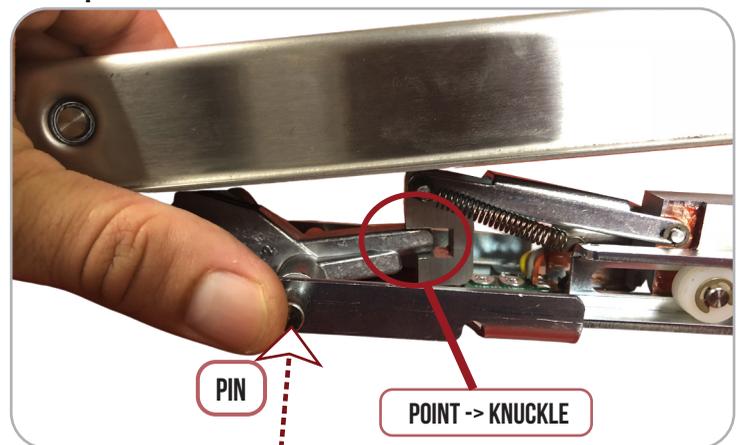
- 2.** Slide Push Pad off Exit Device Housing.



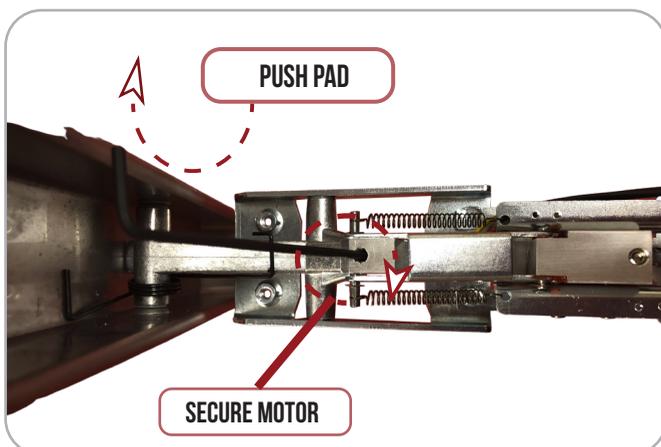
- 3.** Locate the **FRONT** Activating Bracket. Remove original mounting bracket by pushing out PIN.



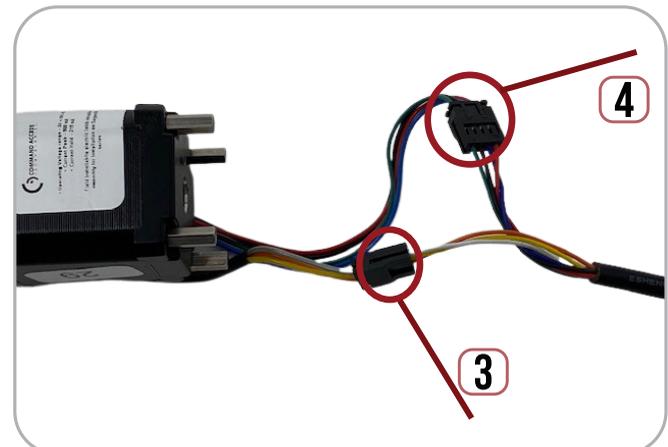
- 4.** Install Point of Front Activating bracket into opening of motor's attaching knuckle. Depress activating bracket until the holes on the activating bracket & motor mount line up. **Re-install factory pin.**



- 5.** Lift up Push Pad to 90 degrees & using the **Allen Wrench** to **secure knuckle** to front activating bracket.

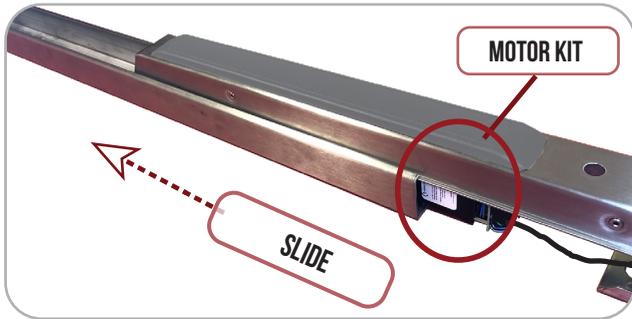


- 6.** **Connect MM4S Cable** to back of motor's (3) Pin & (4) Pin connectors.

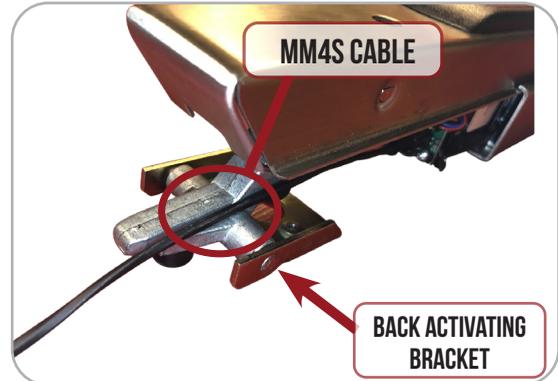


INSTALLATION INSTRUCTIONS

- 7. Slide Push Pad & Motor Kit** back into housing. Be cautious of MM4S cable wires.



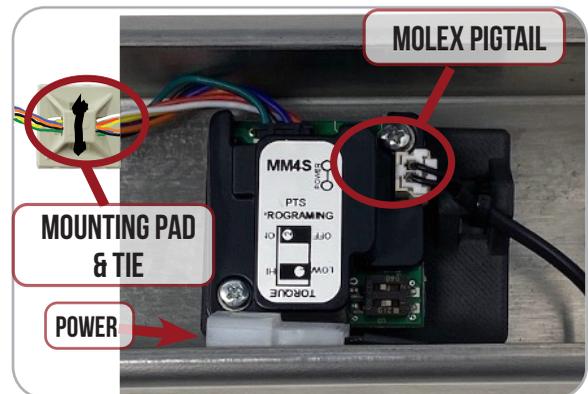
- 8. Flip** Baserail/Pushpad over, holding motor kit in place so it stays attached. **Secure** Motor Kit with (2) M4 Screw provided.



- 9. Plug-in cable's** (4) Pin TOP port & (3) Pin BOTTOM port into MM4S ports.



- 10.** Using double sided tape, **secure MM4S** to inside of the back of exit device housing. Connect Molex Pigtail. **Add Mounting Pad & cable tie** to secure cable wires.



- 11.** Set the "Push to Set Adjustment" following the steps below.



SETTING PUSH TO SET (PTS)

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

INPUT POWER	OFF	OFF
MM4S	ON	ON

- 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.)
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