MRLK1

INSERT INSTRUCTIONS

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

- MLRK1-SGT - Sargent 80 series devices
- MLRK1-ARW - Arrow 1000, 3000 & 4000 series devices

A. 

B. 

C. 

KIT INCLUDES

A. 1- Motor Mount w/ MM4S series module
B. 4- 40801 Phillips head screws
C. 1- 50436 8' Power Lead

TOOLS REQUIRED

Cordless Drill
#2 Phillips head screwdriver

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

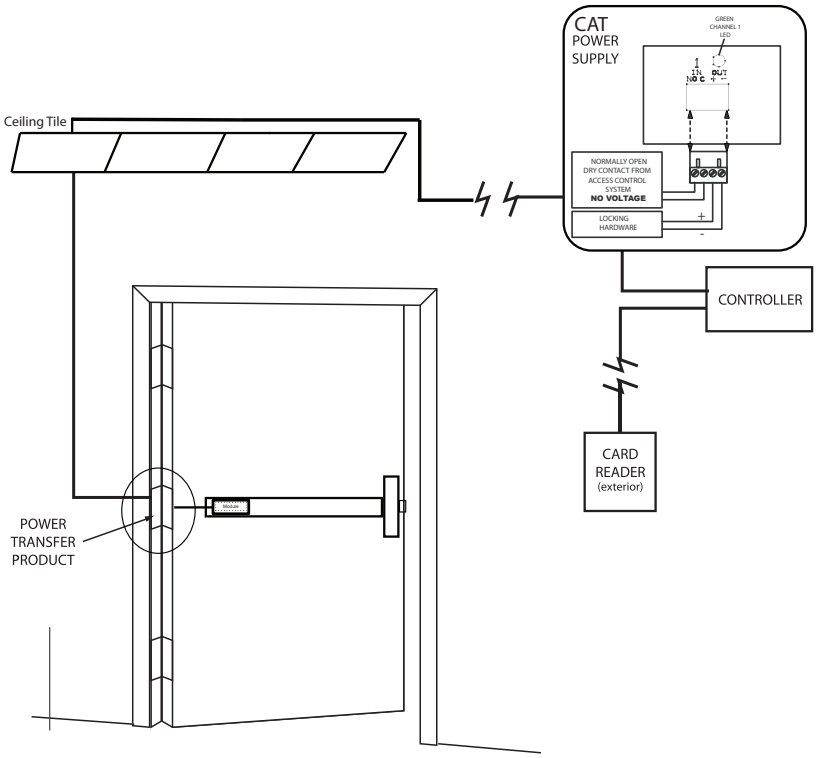
HIGH TORQUE MODE

Average Latch Retraction Current: 2 Amp
Average Holding Current: 250 mA

RECOMMENDED POWER SUPPLIES:

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.

TECHNICAL INFORMATION



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SETTING PTS

****IMPORTANT INFO****

MAKE SURE TO SET PTS BEFORE FINISHING INSTALLATION

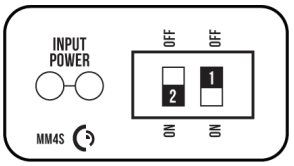
STEP 1 - Select your preferred torque mode (ships in standard torque). Press the device push pad to the desired setting. (We recommend to fully depress and release 5%, giving the device room for changing door conditions.)

STEP 2 - While depressing the push pad, apply power. (i.e. presenting the credential to the reader).

STEP 3 - Continue to keep the pad depressed, the device will beep 6 times. After the beeps have stopped, release the pad and the adjustment is now complete. If not to your liking repeat the 3 steps.

MM4 SWITCHES

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

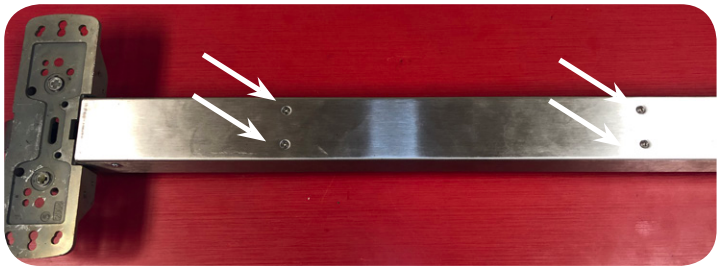


TROUBLESHOOTING & DIAGNOSTICS

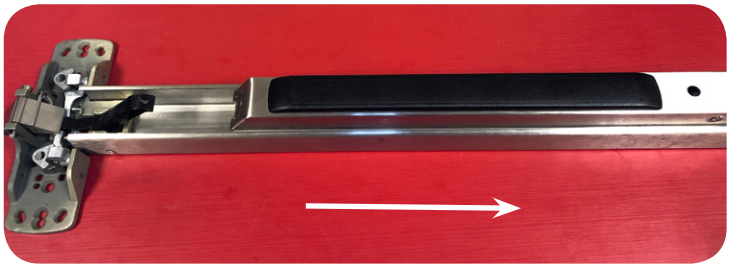
BEEPS	EXPLANATION	SOLUTION
2 Beeps	Over Voltage	> 30V unit will shut down. Check voltage & adjust to 24 V.
3 Beeps	Under Voltage	< 20V unit will shut down. Check voltage & adjust to 24 V.
4 Beeps	Failed Sensor	Verify all 3 sensor wires are installed correctly. Replace sensor if problem persists by contacting 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.

INSTALLATION INSTRUCTIONS

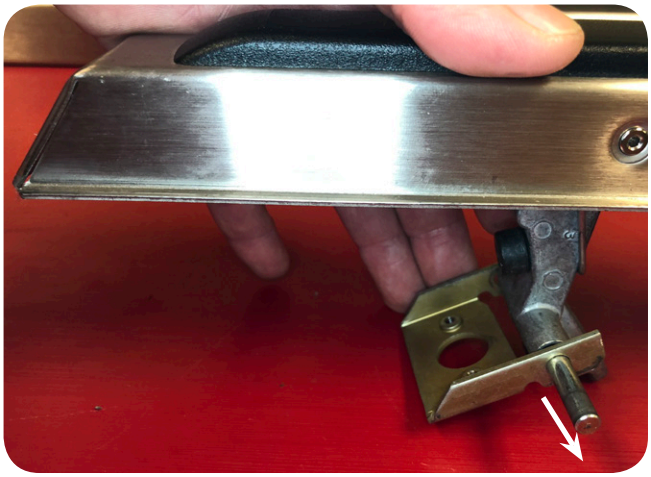
1. Remove headcover and slide off filler plate, then flip the device over and remove (4) screws



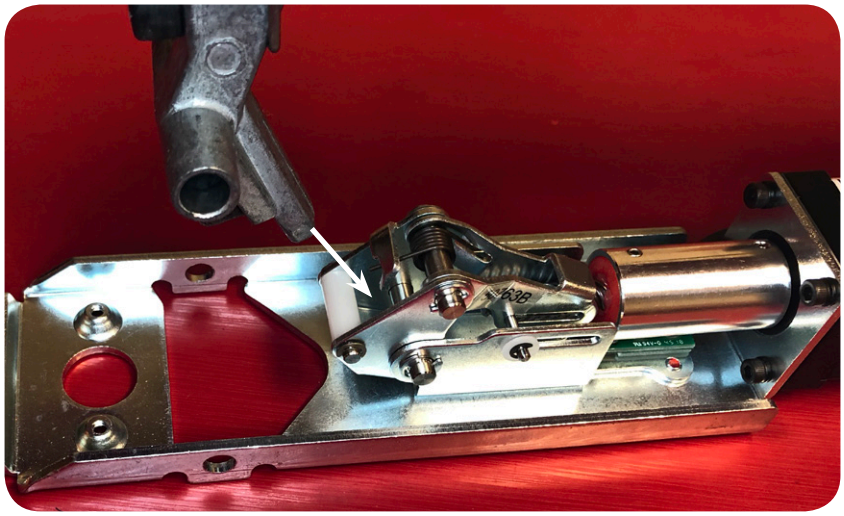
2. Remove Push Pad from baserail.



3. Locate the front activating bracket and push it's pin out, discarding the original mounting bracket.



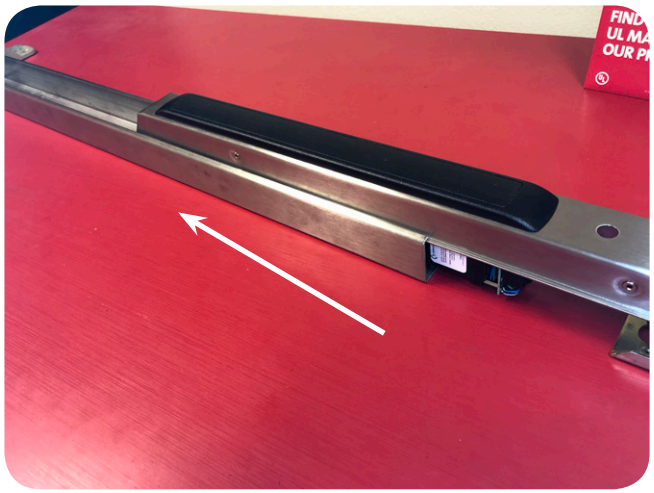
4. Install front activating bracket into the kit, ensuring the nose of the bracket slides into the opening ABOVE the plastic guide.



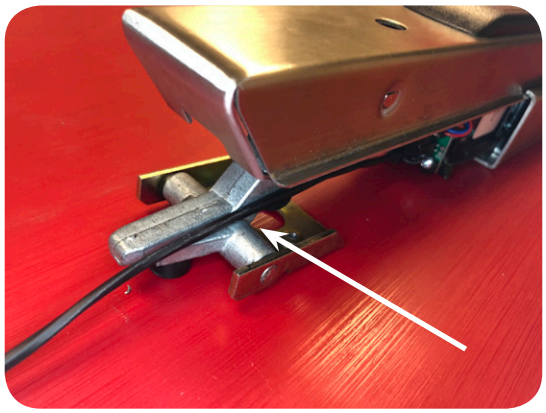
5. Once the nose of the activating bracket is fully seated into the top opening, press down on the push pad to line up the pin holes and re-install the factory pin.

INSTALLATION INSTRUCTIONS

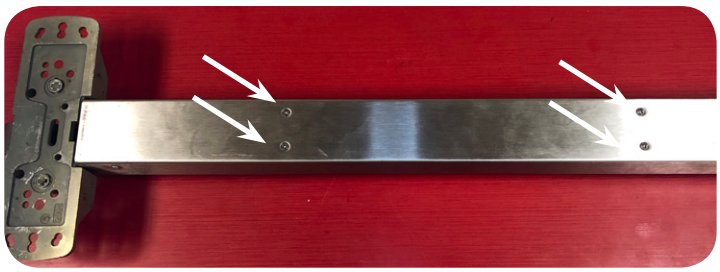
6. Slide push pad & motor assembly back into housing.



7. Make sure power lead is routed OVER the back activating bracket.



8. Line up the (4) mounting brackets holes with the ones on the underside of the housing and re-install (4) screws.



9. Hook up to power & set PTS according to instructions below, remembering to turn the Programming Switch to the off position when completed.

SETTING PTS

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