

**COMMAND ACCESS MLRK1-TS1 Electrified Latch Retraction Kit**



# COMMAND ACCESS MLRK1-TS1 Electrified Latch Retraction Kit Instructions

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## COMMAND ACCESS MLRK1-TS1 Electrified Latch Retraction Kit



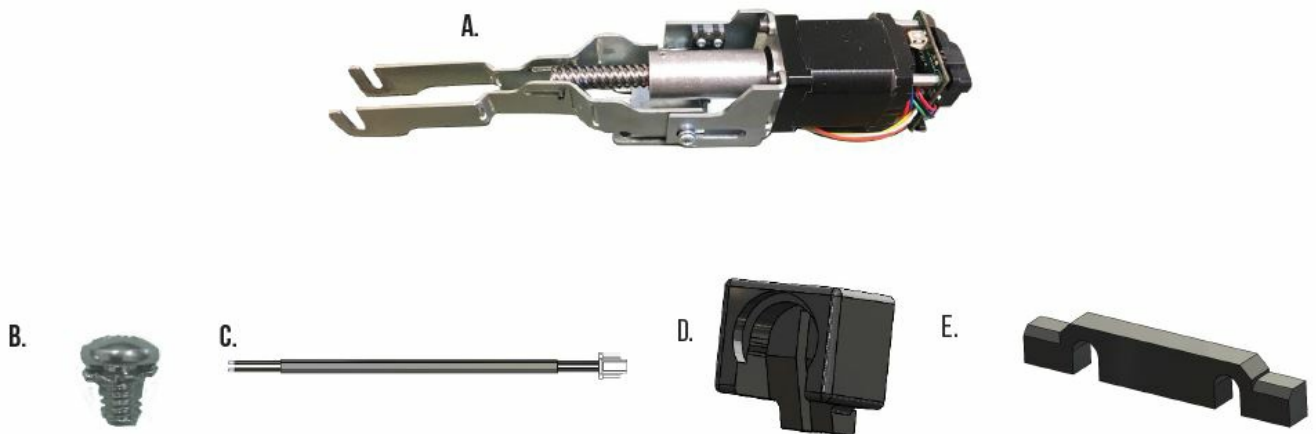
## INSERT INSTRUCTIONS

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

- MLRK1-TS1 – Town Steel 1100 series devices
- MLRK1-USCAN – USCAN2100 series devices
- MLRK1-LSDA2 – IDN LSDA 9200 series devices

## Kit Includes

- **A.** 1- MOTOR MOUNT W/MM4S
- **B.** 2- 40002 – 8/32" X 1/4" PHILLIPS HEAD SCREW
- **C.** 1- 50944 – MOLEX PIGTAIL
- **D.** 1- 50864 – SPRING SPACER
- **E.** 1- 52236 – MOTOR STABILIZING BRACKET



## Tools Required

- Cordless Drill or Phillips Screwdriver

## 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

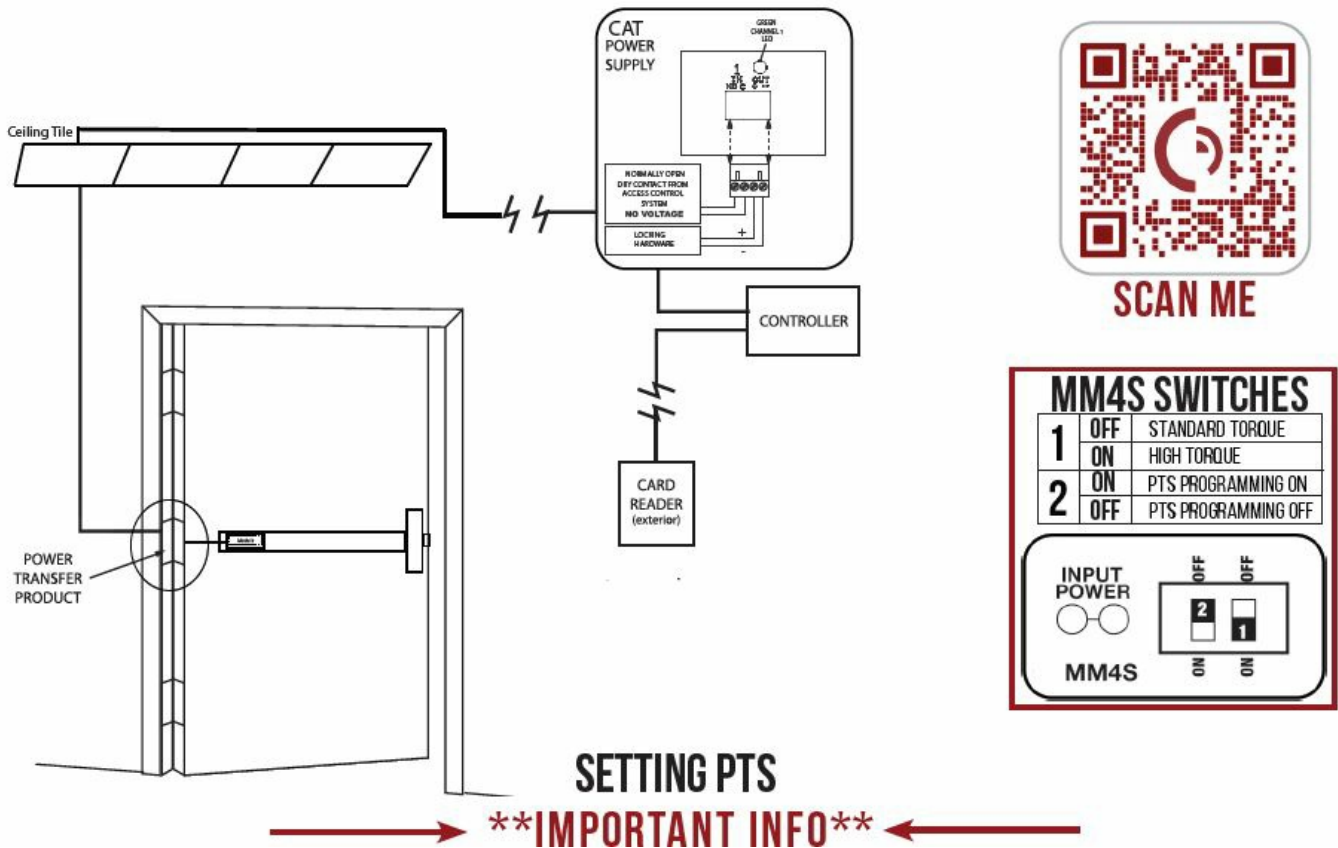
## Optional built-in rex

- 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.

## Technical Information



**Make sure to set PTS before finishing the installation**

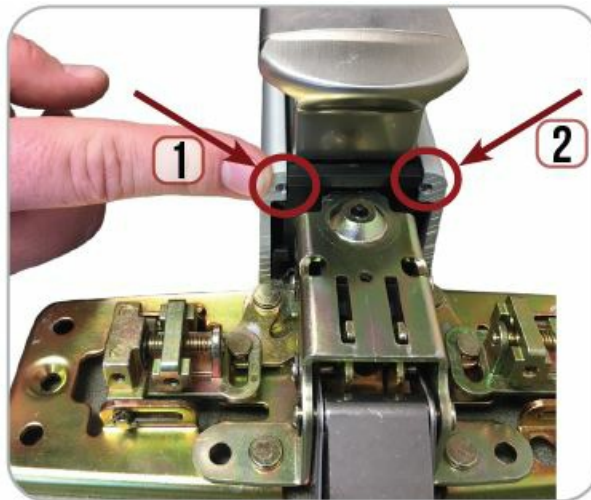
- **STEP 1**– SELECT YOUR PREFERRED TORQUE MODE (SHIPS IN STANDARD TORQUE) PRESS THE DEVICE PUSH PAD TO THE DESIRED SETTING. (RECOMMEND TO FULLY DEPRESS AND RELEASE 5%, GIVING THE DEVICE ROOM FOR CHANGING DOOR CONDITIONS.)
- **STEP 2**– WHILE DEPRESSING THE PUSH PAD, APPLY POWER. (I.E. PRESENTING THE 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 ARE 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 it 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><b>After 1st fail</b>: 5 beeps then immediately attempts to retract again.</p> <p><b>After 2nd fail</b>: 5 beeps with pause in-between for 30 seconds then device attempts to retract again.</p> <p><b>After 3rd fail</b>: 5 beeps every 7 minutes, device will not attempt to retract.</p> <p>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

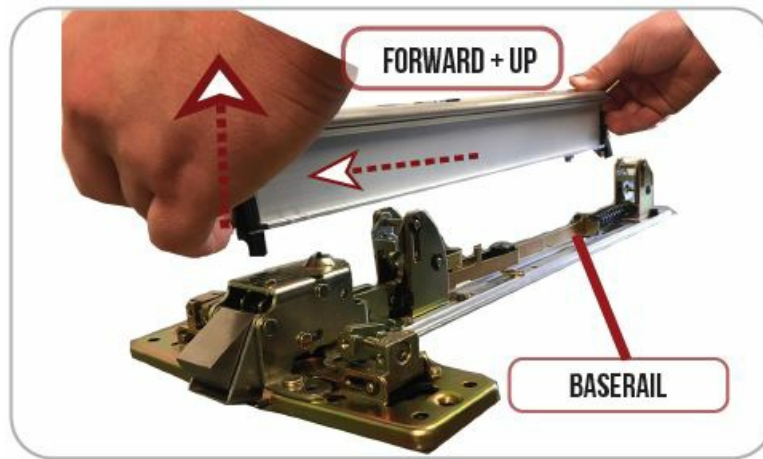
1. Remove Head Cover & (2) Screws securing housing to baserail.




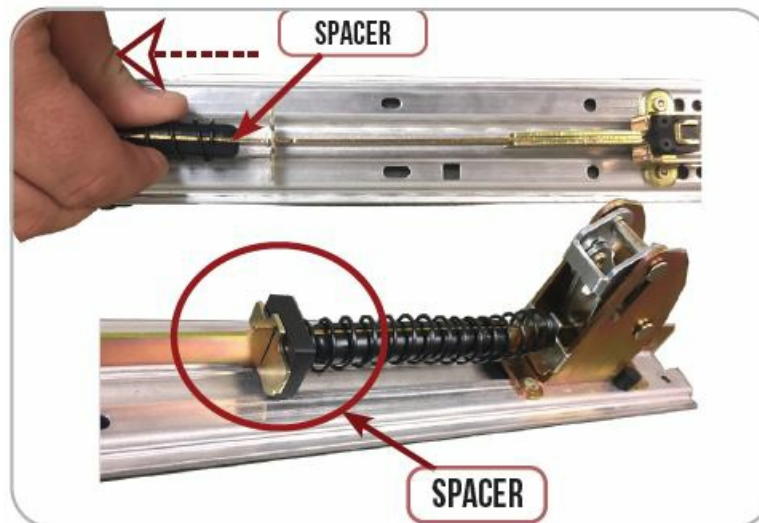
2. Slide off Housing from Baserail.



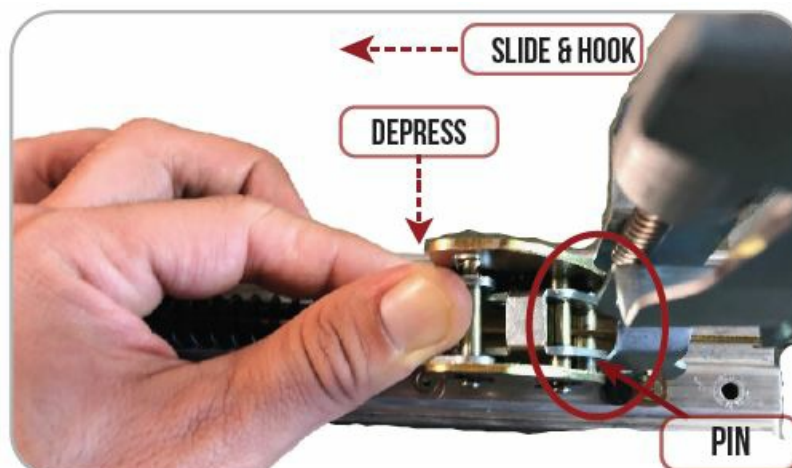
3. Remove Pushpad by pulling forward then up to reveal baserail assembly.



4. Install the Spacer onto connecting rod in  front of the back activating bracket to increase the return spring tension. Make sure Spacer is facing the correct direction.

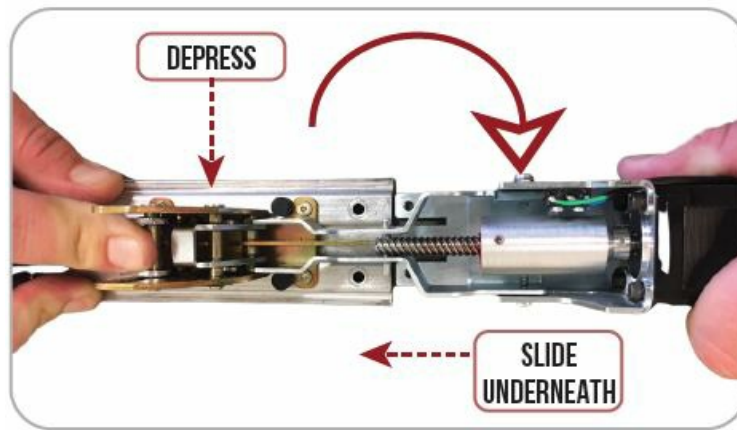


5. The Motor Kit attaching hooks facing towards the back activating bracket at a 90 degree angle. Depress activating backing & hook onto bottom pin.

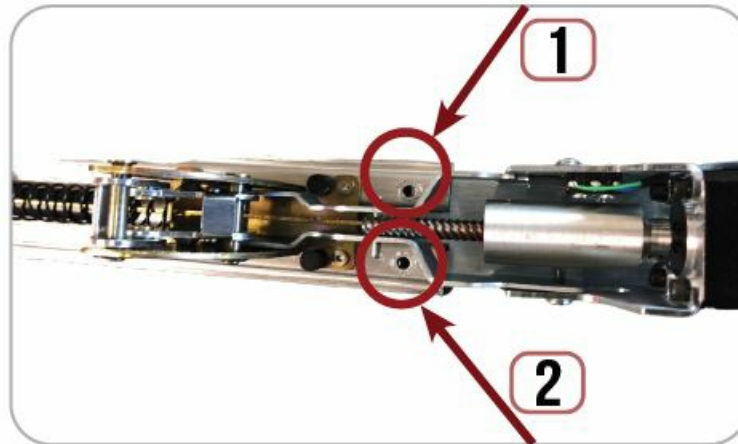


6. Once hooked onto PIN, bring the motor down & slid the mounting bracket underneath the baserail.





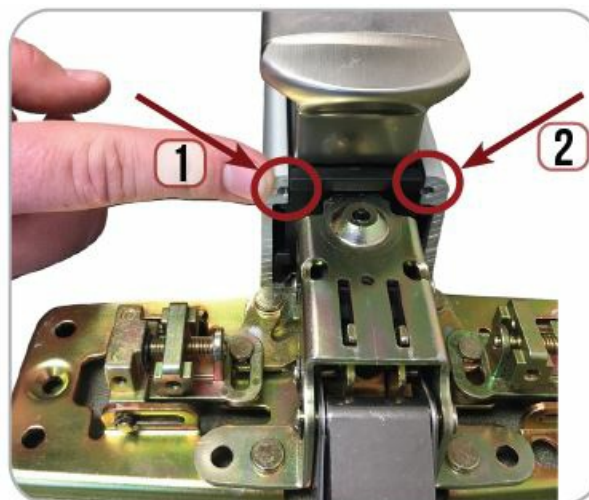
7. Install (2) Screws from above to secure the motor assembly to the baserail.



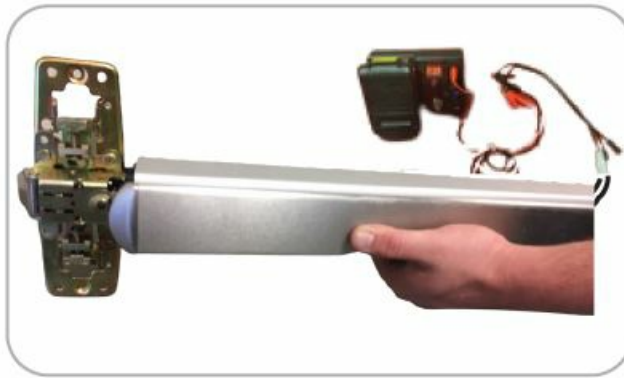
8. Re-install Pushpad, then Slide housing back into place. Be careful of pinching REX/Motor wires.



9. Replace mounting bracket & Re-install (2) screws.

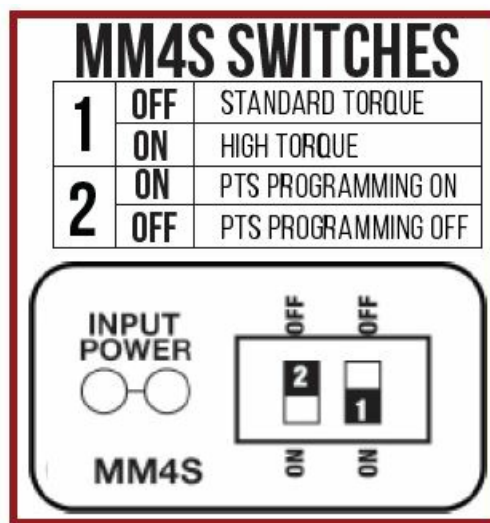


10. Set the "Push to Set Adjustment" following the steps below.



## Setting PUSH TO SET (PTS)

**\*\*IMPORTANT INFO\*\***  
**MAKE SURE TO SET PTS BEFORE FINISHING INSTALLATION**




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## CONTACT

- U.S. Customer Support
- 1-888-622-2377
- Visit our website for more details
- [www.commandaccess.com](http://www.commandaccess.com)
- Canada Customer Support
- 1-855-823-3002

## Documents / Resources

	<p><b><a href="#">COMMAND ACCESS MLRK1-TS1 Electrified Latch Retraction Kit</a> [pdf] Instructions</b> MLRK1-TS1 Electrified Latch Retraction Kit, MLRK1-TS1, Electrified Latch Retraction Kit, Latch Retraction Kit, Retraction Kit</p>
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## References

- [🏠 Home | Command Access Technologies](#)
- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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