

COMMAND ACCESS TECHNOLOGIES MLRK1 Electrical Accessories Installation Guide

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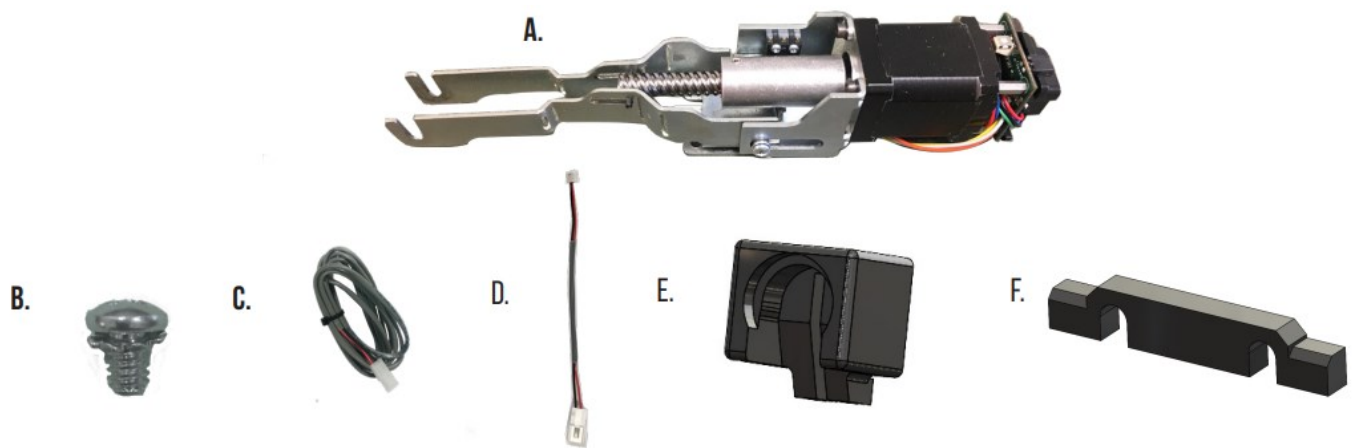
COMMAND ACCESS TECHNOLOGIES MLRK1 Electrical Accessories Installation Guide



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 – Cordless Drill or Phillips Screwdriver
- B 2- 40002 – 8/32" X 1/4" Phillips Head Screw
- C 1- 50030 – 6' Lead w/ VD Connector
- D 1- 50944 – Molex Pigtail
- E 1- 50864 – Spring Spacer
- F 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)

Contents

1 Technical Information

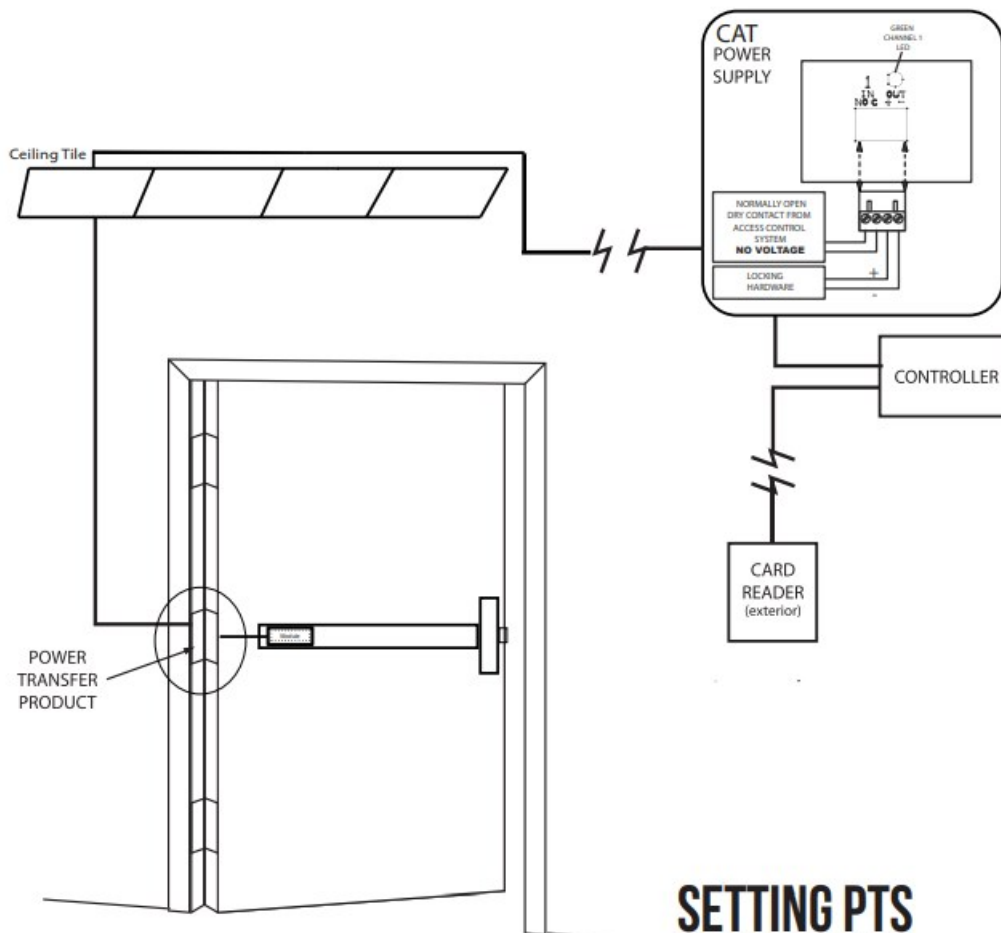
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Technical Information



****Important Info****

Make sure to set PTS before finishing installation

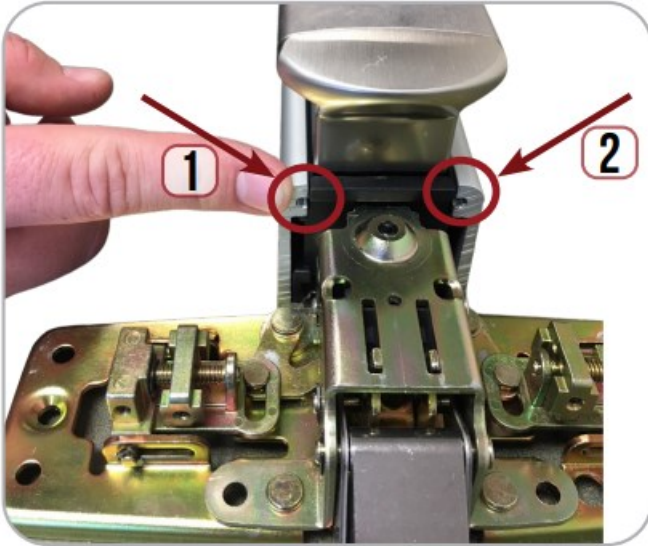
- 1- Select your preferred torque mode (ships in standard torque) Press the device push pad to the desired setting. (Recommend to fully depress and release 5%, giving the device room for changing door conditions.)
- 2- While depressing the push pad, apply power. (i.e. presenting the credential to the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

Installation Instructions

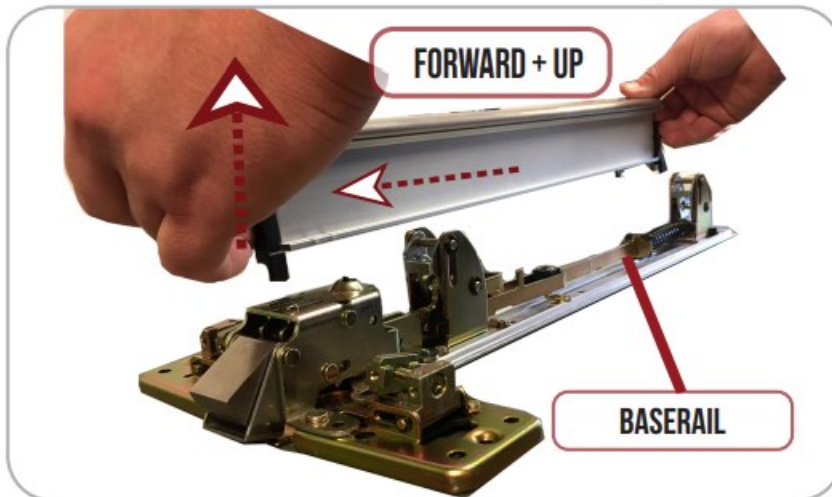
Remove Head Cover & (2) Screws securing housing to baserail.



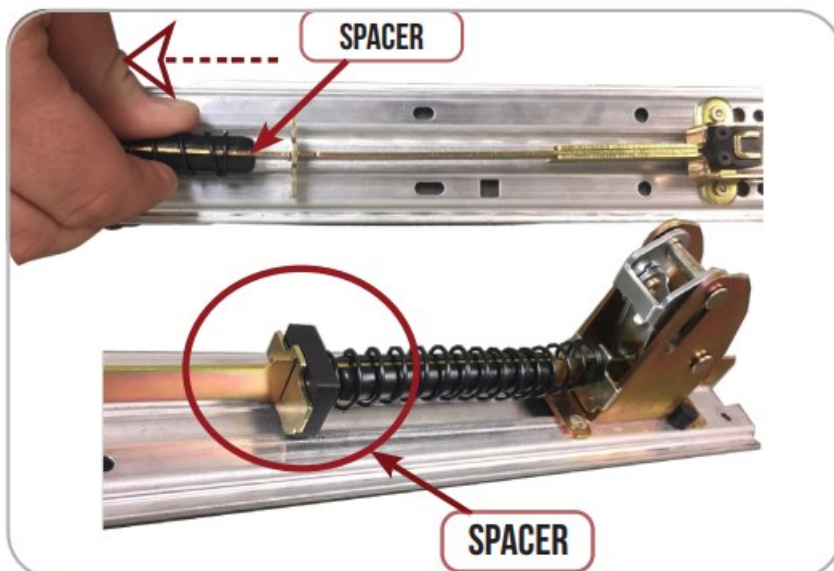
Slide off Housing from Baserail



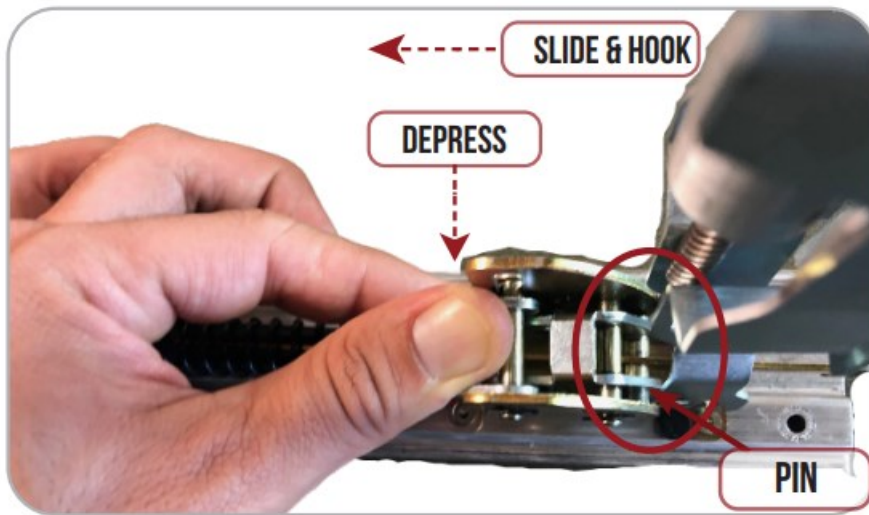
Remove Pushpad by pulling forward then up to reveal baserail assembly.



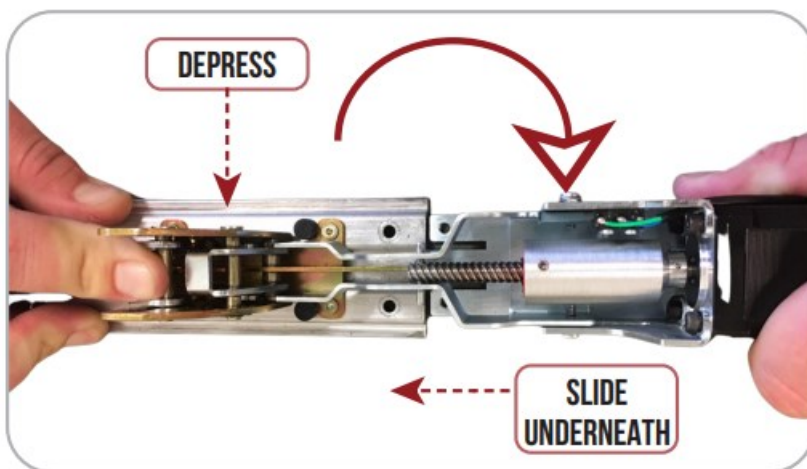
Install Spacer onto connecting rod in front of the back activating bracket to increase the return spring tension. Make sure Spacer is facing the correct direction.



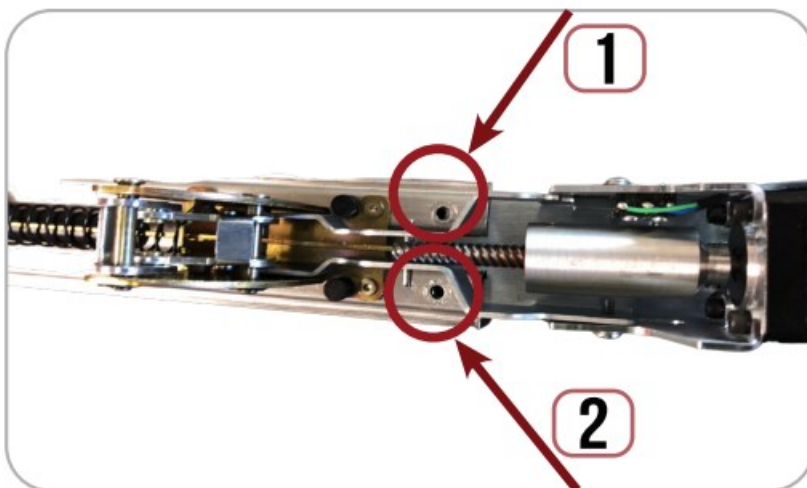
The Motor Kit attaching hooks facing towards the back activating bracket at a 90 degree angle. Depress activating backing & hook onto bottom pin



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



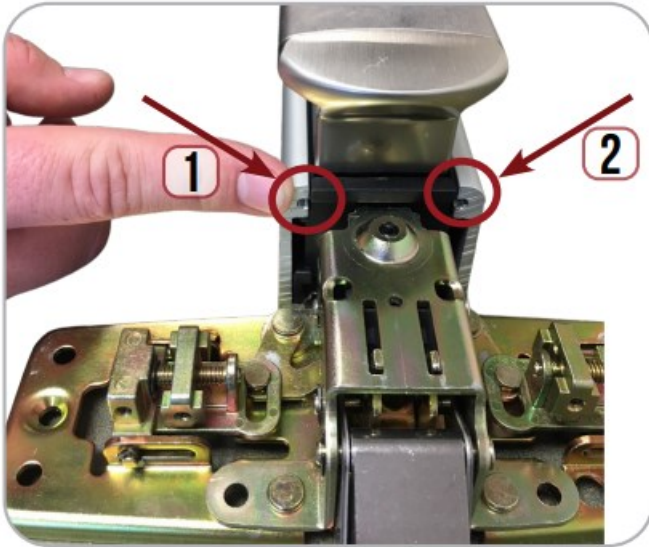
Install (2) Screws from above to secure the motor assembly to the baserail.



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



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



Set the “Push to Set Adjustment” following the steps below.



Setting PUSH TO SET (PTS)

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(Recommend to fully depress and release 5%, giving the device room for changing door conditions.)
2. While depressing the push pad, apply power. (i.e. presenting the credential to the reader).

- 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.
- 4. Once you found the correct location, turn PTS switch to OFF position



Documents / Resources

	COMMAND ACCESS TECHNOLOGIES MLRK1 Electrical Accessories [pdf] Installation Guide de MLRK1 Electrical Accessories, MLRK1, MLRK1 Accessories, Electrical Accessories, Accessories
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References

- [🌐 Command Access Technologies](#)