MLRK1-MRK

MOTOR DRIVEN | NO HASSLE 3 YEAR WARRANTY | PTS PLAN TO START TECHNOLOGY | UL
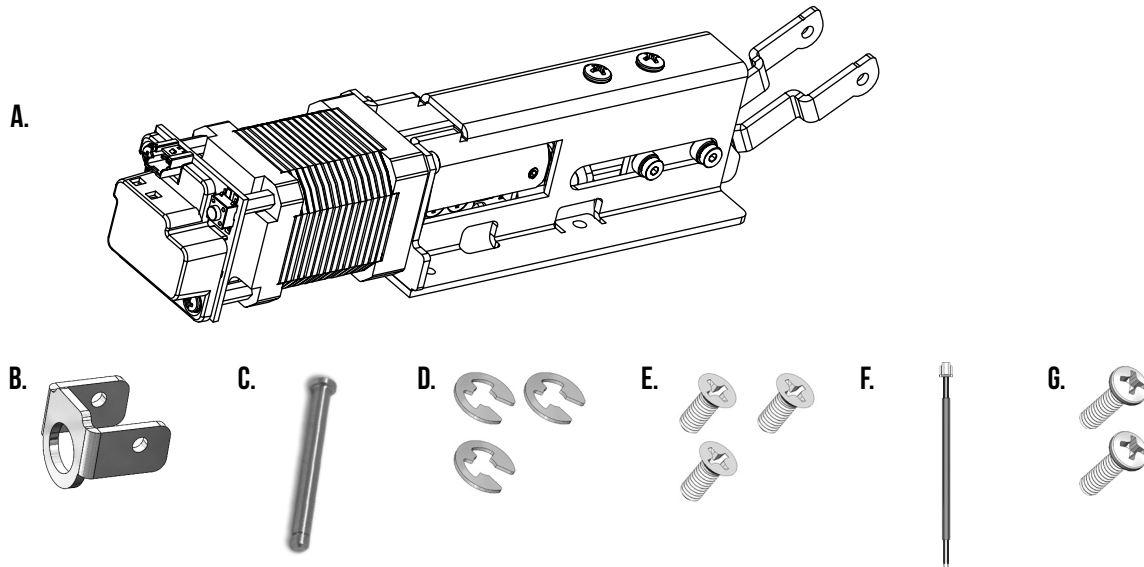
INSERT INSTRUCTIONS

The Command Access MLRK1 is a field installable motorized latch-retraction kit for:
- MLRK1-MRK - Marks M9900 series devices
- MLRK1-DH - Design Hardware 1000 series device

A.

B.   C.   D.   E.   F.   G.

KIT INCLUDES

A. (1) 60412 - MLRK1-MRK

B. (1) 51222 - CONNECTING BRACKET

C. (1) 51048 - CONNECTING PIN

D. (3) 40067 - E-CLIP (2 EXTRA)

E. (3) 40064 - M4 FLAT HEAD SCREW (1 EXTRA)

F. (1) 50944 - MOLEX PIGTAIL

G. (2) 40361 - M2 POSITION SET SCREWS

INSTALLATION VIDEO

SPECIFICATIONS

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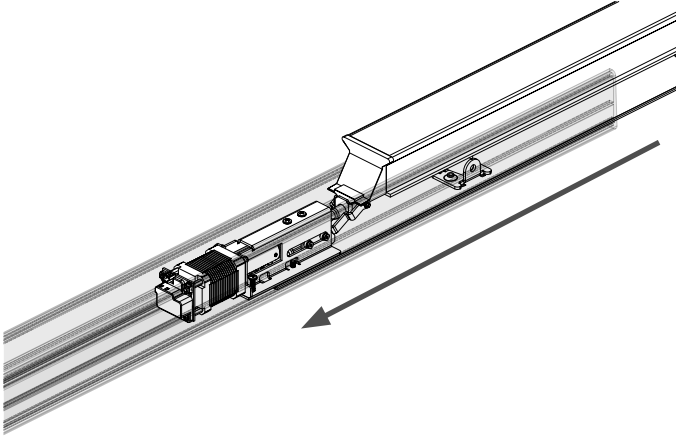
OPTIONAL BUILT-IN REX

- SPDT - RATED .5A @24V
- GREEN= COMMON (C)
- BLUE = NORMALLY OPEN (NO)
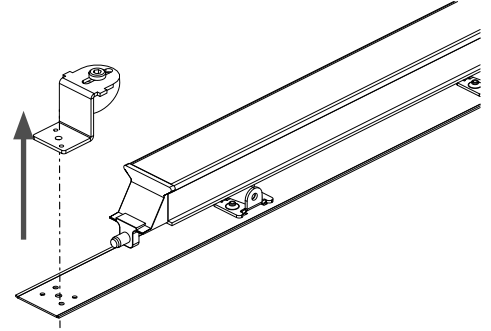- GREY = NORMALLY CLOSED (NC)

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.
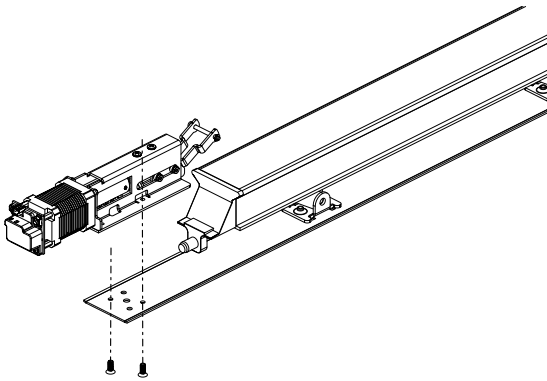
U.S. Customer Support
1-888-622-2377

Visit our website for more details
www.commandaccess.com

Canada Customer Support
1-855-823-3002

#20640_F

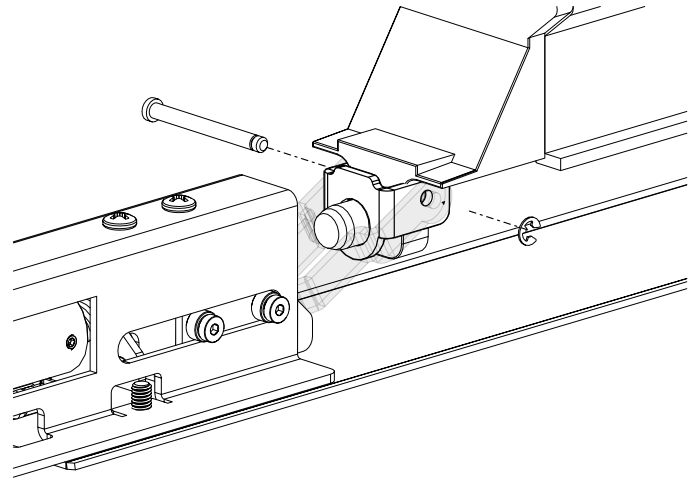**1.** Slide off **push pad assembly** from exit device**.**

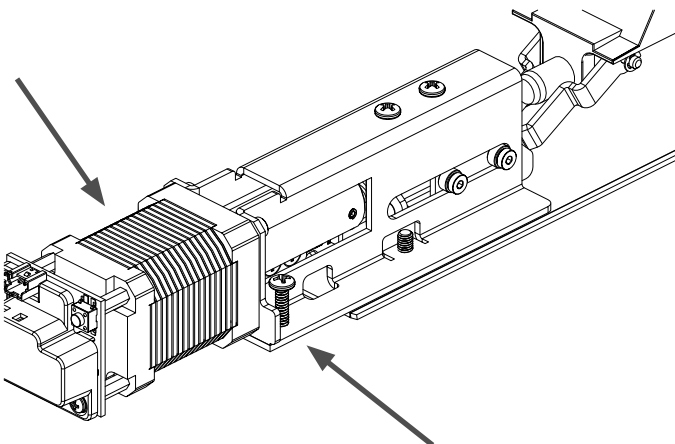**2.** Remove exisitng dogging assenbly (if equiped)

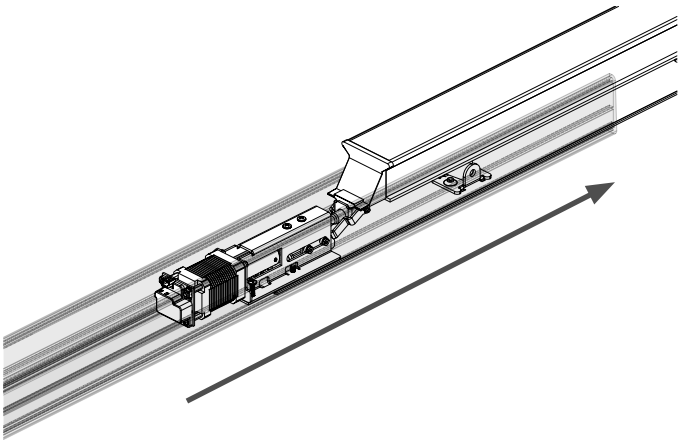**3.** **Install two (E) screws** from underneath the baserail and into the Motor Bracket.

4. Slide the **(B) Connecting Bracket** over the Dogging post at the end of the push pad. Insert **(C) Connecting Pin** through connecting bracket and snap on **(D) E-Clip.**
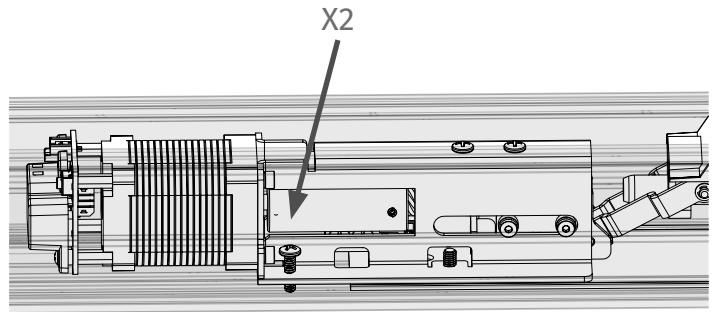
5. Screw in **(G) Position Set Screws (2)** a few threads until flush with the bottom of the motor bracket.

6. Re-install **Base Rail** into **Housing**.

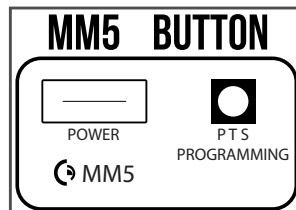**7.** Once in position, securely tighten the two **Position Set Screws**.

X2

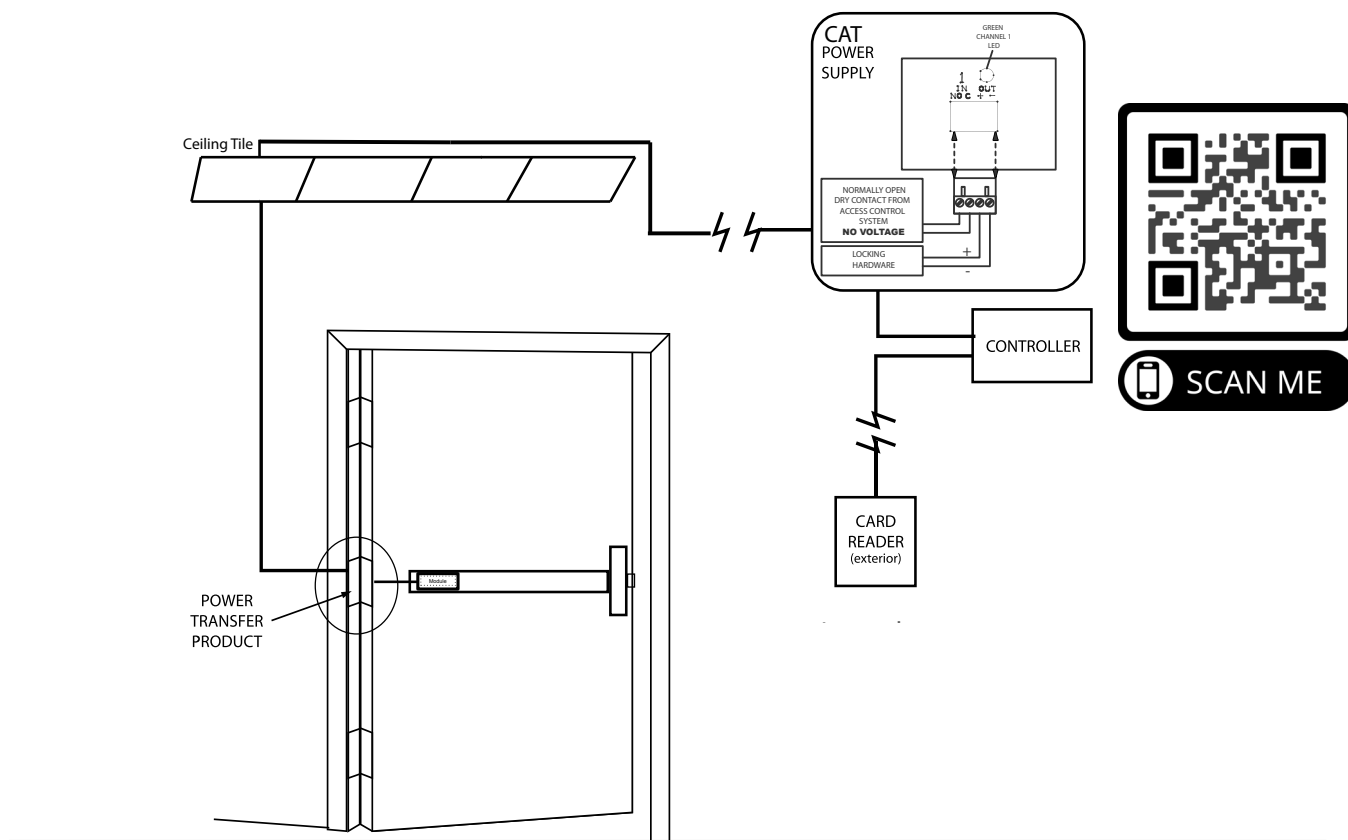**8.** Set the "**Push to Set Adjustment**" following the steps on page 2.

SETTING PUSH TO SET (PTS)

IMPORTANT INFO

MAKE SURE TO SET PTS BEFORE FINISHING INSTALLATION

MM5   BUTTON

POWER

PTS
PROGRAMMING

MM5

STEP 1 - To enter PTS mode: Depress MM5 button & apply power. The device will emit 1 SHORT beep. The device is now in PTS mode.

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 emit 1 LONG Beep. After the beep has stopped, release the pad and now the adjustment is complete. test the new location, If not to your liking repeat the 3 steps.

COMMAND ACCESS
TECHNOLOGIES

Ceiling Tile

CAT
POWER
SUPPLY

GREEN
CHANNEL 1
LED

1
IN OUT
NO C +

NORMALLY OPEN
DRY CONTACT FROM
ACCESS CONTROL
SYSTEM
NO VOLTAGE

LOCKING
HARDWARE

CONTROLLER

SCAN ME

POWER
TRANSFER
PRODUCT

Module

CARD
READER
(exterior)

SETTING PUSH TO SET (PTS)
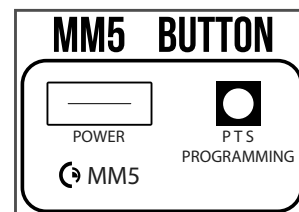## → MAKE SURE TO SET PTS BEFORE FINISHING INSTALLATION ←

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MM5   BUTTON

POWER

PTS
PROGRAMMING

MM5

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.