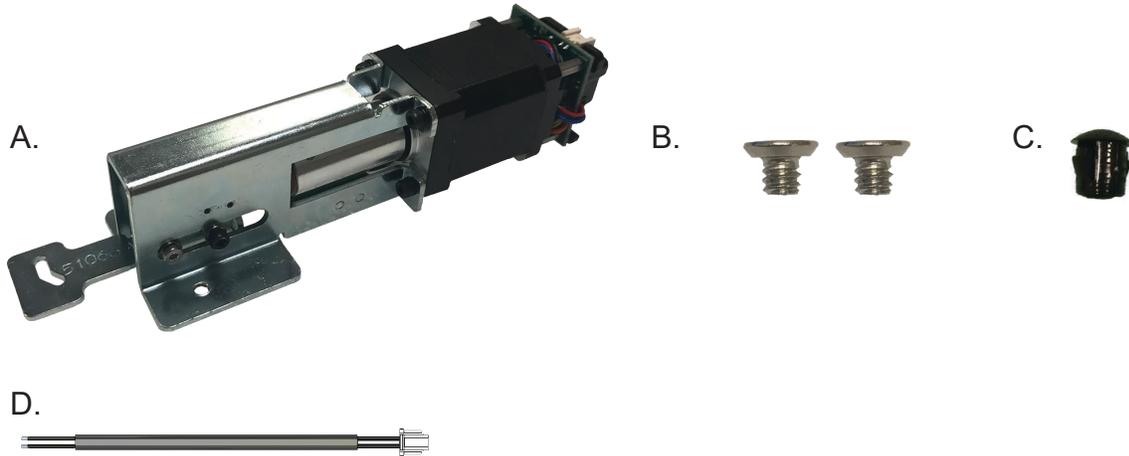


MLRK 1

INSERT INSTRUCTIONS

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

- MLRK1-YAL6 - Yale 6000 series devices



KIT INCLUDES

- A. 61045 – MOTOR MOUNT W/ MM4T SERIES MODULE
- B. 40306 – 10-24 X 0.25 SCREW (X2)
- C. 40144 – DOGGING HOLE CAP
- D. 50944 – MOLEX PIGTAIL

TOOLS REQUIRED

#2 PHILLIPS HEAD SCREWDRIVER

SPECIFICATIONS

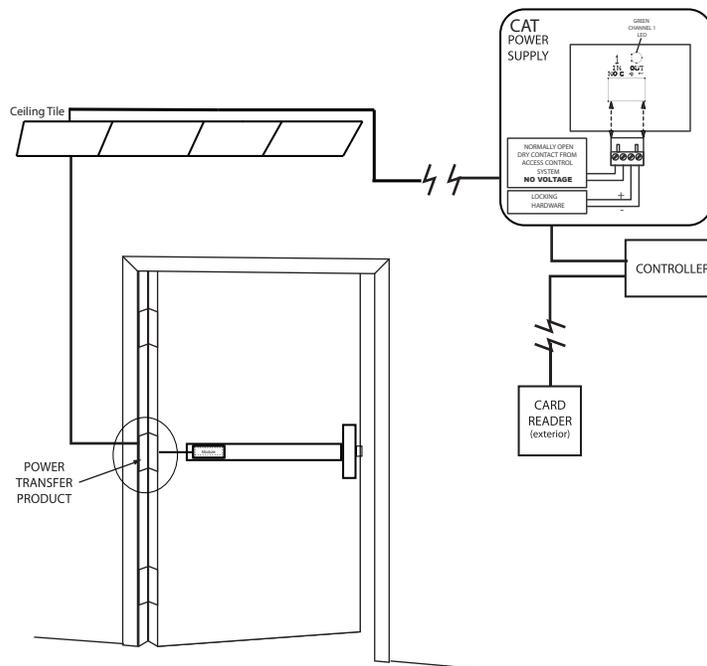
- INPUT VOLTAGE: 24VDC +/- 10%
- AVERAGE LATCH RETRACTION CURRENT: 900 MA
- AVERAGE HOLDING CURRENT: 215 MA
- WIRE GAUGE: MINIMUM 18 GAUGE
- DIRECT WIRE RUN - NO RELAYS OR ACCESS CONTROL UNITS IN-BETWEEN POWER SUPPLY & MODULE

OPTIONAL BUILT-IN REX

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

RECOMMENDED POWER SUPPLIES:

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.

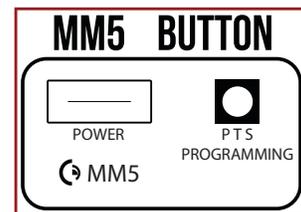


SETTING PUSH TO SET (PTS)

****IMPORTANT INFO****

BEFORE FINISHING, BE SURE TO TEST FUNCTION AND RESET PTS, IF NEEDED.

- 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.



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.

INSTALLATION INSTRUCTIONS

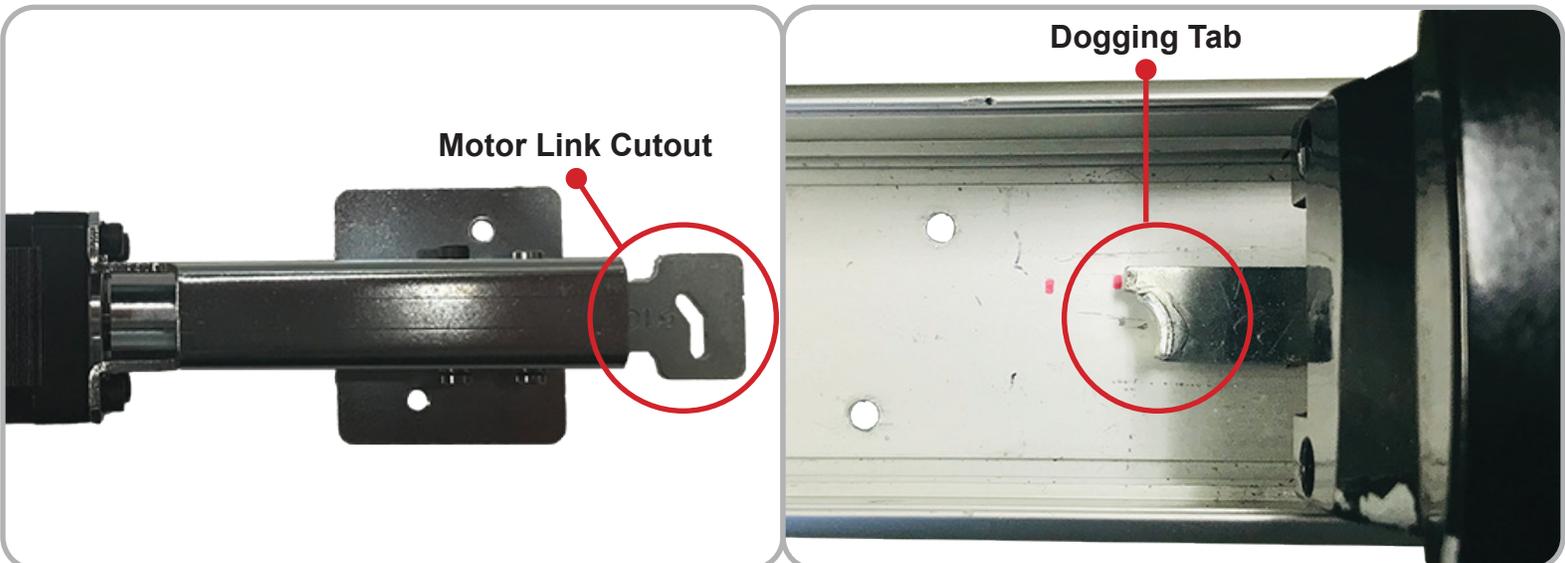
- 1 Slide **Filler Plate** off the bar.



- 2 If the **Dogging Assembly** is installed, remove its two screws and discard.



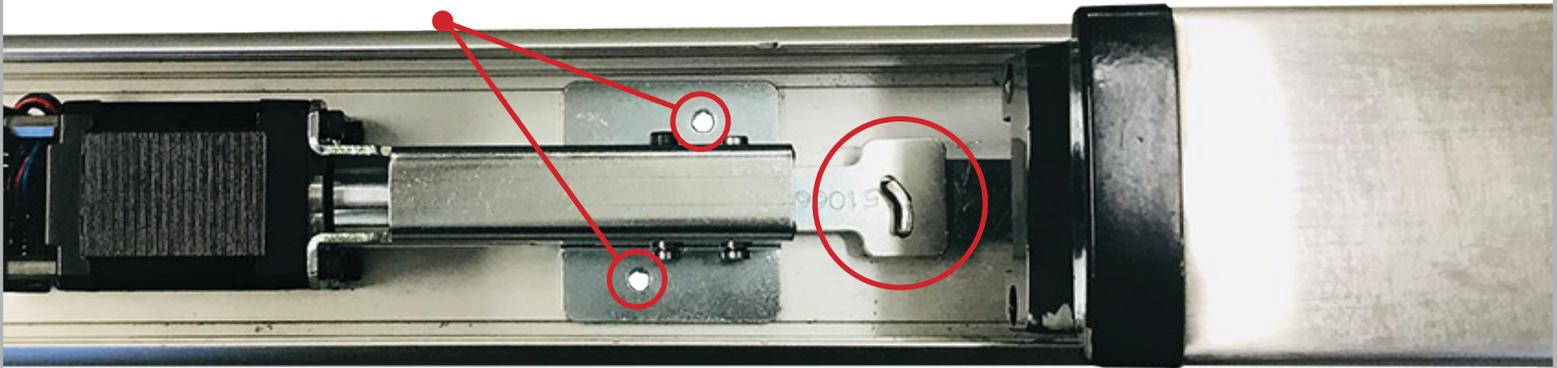
- 3 To install the motor, place the **Motor Link Cutout** over the **Dogging Tab**.



INSTALLATION INSTRUCTIONS

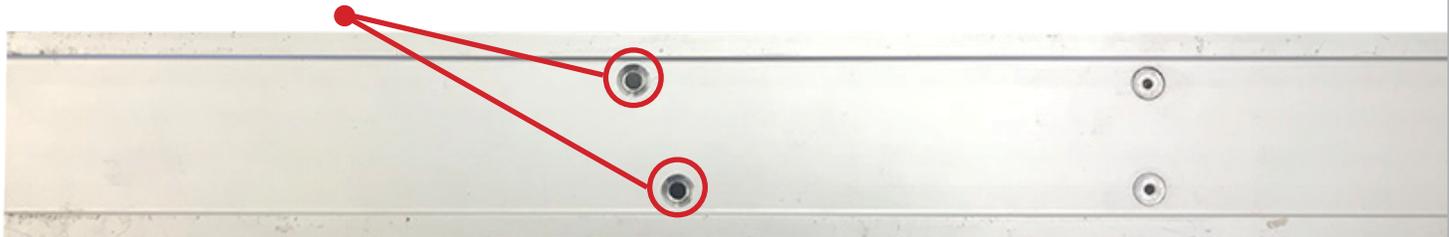
- 4** Once the **Motor Link** is installed securely on the **Dogging Tab**. Line up the two **Mounting Holes**.

Mounting Holes



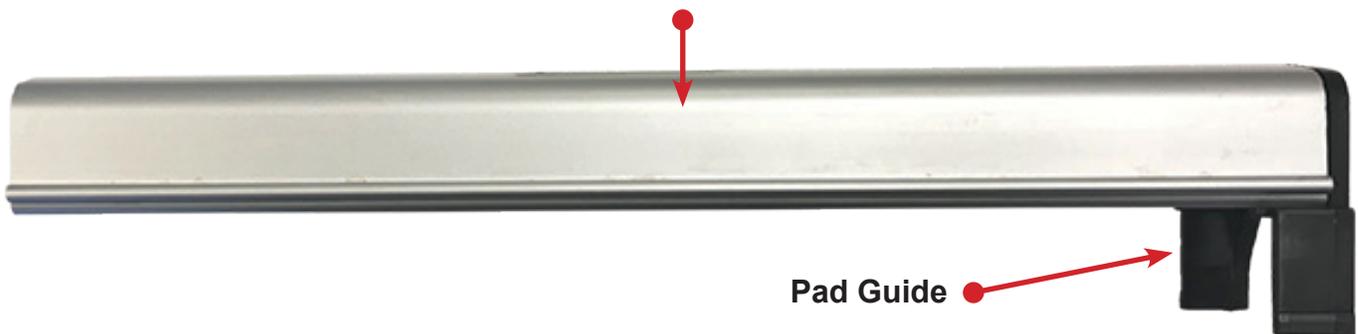
- 5** With one hand holding the motor in place, flip the bar over and secure the kit by installing the two provided screws into the **Mounting Holes** from the backside of the bar.

Mounting Holes



- 6** To reinstall the **Filler Plate**, you will first need to remove the plastic **Pad Guide**.

Filler Plate

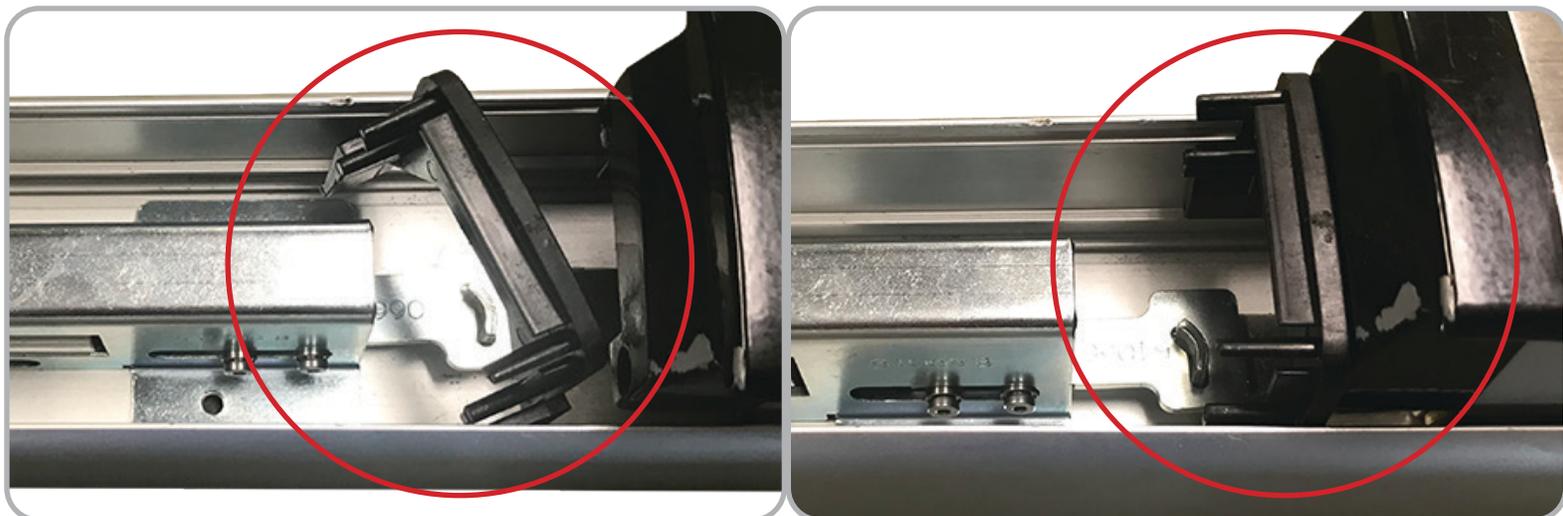


INSTALLATION INSTRUCTIONS

- 7** To remove, gently apply pressure to the back of the **Pad Guide** until it pops out of the **Filler Plate**.



- 8** To install the **Pad Guide** turn it sideways until it clears the sides of the bar, then press it against the pad.



- 9** If needed, install the provided **Dogging Hole Cap** by pressing it into the dogging hole.



INSTALLATION INSTRUCTIONS

10 Slide on the **Filler Plate** and connect the motor to power. Test using the instructions below.

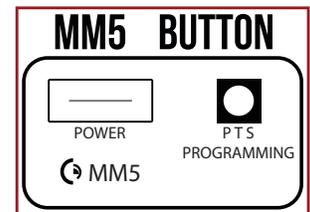


SETTING PUSH TO SET (PTS)

****IMPORTANT INFO****

BEFORE FINISHING, BE SURE TO TEST FUNCTION AND RESET PTS, IF NEEDED.

- 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.



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.