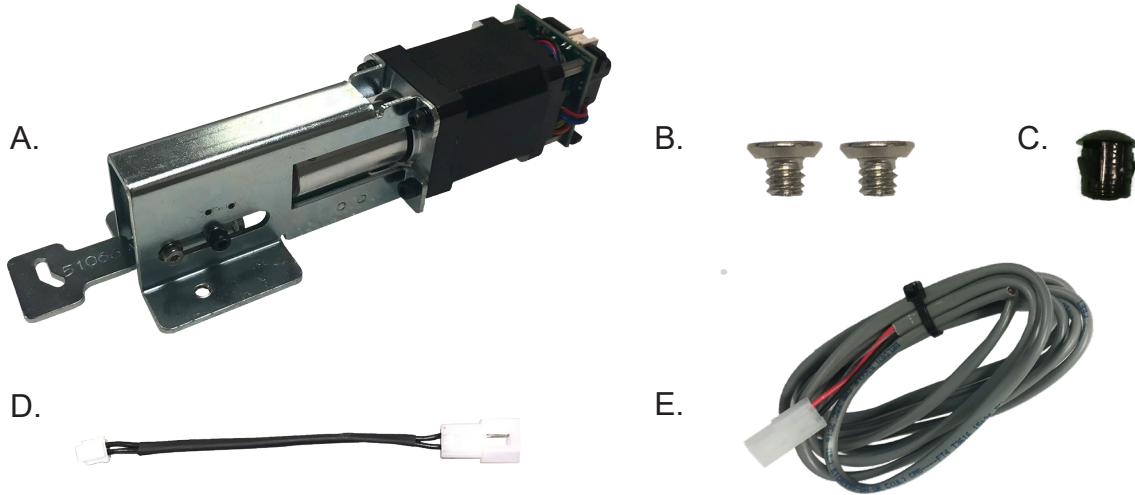


# MLRK 1

## 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/ MM4 SERIES MODULE
- B. 40306 – 10-24 X 0.25 SCREW (X2)
- C. 40144 – DOGGING HOLE CAP
- D. 50944 – MM4 SOCKET LEAD
- E. 50030 – 8' POWER LEAD

### TOOLS REQUIRED

#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

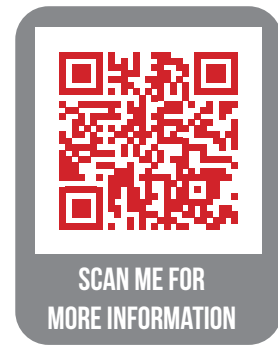
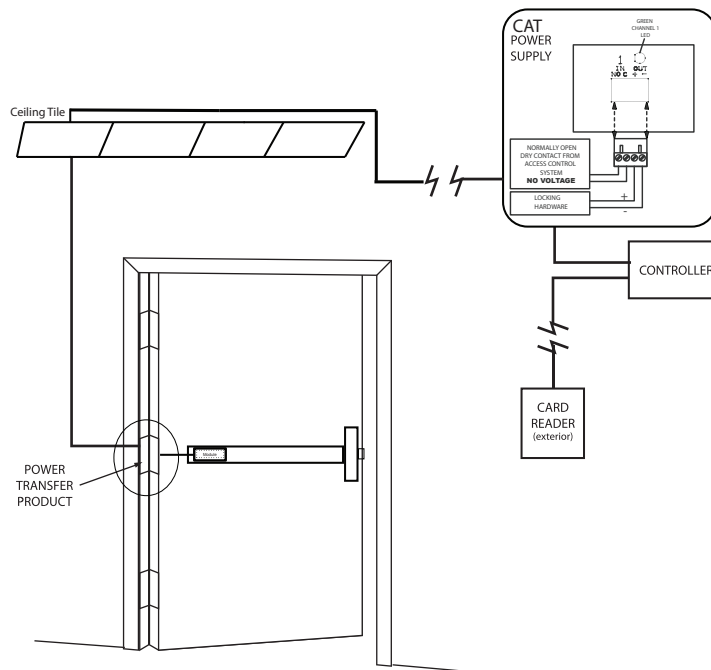
Average Latch Retraction Current: 900 mA  
 Average Holding Current: 215 mA

### 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.



## 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.

### MM4S SWITCHES

<b>1</b>	OFF	STANDARD TORQUE
	ON	HIGH TORQUE
<b>2</b>	ON	PTS PROGRAMMING ON
	OFF	PTS PROGRAMMING OFF

## TROUBLESHOOTING & DIAGNOSTICS

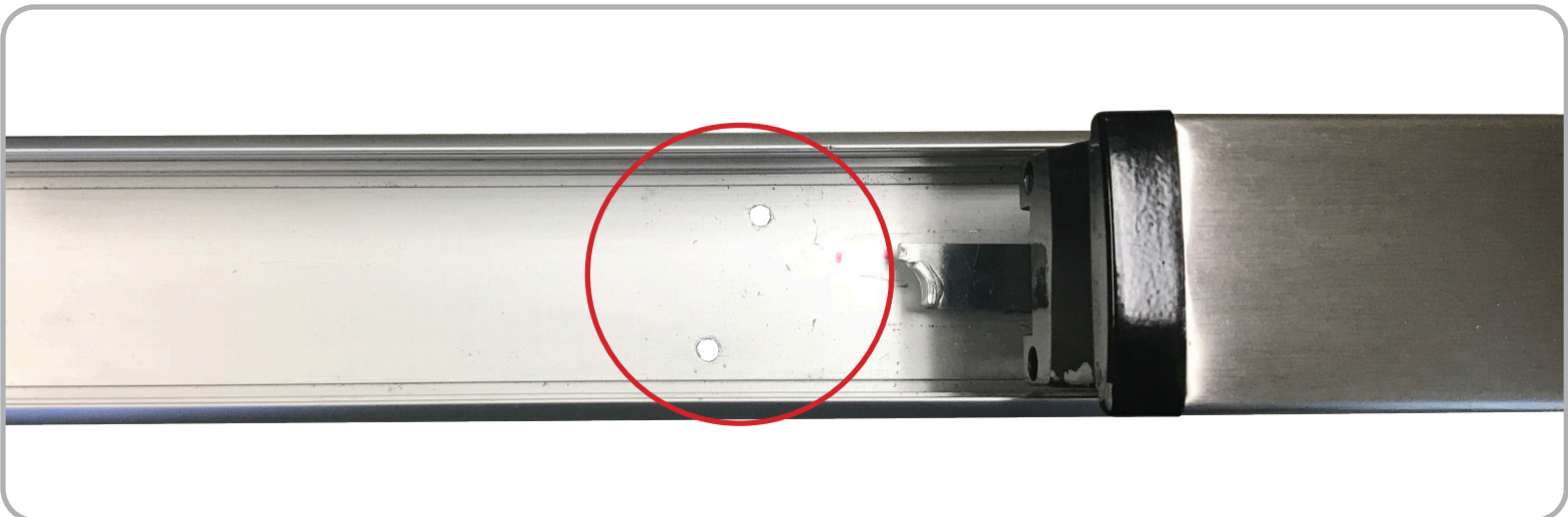
BEEPS	EXPLANATION	SOLUTION
<b>2 Beeps</b>	Over Voltage	> 30V unit will shut down. Check voltage & adjust to 24 V.
<b>3 Beeps</b>	Under Voltage	< 20V unit will shut down. Check voltage & adjust to 24 V.
<b>4 Beeps</b>	Failed Sensor	Verify all 3 sensor wires are installed correctly. Replace sensor if problem persists by contacting office.
<b>5 Beeps</b>	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.
<b>6 Beeps</b>	<b>PUSH TO SET</b>	Device is recording it's new position and power mode after the 6th beep.

# INSTALLATION INSTRUCTIONS

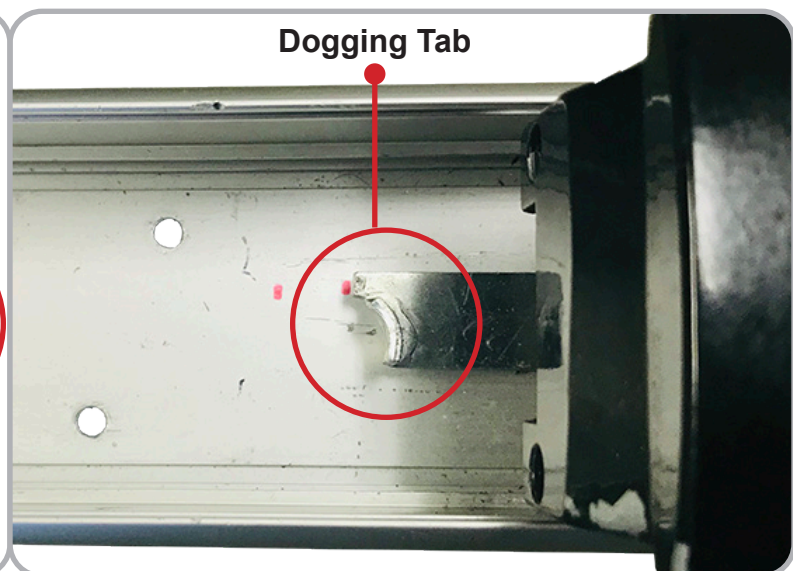
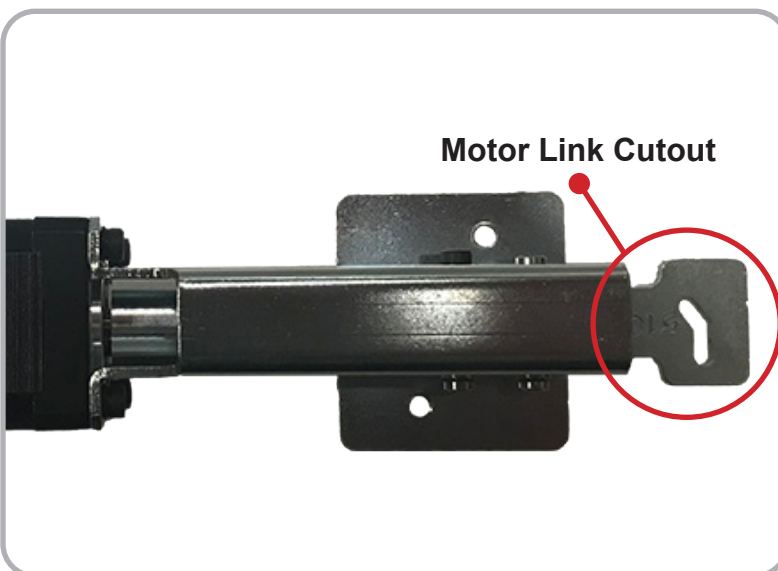
- 1** Slide **Filler Plate** off the bar.



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



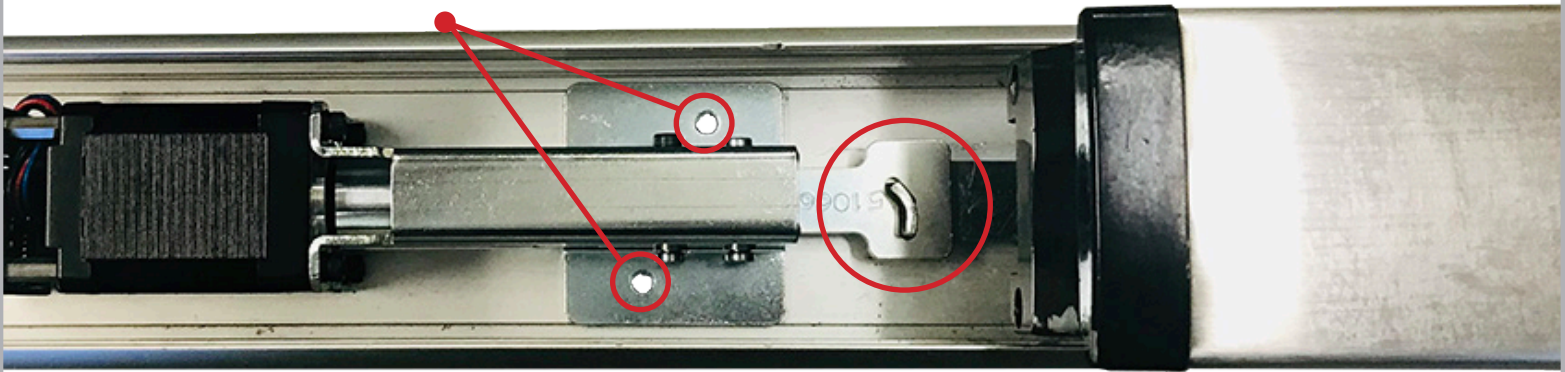
- 3** To install the motor, place the **Motor Link Cutout** over the **Dogging Tab**.



# INSTALLATION INSTRUCTIONS

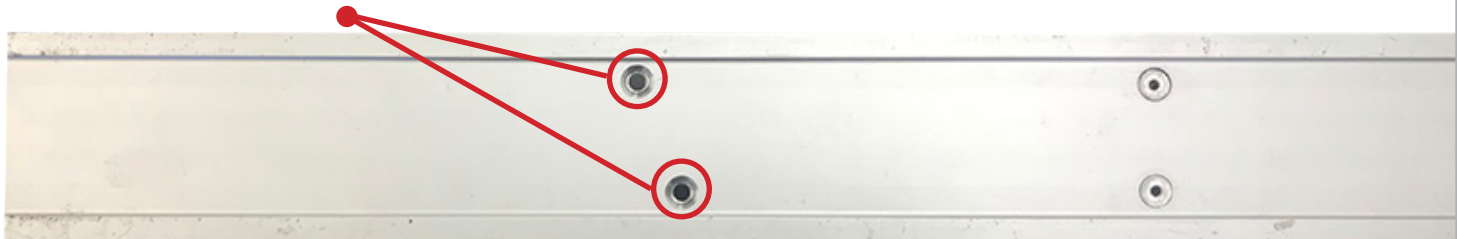
- 4** Once the **Motor Link** is installed securely on the **Dogging Tab**. Line up the two **Mounting Holes**.

Mounting Holes



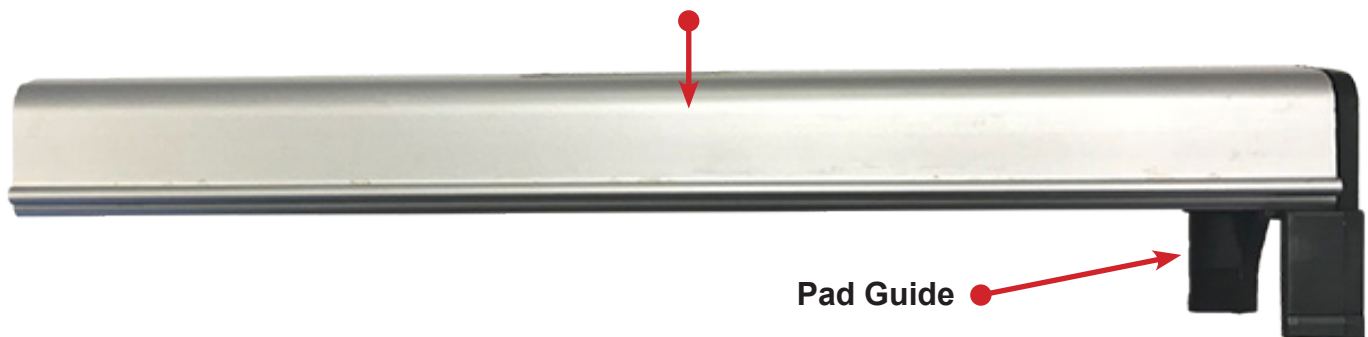
- 5** With one hand holding the motor in place, flip the bar over and secure the kit by installing the two provided screws into the **Mounting Holes** from the backside of the bar.

Mounting Holes



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

Filler Plate

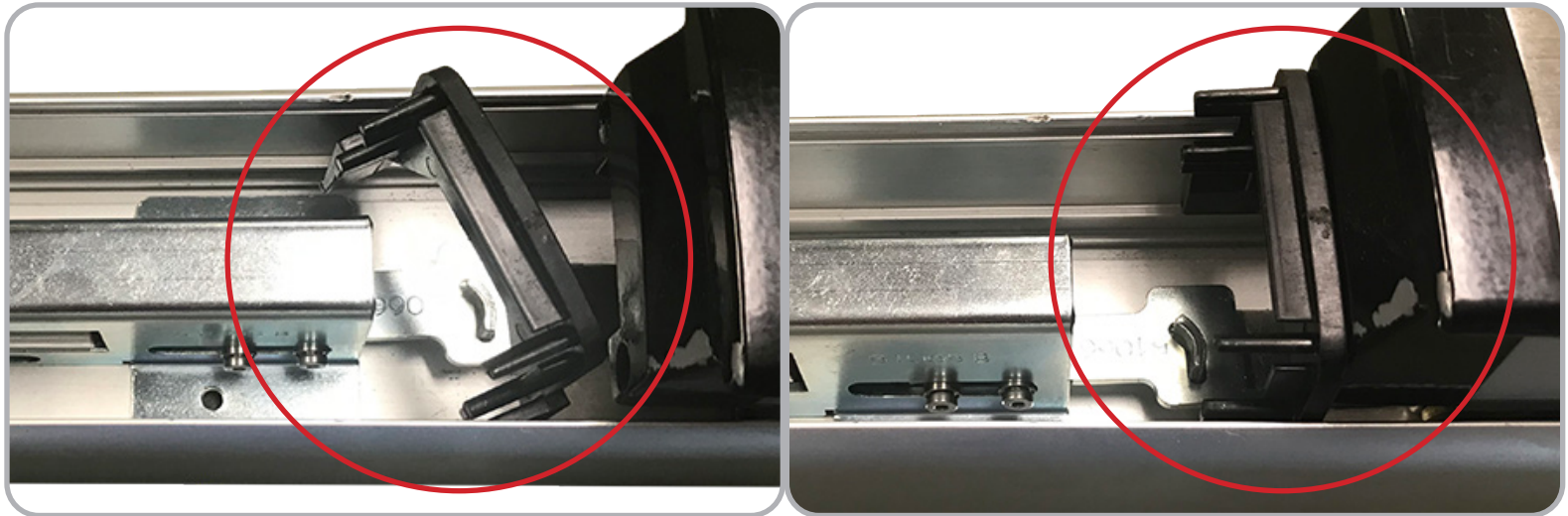


# INSTALLATION INSTRUCTIONS

- 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.



## MAKE SURE TO SET PTS BEFORE FINISHING INSTALLATION

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### MM4S SWITCHES

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	<b>ON</b>	HIGH TORQUE
<b>2</b>	<b>ON</b>	PTS PROGRAMMING ON
	<b>OFF</b>	PTS PROGRAMMING OFF

## TROUBLESHOOTING & DIAGNOSTICS

BEEPS	EXPLANATION	SOLUTION
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