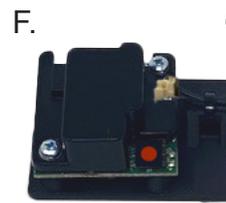


MLRK1-DOR

INSERT INSTRUCTIONS

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

- MLRK1-DOR - Dorma 9000 series devices



KIT INCLUDES

- | | |
|-----------------------------------|--|
| A. 1 - MOTOR KIT | E. 2 - 40059 - MOUNTING PAD |
| B. 4- 40801 - PHILLIPS HEAD SCREW | F. 1- 60373/51186 - REMOTE MM4S MODULE |
| C. 1- 50944 - MOLEX PIGTAIL | G. 1- 51198 - REMOTE MODULE CABLE |
| D. 2 - 40060 - CABLE TIE | |



INSTALLATION VIDEO

SPECIFICATIONS

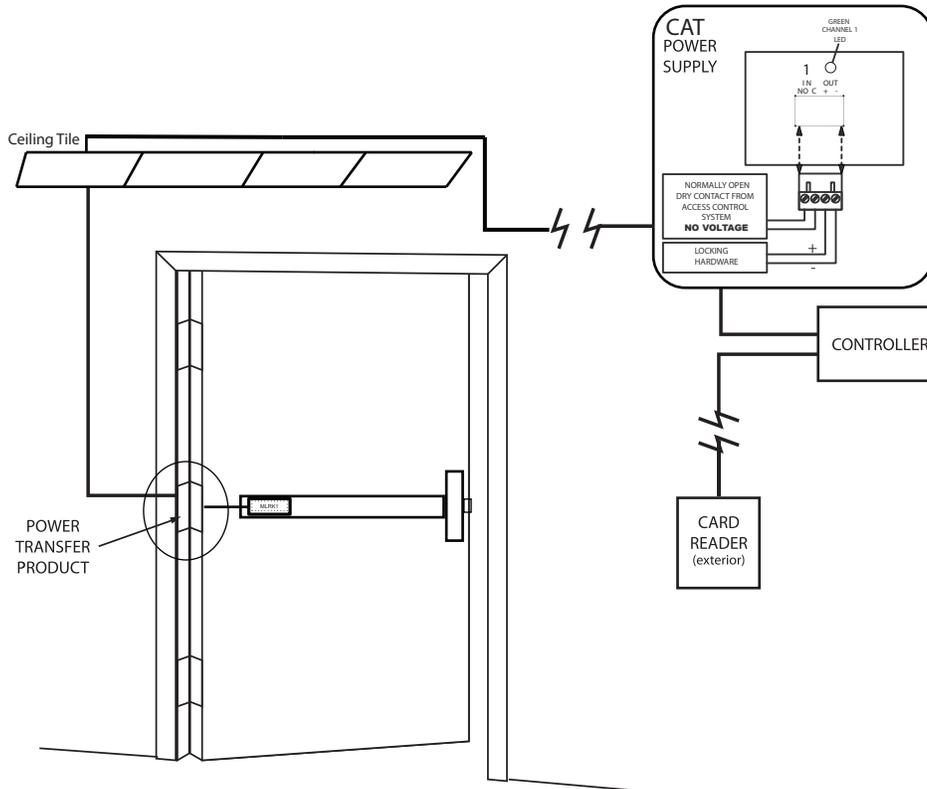
- INPUT VOLTAGE: 24VDC +/- 10%
- AVERAGE LATCH RETRACTION CURRENT: 900 MA
- AVERAGE HOLDING CURRENT: 215 MA
- WIRE GAUGE: MINIMUM 18 GAUGE
- DIRECT WIRE RUN - NO RELAYS OR ACCESS CONTROL UNITS IN-BETWEEN POWER SUPPLY & MODULE

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

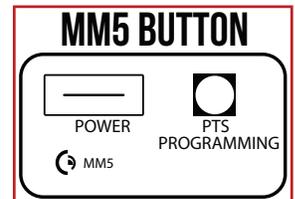
ALL COMMAND ACCESS EXIT DEVICES & FIELD INSTALLABLE KITS HAVE BEEN THOROUGHLY CYCLE TESTED WITH COMMAND ACCESS POWER SUPPLIES AT OUR FACTORY. IF YOU PLAN ON USING A NON-COMMAND POWER SUPPLY IT MUST BE A FILTERED & REGULATED LINEAR POWER SUPPLY.



SETTING PUSH TO SET (PTS)

→ **MAKE SURE TO SET PTS BEFORE FINISHING INSTALLATION** ←

- 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.

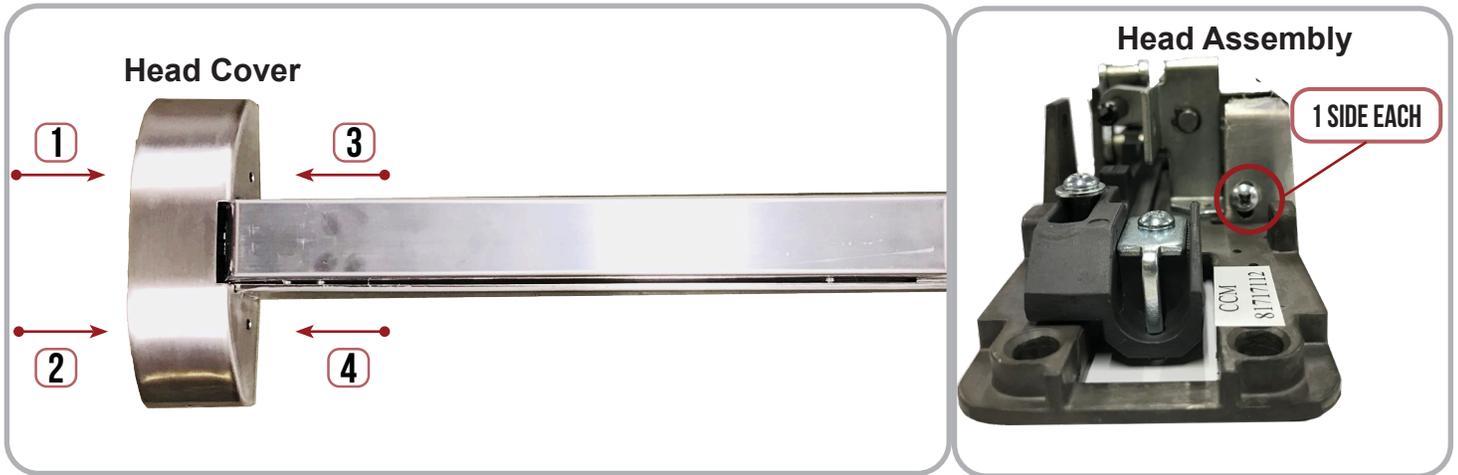


TROUBLESHOOTING & DIAGNOSTICS

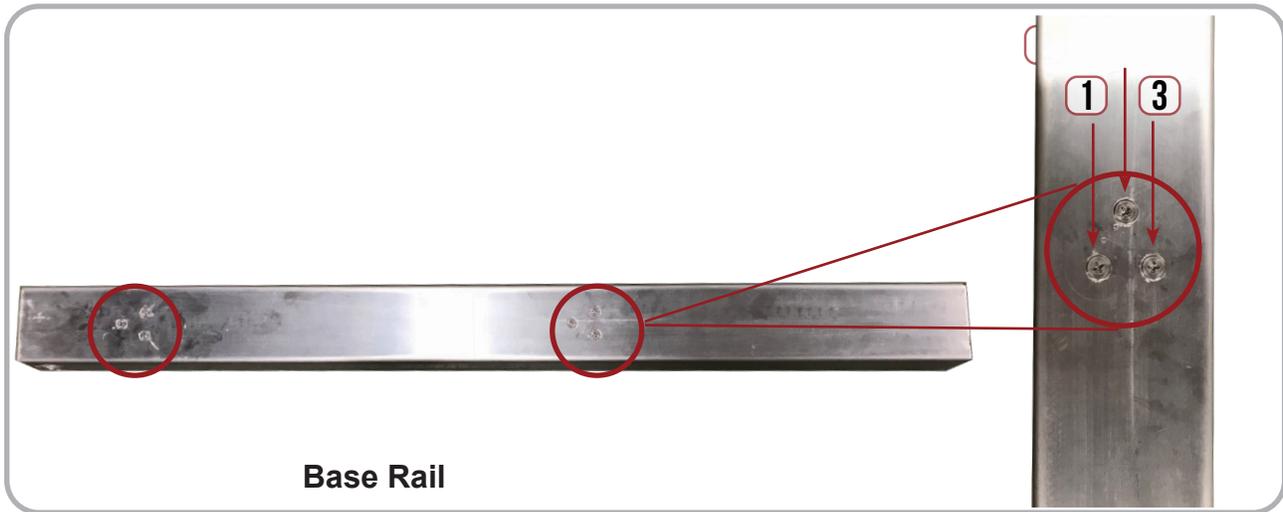
BEEPS	EXPLANATION	SOLUTION
2 BEEPS	OVER VOLTAGE	> 30V UNIT WILL SHUT DOWN. CHECK VOLTAGE & ADJUST TO 24 V.
3 BEEPS	UNDER VOLTAGE	< 20V UNIT WILL SHUT DOWN. CHECK VOLTAGE & ADJUST TO 24 V.
4 BEEPS	FAILED SENSOR	VERIFY ALL 3 SENSOR WIRES ARE INSTALLED CORRECTLY. REPLACE SENSOR IF PROBLEM PERSISTS BY CONTACTING OFFICE.
5 BEEPS	RETRACTION OR DOGGING FAILURE	<p>AFTER 1ST FAIL: 5 BEEPS THEN IMMEDIATELY ATTEMPTS TO RETRACT AGAIN.</p> <p>AFTER 2ND FAIL: 5 BEEPS WITH PAUSE IN-BETWEEN FOR 30 SECONDS THEN DEVICE ATTEMPTS TO RETRACT AGAIN.</p> <p>AFTER 3RD FAIL: 5 BEEPS EVERY 7 MINUTES, DEVICE WILL NOT ATTEMPT TO RETRACT.</p> <p>TO RESET: DEPRESS BAR FOR 5 SECONDS AT ANY TIME.</p>

INSTALLATION INSTRUCTIONS

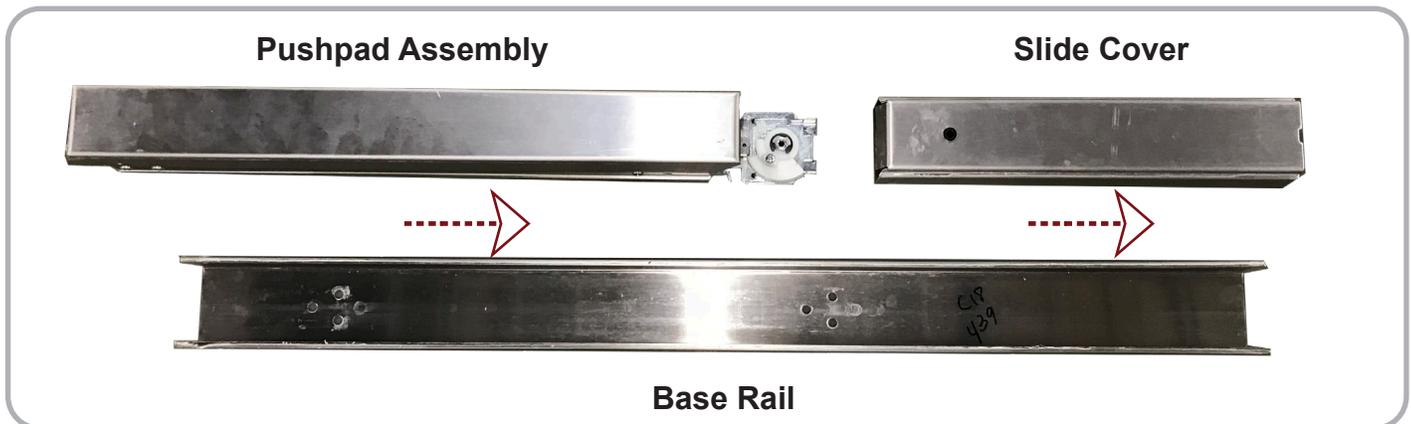
1 Remove **Head Cover** (4 screws) and **Head Assembly** (2 screws).



2 Flip the bar over and remove the **6 Screws** holding the Push Pad Assembly to the **Base Rail**.

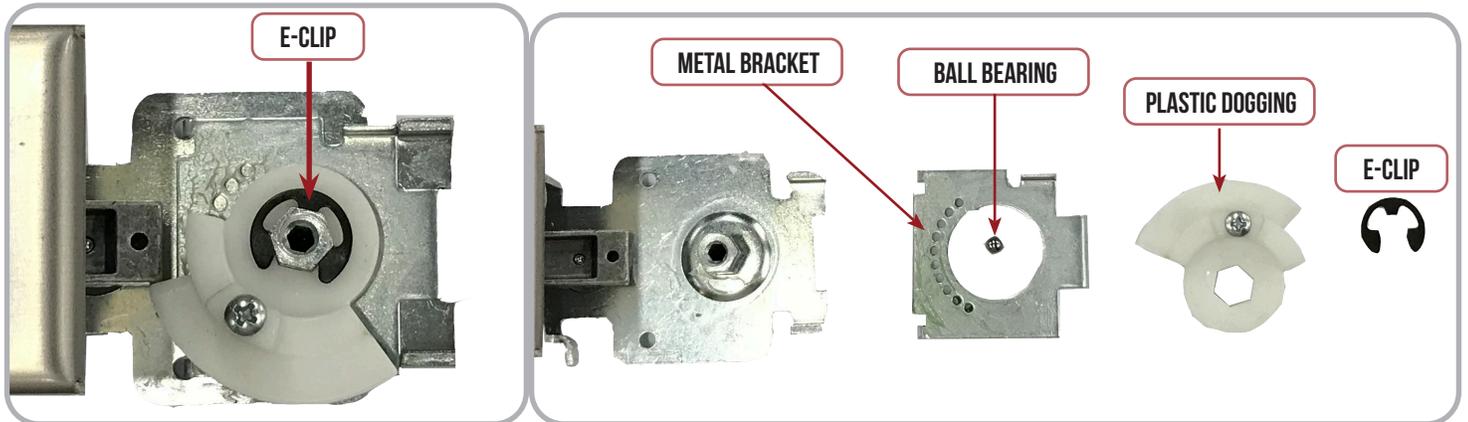


3 Slide **Pushpad Assembly** and **Slide Cover** out of the **Base Rail**.

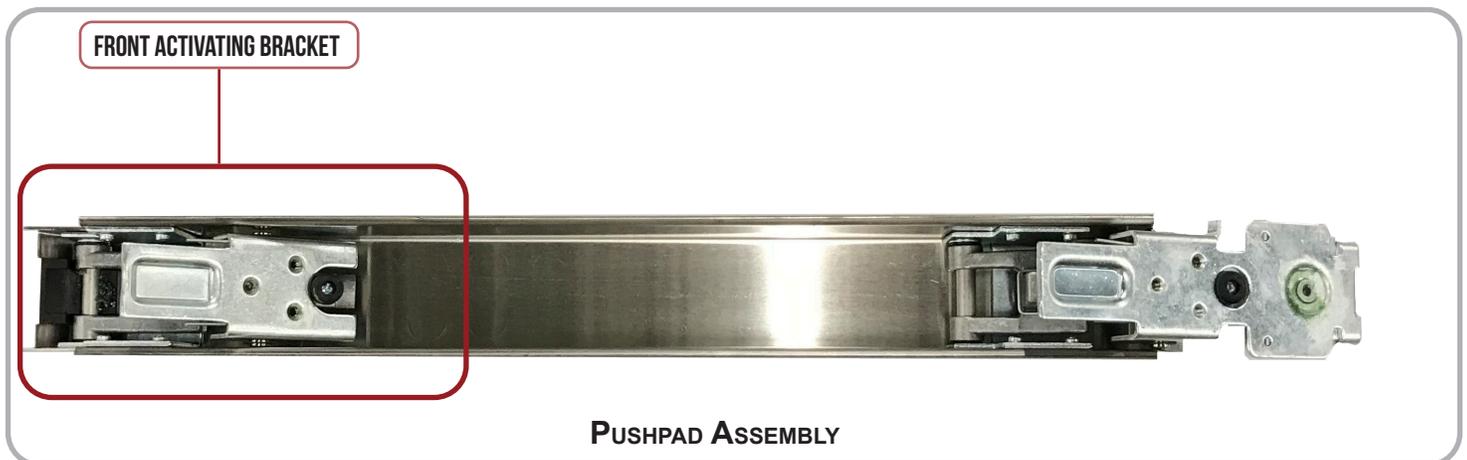


INSTALLATION INSTRUCTIONS

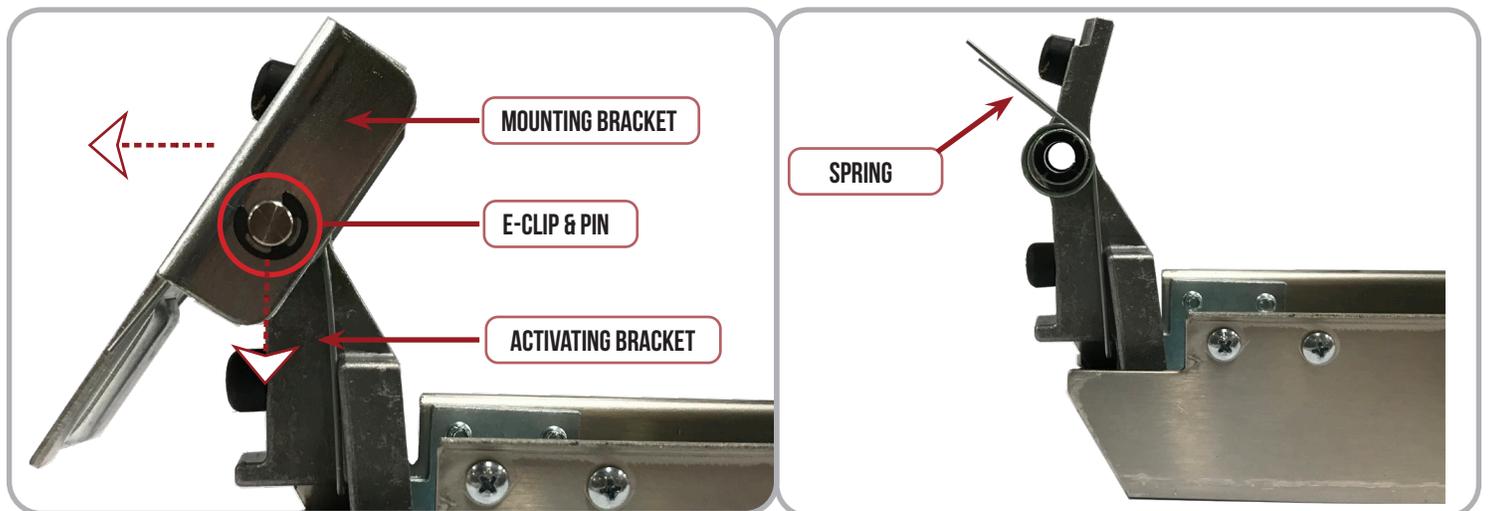
- 4** If you would prefer not to have **Dogging** on your device, simply remove the **E-Clip** and the **Plastic Dogging Piece**, **Ball Bearing** and **Metal Bracket** can be taken off.



- 5** Flip **Pushpad Assembly** over and locate the **Front Activating Bracket**.

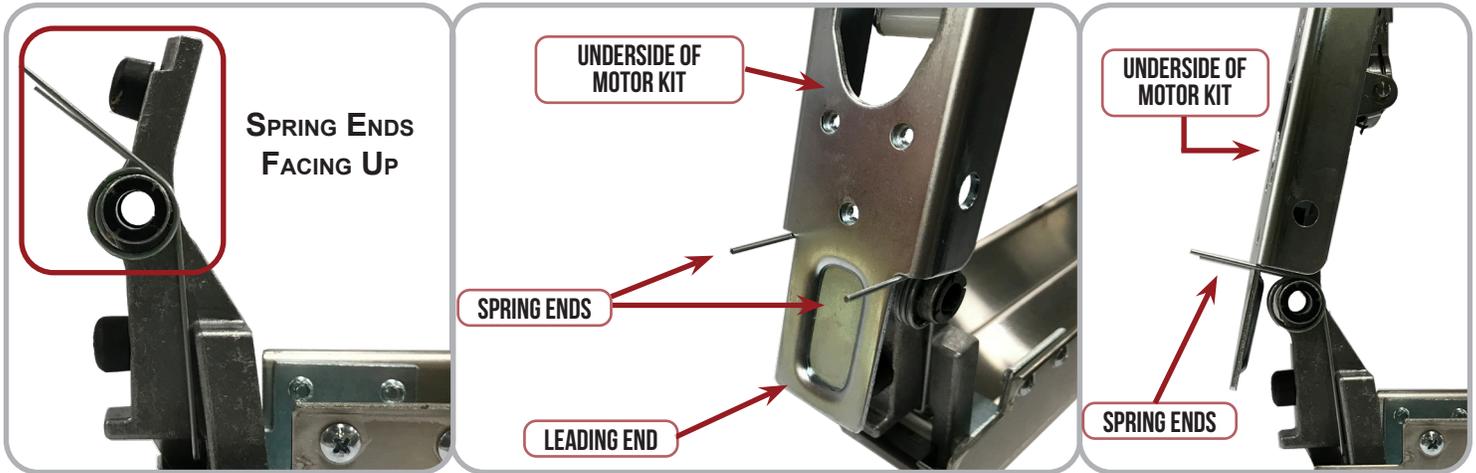


- 6** Remove the **E-Clip** from the **Pin** that holds the **Mounting Bracket** to the **Activating Bracket**. Slide the **Pin** out and take the **Mounting Bracket** off. ***Careful, these Brackets are under spring pressure.**



INSTALLATION INSTRUCTIONS

7 With the **Spring Ends** facing up, slide the **Motor Kit** down and in between them. Ensure the **Spring Ends** are on the sides of the **Leading End** of the **Motor Kit Mounting Bracket**.



8 Use your fingers to hold down the **Spring Ends** and slide the **Motor Kit** until its cutout aligns with the **Activating Bracket's Pin Hole**. Re-install the **Pin** and secure it with the **E-Clip**.

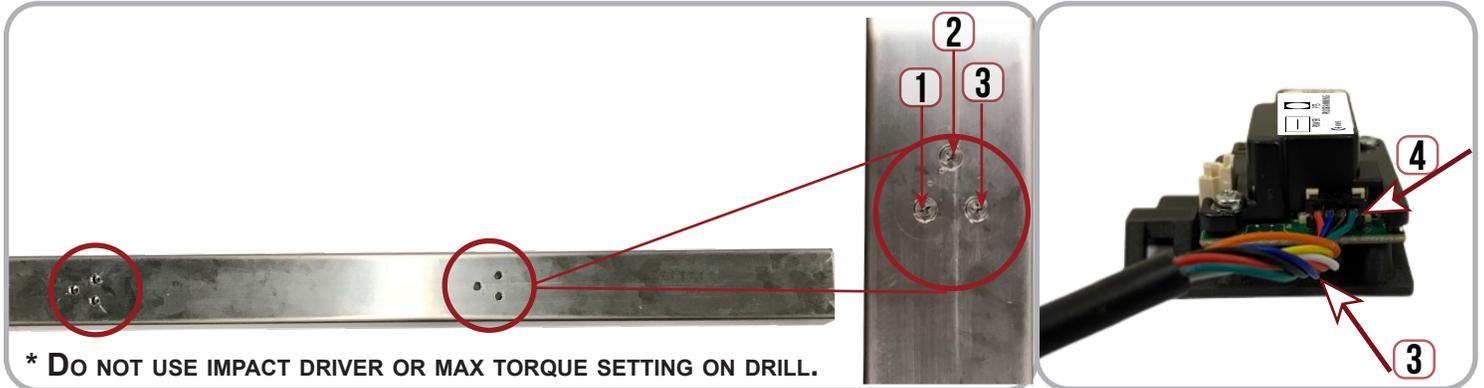


9 Lay the **Motor Kit** down into the **Pushpad Assembly**, then route the **Power Wire** through the **Back Activating Bracket** as shown.

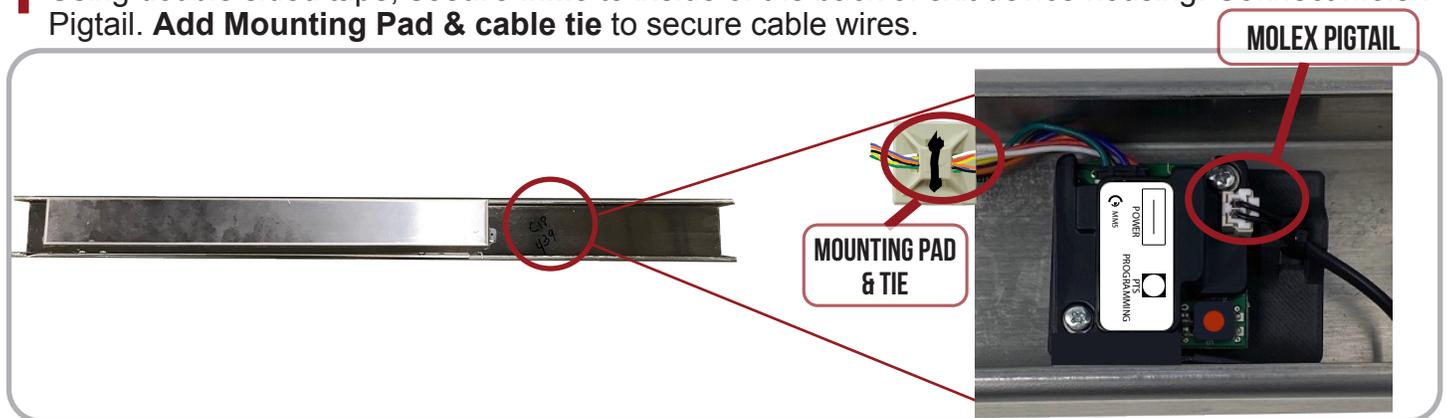


INSTALLATION INSTRUCTIONS

- 10** Slide the **Base Rail** over the **Pushpad Assembly** until all 6 holes are aligned, re-install the screws. Plug-in cable's (4) Pin TOP port & (3) Pin BOTTOM port into MM5 ports.



- 11** Slide the **Base Rail** over the **Pushpad Assembly** until all 6 holes are aligned, re-install the screws. Using double sided tape, **secure MM5** to inside of the back of exit device housing. Connect Molex Pigtail. **Add Mounting Pad & cable tie** to secure cable wires.



- 12** Re-install the **Head Assembly, Head Cover and Cover Plate**. *You may have to turn the plastic dogging piece in order to fully install the Slide Cover. Connect to Power & **Set Push To Set** position following the instructions below.



- 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.

