

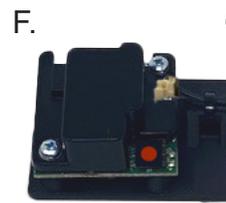


MLRK1-DOR

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

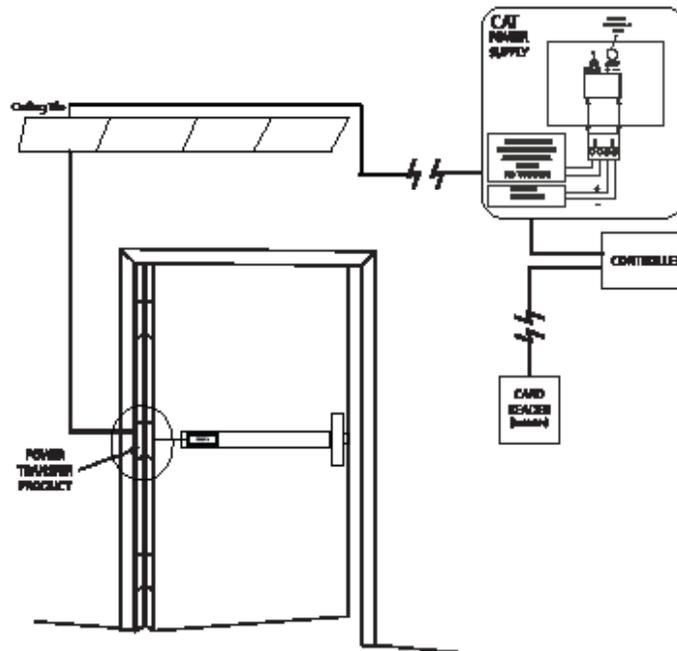
- INPUT VOLTAGE: 24VDC +/- 10%
- AVERAGE LATCH RETRACTION CURRENT: 900 MA
- AVERAGE HOLDING CURRENT: 215 MA
- WIRE GAUGE: MINIMUM 18 GAUGE
- DIRECT WIRE RUN - NO RELAYS OR ACCESS CONTROL UNITS IN-BETWEEN POWER SUPPLY & MODULE

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.



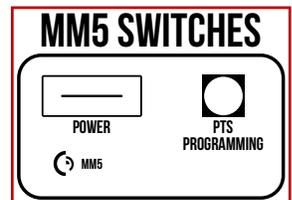
SETTING PUSH TO SET (PTS)

TO PUT THE DEVICE IN PTS MODE, FOLLOW THESE STEPS:

- Depress the MM5 button.
- Apply power and listen for short beep, which indicates that the device is now in PTS mode.
- Remove power.
- Release the button, but make sure you don't release it until the power is no longer going to the motor.

SET ADJUSTMENT:

- Depress the pushpad fully then release it 1/32", & hold.
- Apply power.
- Continue to hold the pushpad until the device gives you long beep.
- Remove power.



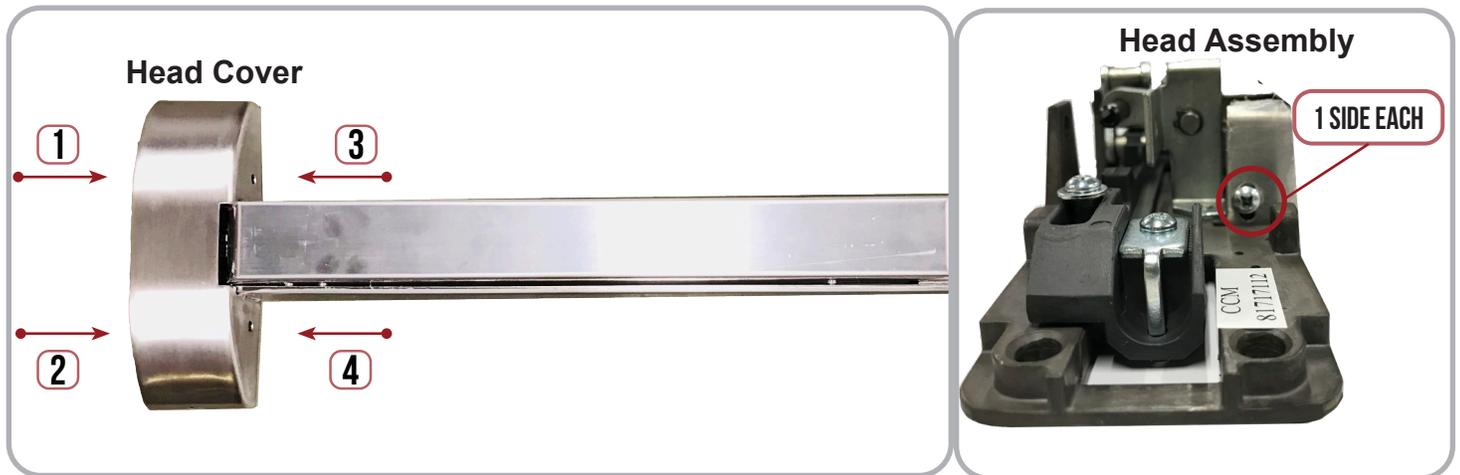
Note: Test the new location multiple times; if not to your liking, repeat the steps.

TROUBLESHOOTING & DIAGNOSTICS

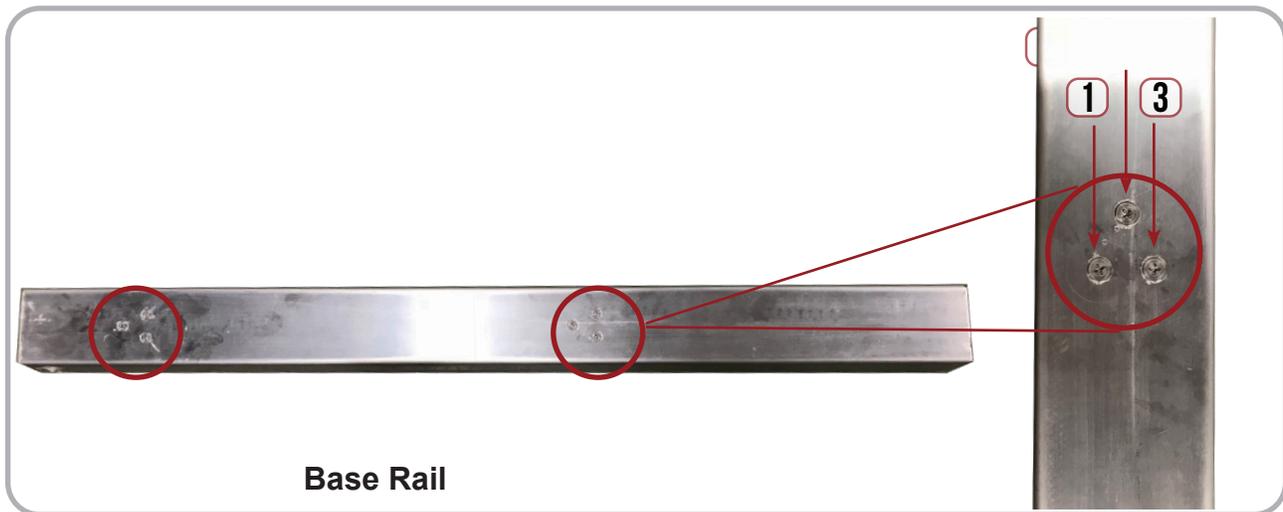
BEEPS	EXPLANATION	SOLUTION
2 Beeps	Over Voltage	> 30V unit will shut down. Check voltage & adjust to 24 V.
3 Beeps	Under Voltage	< 20V unit will shut down. Check voltage & adjust to 24 V.
4 Beeps	Failed Sensor	Verify all 3 sensor wires are installed correctly. Replace sensor if problem persists by contacting 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.

INSTALLATION INSTRUCTIONS

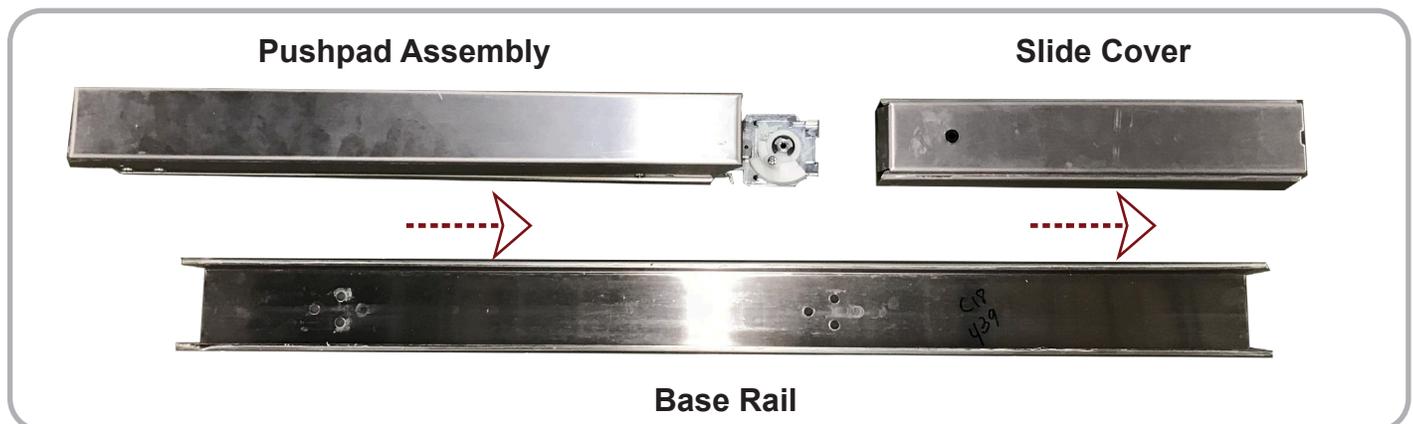
- 1** Remove **Head Cover** (4 screws) and **Head Assembly** (2 screws).



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

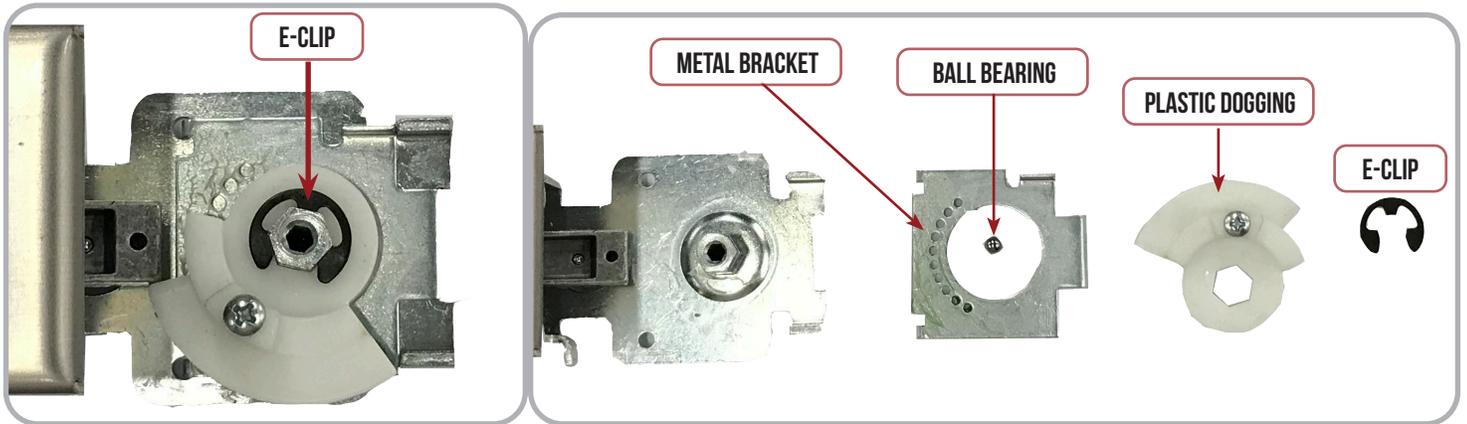


- 3** Slide **Pushpad Assembly** and **Slide Cover** out of the **Base Rail**.

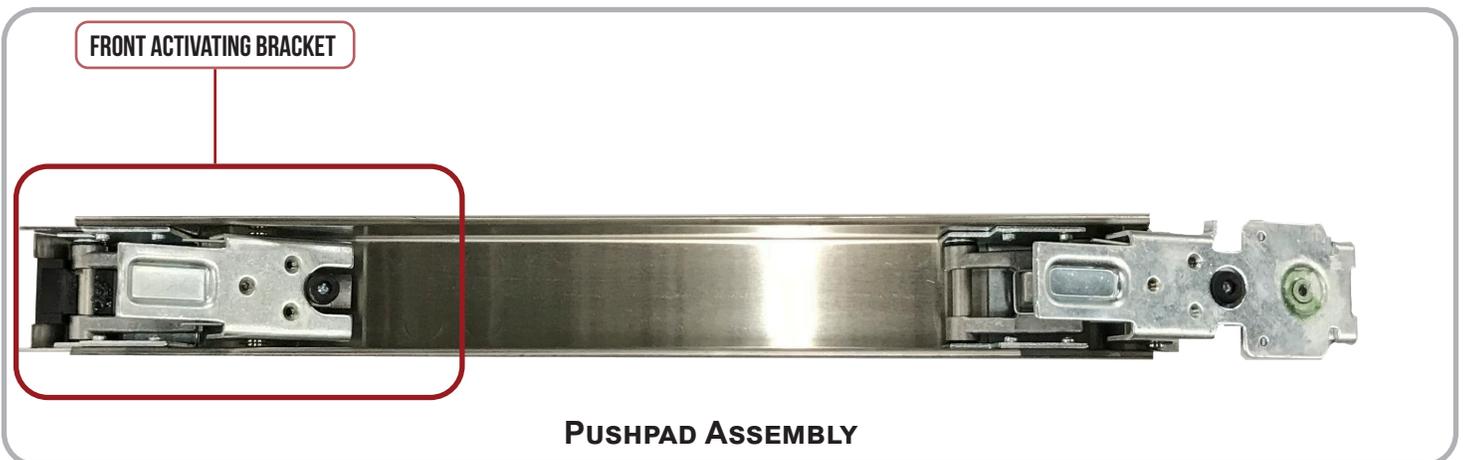


INSTALLATION INSTRUCTIONS

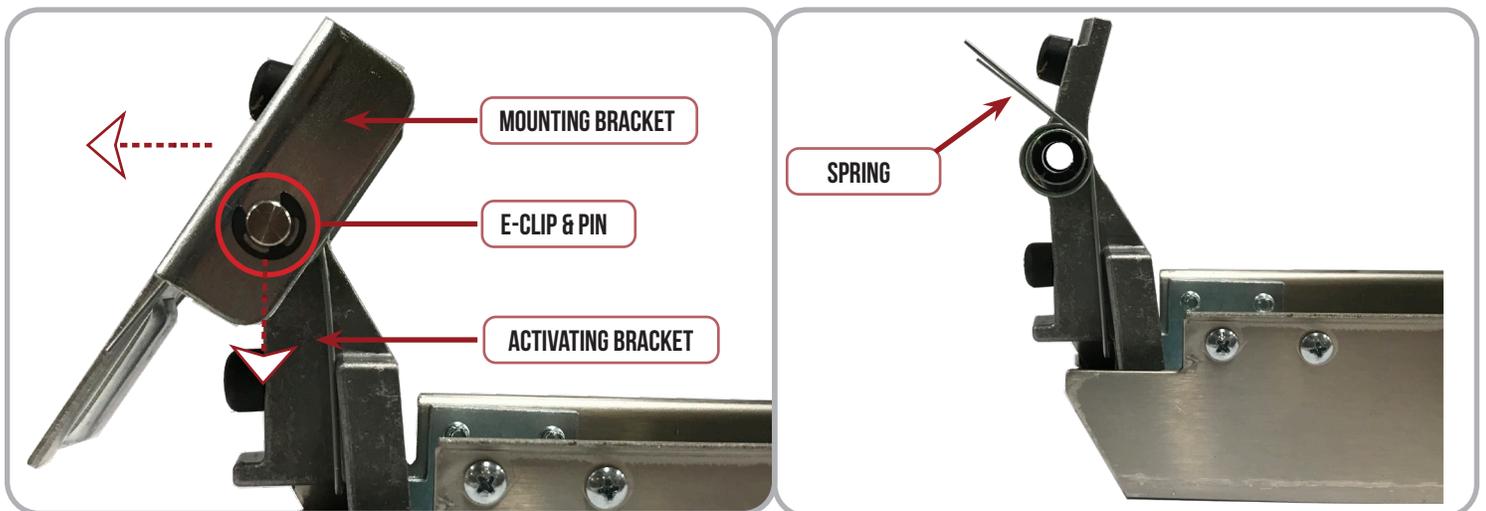
4 If you would prefer not to have **Dogging** on your device, simply remove the **E-Clip** and the **Plastic Dogging Piece**, **Ball Bearing** and **Metal Bracket** can be taken off.



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

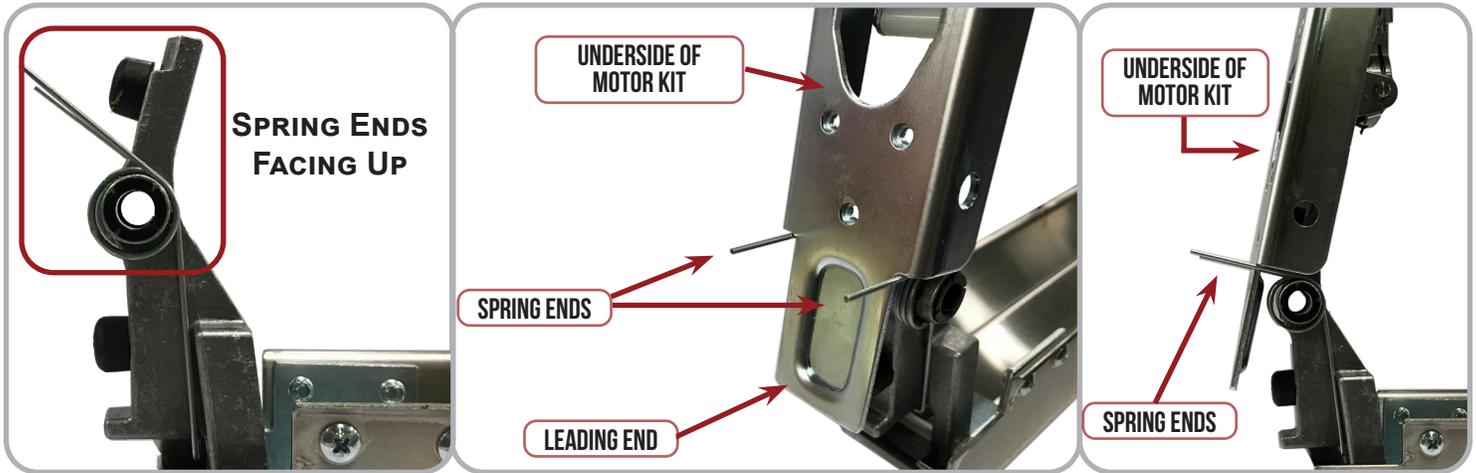


6 Remove the **E-Clip** from the **Pin** that holds the **Mounting Bracket** to the **Activating Bracket**. Slide the **Pin** out and take the **Mounting Bracket** off. ***Careful, these Brackets are under spring pressure.**



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**.



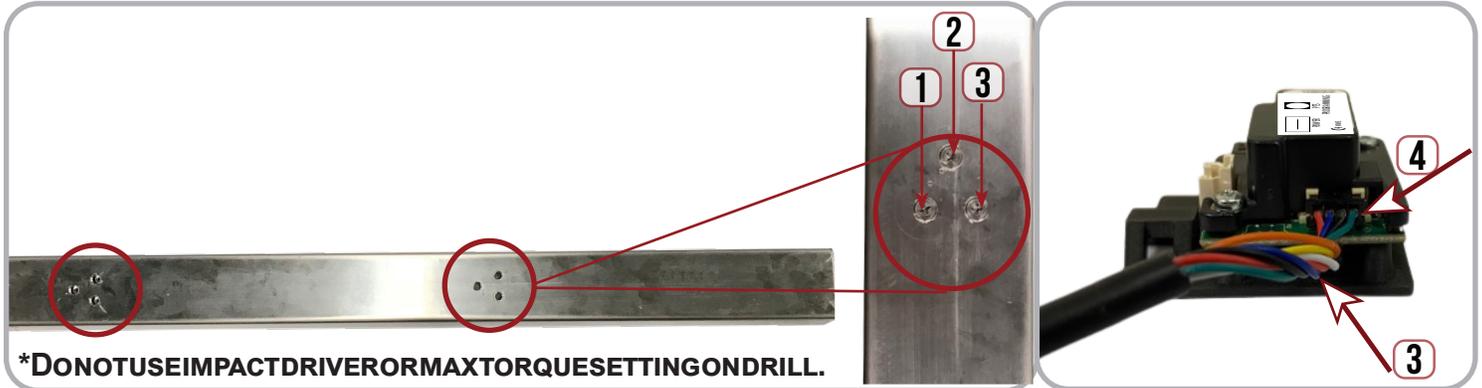
9 Lay the **Motor Kit** down into the **Pushpad Assembly**, then route the **Power Wire** through the **Back Activating Bracket** as shown.



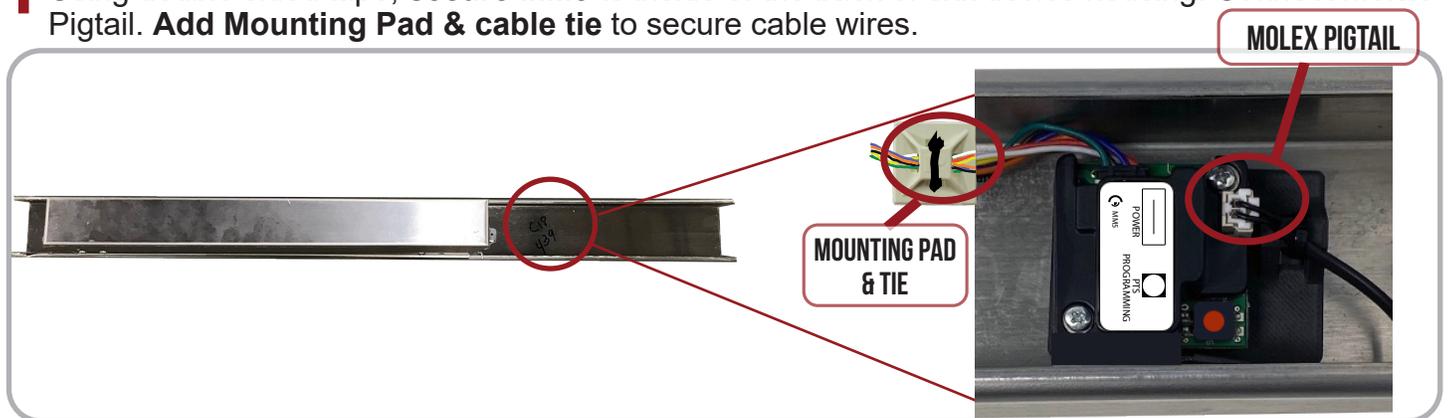
INSTALLATION INSTRUCTIONS



- 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.

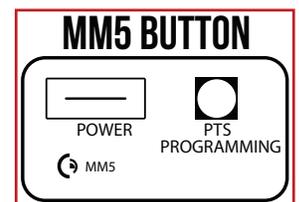


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