

MLRK1-VD



INSERT INSTRUCTIONS

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

- MLRK1-VD - Von Duprin 98/99 & 33/35 series devices
- MLRK1-VDAX - Von Duprin 98/99AX & 33/35AX series devices
- MLRK1-GL - General Lock ED9000 series devices
- MLRK1-GLX - General Lock EDX9000 series devices

A.



B.



C.



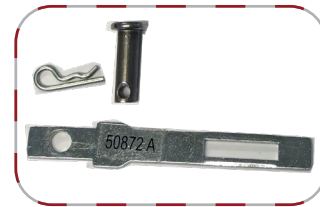
D.



E.



F.



KIT INCLUDES

- A. 1- MOTOR MOUNT W/MM5
- B. 2-40002 - 8/32 X 1/4" PHILLIPS HEAD SCREW
- C. 1-50944 - MOLEX PIGTAIL
- D. 1-40144 - DOGGING HOLE CAP
- E. 1-50991 - FIRE RATED DRILLING TEMPLATE (OLD BASERAILS)

FIRE RATED DOGGING KIT

- F. 1-REPLACEMENT DOGGING TAIL PIECE (40006 + 40800 + 50872)



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

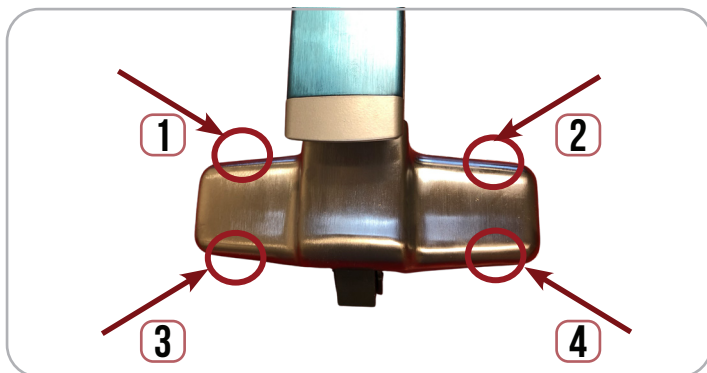
BUILT-IN REX

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

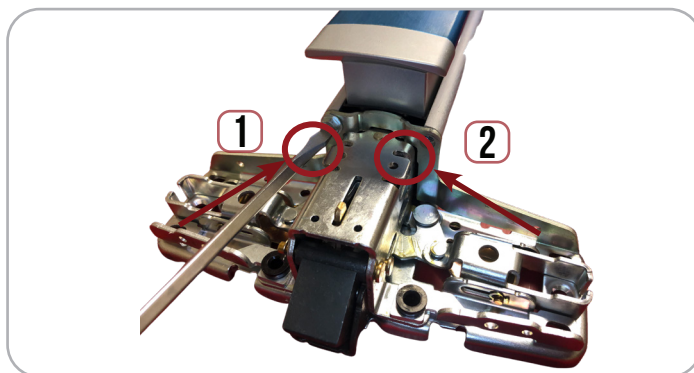
RECOMMENDED POWER SUPPLIES: USE A POWER LIMITED CLASS 2 POWER SUPPLY

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.

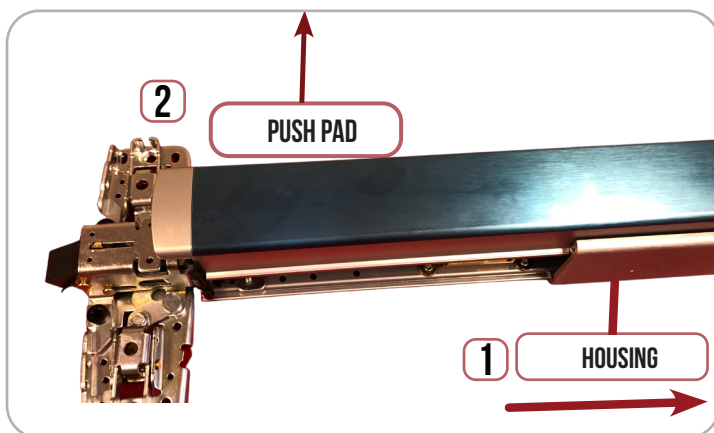
- 1.** Remove (4) screws from **Head Cover**.



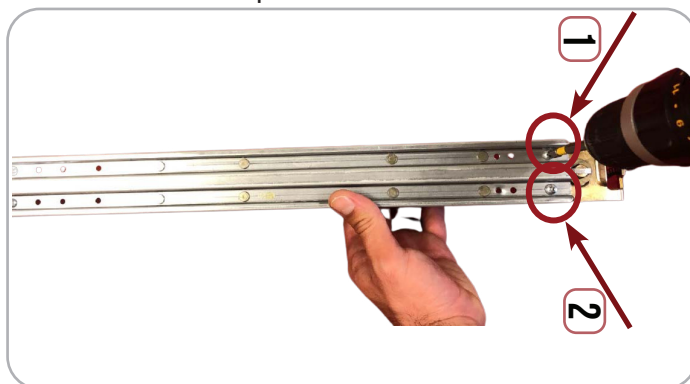
- 2.** Remove (2) **Screws** securing mounting bracket to housing.



- 3.** Slide off (1) **Housing** to expose Pushpad & Baserail Assembly. Next, (2) remove push pad.

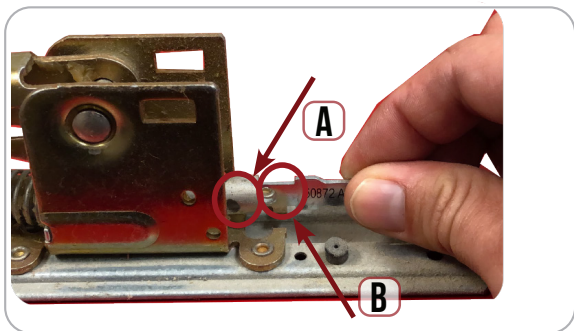


- 4.** If your device has **Mechanical Dogging**, flip Baserail over & remove (2) screws securing dogging to Baserail. If you have rivets, you will need to drill or punch them out.

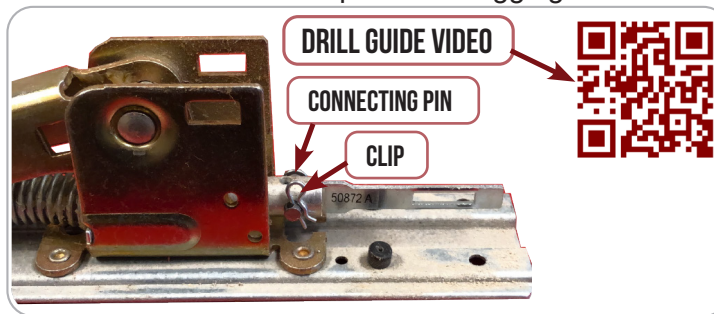


FOR FIRE RATED DEVICES ONLY - NON-RATED SKIP TO STEP 7

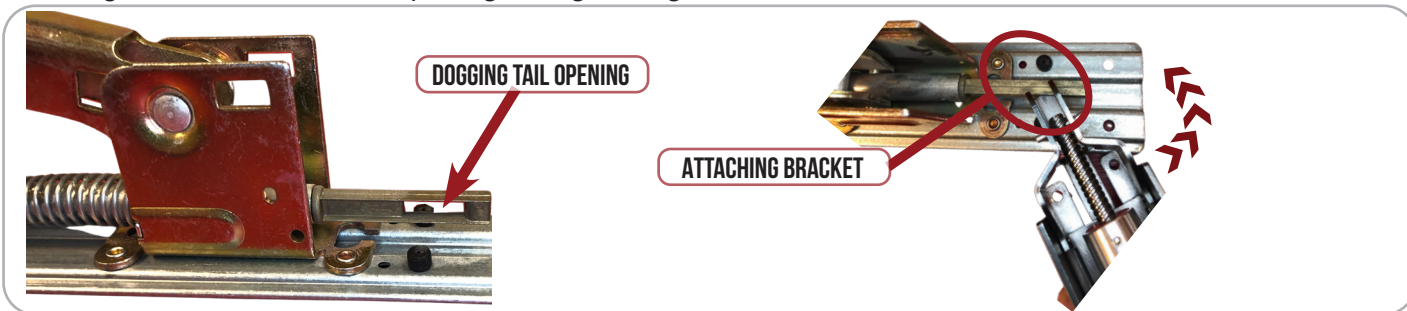
- 5.** Use **Replacement Dogging Tail (50872)**, & insert into the connection rod.



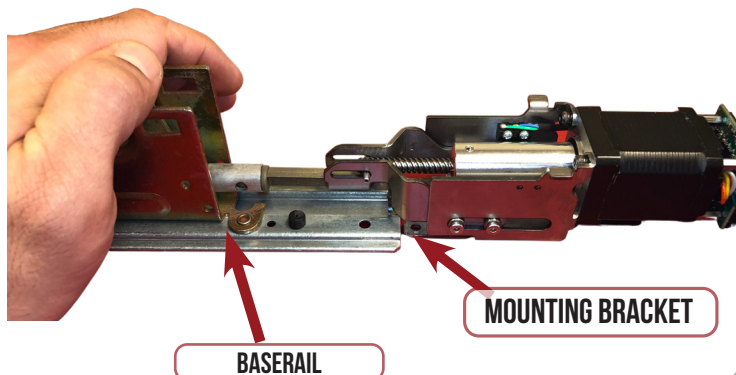
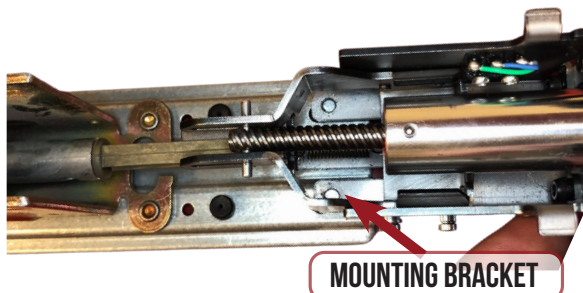
- 6.** Line up **Holes A & B**, insert pin & secure it with the clip provided. If you have an older device without Hole B, please scan the QR code for a video how to use the provided dogging kit.



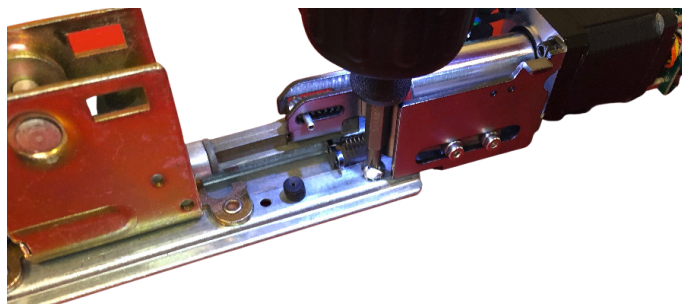
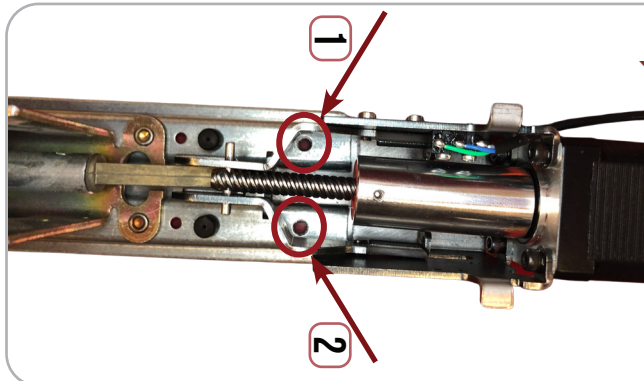
- 7.** The attaching bracket on your motor kit will slide into the dogging tail opening at a slight angle. Once the attaching bracket is inside the opening, straightening the motor kit.



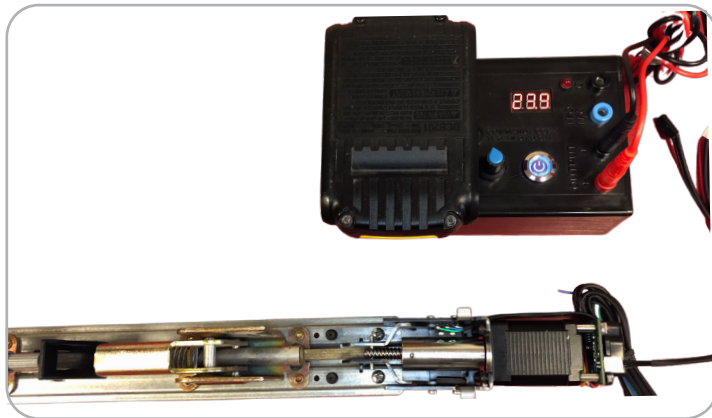
- 8. Straighten Motor kit,** depress the back activating bracket & gently pull back on the motor kit to slide the mounting bracket UNDERNEATH the baserail.



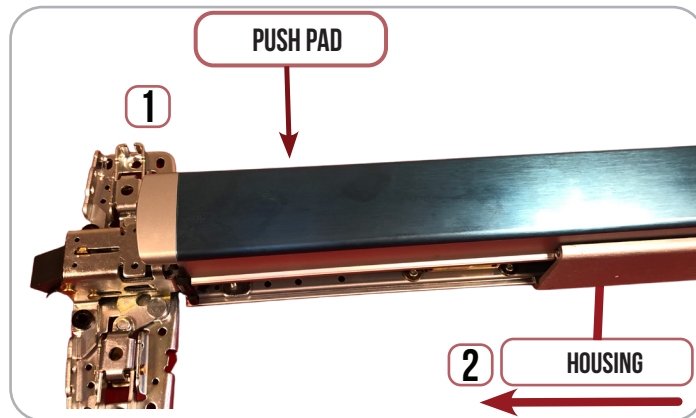
- 9.** Line up mounting bracket holes with existing holes on baserail. **Secure Motor kit** to baserail by installing (2) screws provided from the top of the device, not from underneath.



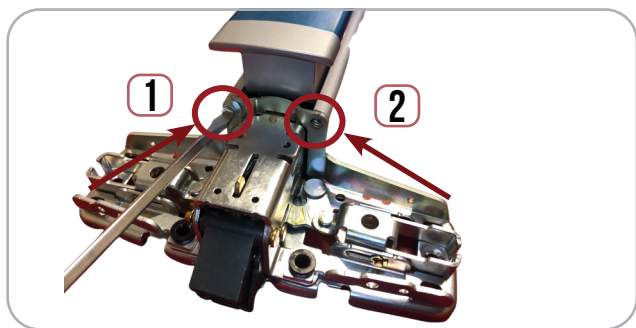
- 10. Test Motor kit** on baserail to confirm it is function properly.



- 11. Re-install Push Pad (1),** then slide the exit device housing back onto the device (2) .

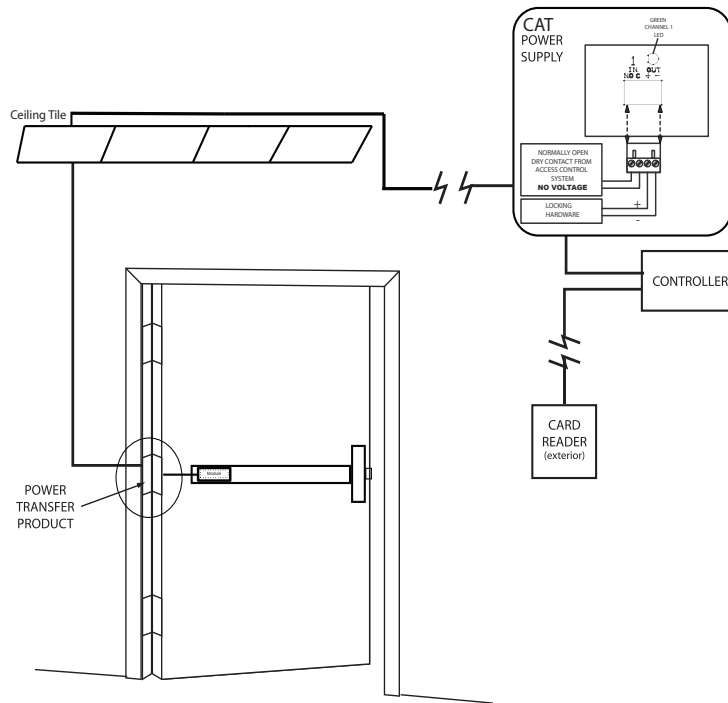


- 12. Re-install Mounting Bracket.**



- 13. Set Push to Set (PTS) (directions on page 4).**





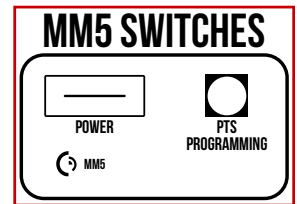
SETTING PUSH TO SET (PTS)

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.