



PD25-UL-M KIT

INSERT INSTRUCTIONS

THE PD25-UL-M-KIT IS A FIELD INSTALLABLE MOTORIZED LATCH PULLBACK FOR CAL ROYAL 7700 & PD26 SERIES.



KIT INCLUDES

- A. 1 Motor Mount w/ MM4S series module
- B 1 #50326 Link Pin
- C. 2 #40145 Retaining Ring
- D. 1-8' Lead with VD Connector
- E. 1 Push & go connector
- F. 1 Dogging Hole Cap
- 6. 2 #40333 Phillips Head Screw

TOOLS REQUIRED

- Cordless Drill
- Phillips head screwdriver

US customer support 1-888-622-2377 | www.commandaccess.com | CA customer support 1-855-823-3002

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TECHNICAL INFORMATION



MM4S SWITCHES			
1	OFF	STANDARD TORQUE	
	ON	HIGH TORQUE	
ŋ	ON	PTS PROGRAMMING ON	
2	OFF	PTS PROGRAMMING LOCKED	

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: 1 Amp Average Holding Current: 215 mA

HIGH TORQUE MODE

Average Latch Retraction Current: 2 Amp Average Holding Current: 250 mA

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. (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 pad depressed, the device will beep 6 times. After the beeps have stopped, release the pad and now the adjustment is complete. 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.
6 Beeps	PUSH TO SET	Device is recording it's new position and power mode after the 6th beep.



ELECTRIFIED EXIT DEVICE Installation Example





RECOMMENDED POWER SUPPLIES:

PUSH N' GO CONNECTOR *Non-polarity sensitive*

All Command Access exit devices & field installable kits have been thoroughly cycle tested with Command Access power supplies at our factory.

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For more information <u>click here</u> or go to our website





INSTALLATION INSTRUCTIONS

1. Un-dog push pad with dogging key found in box.



3. Loosen screws (2) and remove dogging bracket.

2. Once loose, slide off back filler plate exposing dogging .



4. Once removed, slide push pad assembly out the back of the device.





5. When top push pad is removed, flip the device over and remove dogging screw.





CONTINUED



6. Remove roll pin from back of connecting rod by detaching "C" clip from either side. (1) Remove pin completely. (2)



7. Remove roll pin SUPPLIED WITH PD25 Kit (3) and line up holes on attaching bracket to device holes. (4)



8. Push roll pin through kit and device holes and attach "C" clips. (5) Once attached, attaching bracket is secure. (6)





- **9.** Once the kit is secure with the pin, lift up and insert back screw into the bottom dogging hole. Do not tighten until device is assembled.
- **10.** Once the kit is secure with the pin, lift up and insert back screw into the bottom dogging hole. Do not tighten until device is assembled. Once kit is connected, flip device over and put screws back in dogging holes.





CONTINUED



11. Flip back over and slide push pad with motor back into exit device.

12. Push all the way to the front of device (1) and push latch under top of pad. (2)







- 13. Once push pad is back inside device. line up the screw supplied with the motor kit & the existing hole in the housing(1). tighten back screw to hold motor in place.(2)
- 4. Slide filler plate back into place. Connect to power supply to test and set " Push to Set", follow steps below.

EXISTING HOLE







SETTING PTS

- **STEP 1-** Select your preferred torque mode (ships in standard torque) Press the device push pad to the desired setting. (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 pad depressed, the device will beep 6 times. After the beeps have stopped, release the pad and now the adjustment is complete. If not to your liking repeat the three steps.



