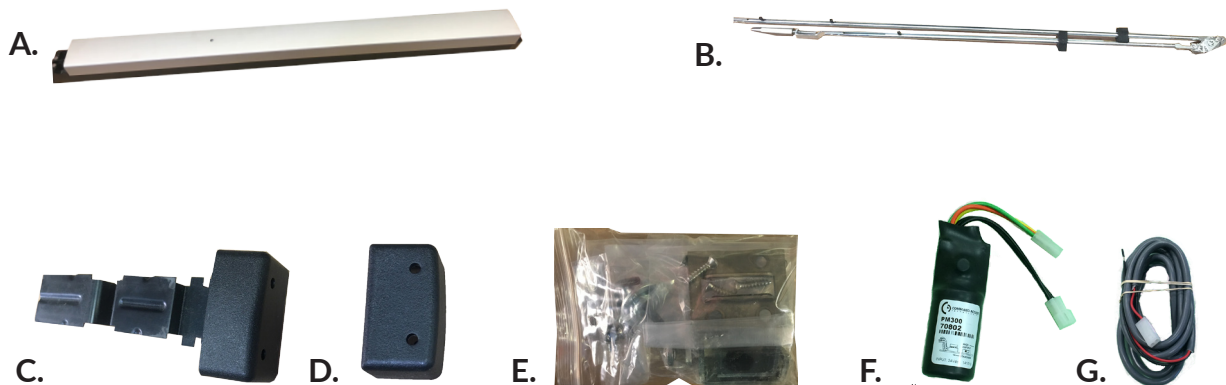


PD18-CVR

INSTALLATION INSTRUCTIONS

The PD18-CVR is a storefront grade 1 exit device equipped with solenoid driven latch retraction and PM300 power module. Retrofits Adams Rite 8600 series.



PD18-M-RIM Includes

- A. CVR Device
- B. CVR Rods
- C. Head Cover End Cap
- D. Hinge Stile End Cap
- E. CVR Strike pack
- F. PM300 - Installed in exit device
- G. 6' Power Lead

Tools Required

- Cordless Drill
- Needle nose Pliers
- Measuring Tape
- 3/4" Drill Bit
- 5/32 Drill Bit
- Counter Sink Bit
- 1 1/4" Hole Saw

TECHNICAL INFORMATION

SPECIFICATIONS

- Wires: Input to PM300 non-polarized Black (+)(-)
- Operating Voltage Range: 24-30 VDC
- Coil Resistance - Primary Coil: 2 ohms; Holding Coil : 125 ohm
- Output from PM300: Yellow=Pull Coil; Orange= Hold Coil; Green=Common

SCAN ME



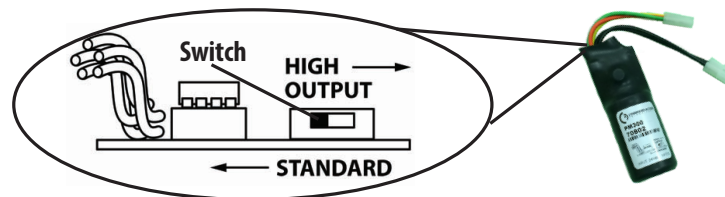
PM300 Compatibility Chart

Standard Mode

- Fuse: Glass 3.5 - 5A, Resettable 1A trip
- Relay: 5A or greater

High Output Mode

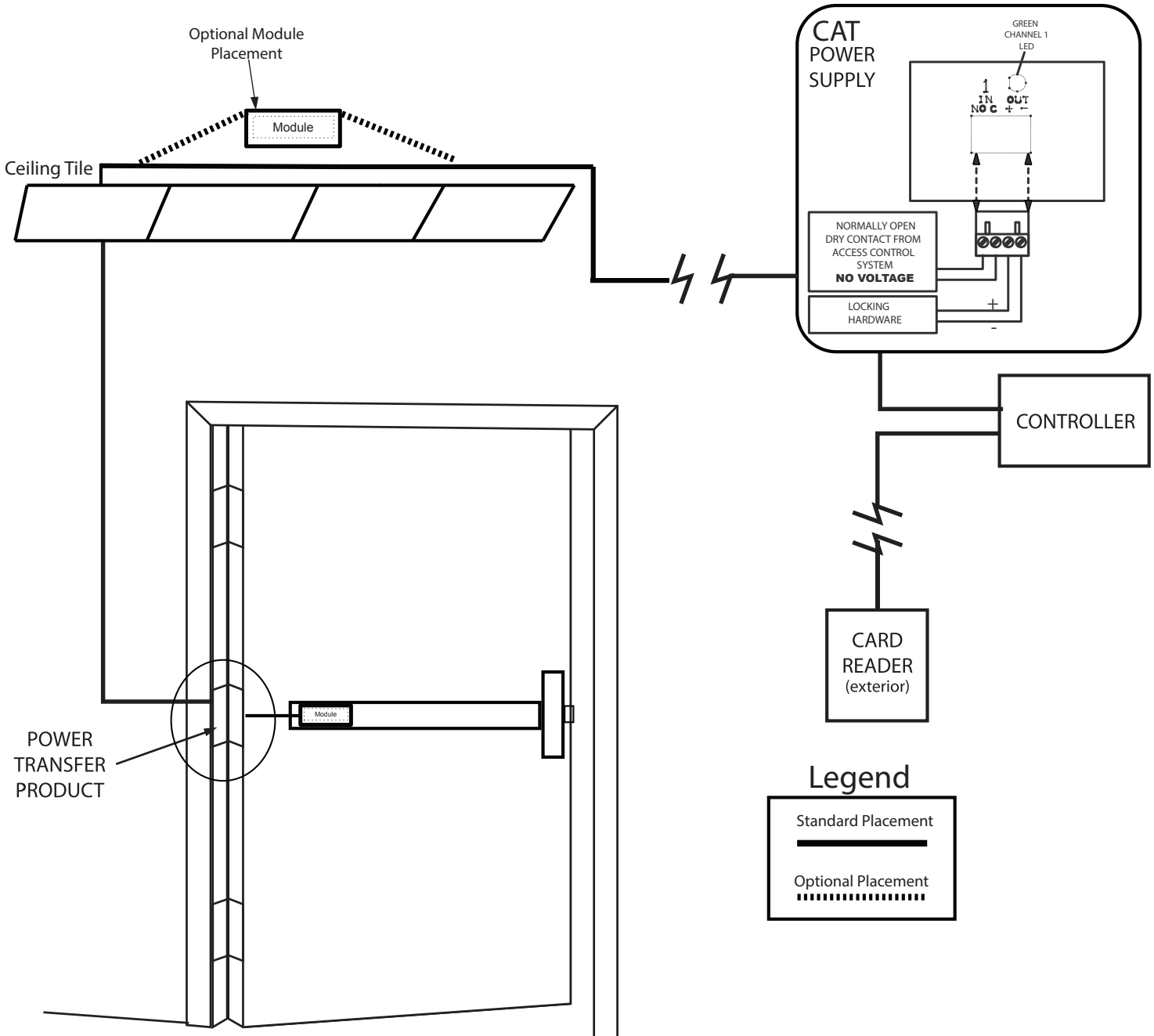
- Fuse: Resettable 2A trip
- Relay: 10A or greater



TROUBLESHOOTING & DIAGNOSTICS

SYMPTOM	POSSIBLE CAUSE	SOLUTION
Solenoid pulls back but releases immediately	Solenoid plunger not seating correctly	- Check voltage at the door. - Check hold-open timing.
Solenoid pulls back and holds, but does not retract latch far enough	Vertical rod out of adjustment	Check vertical rod adjustment
Solenoid has excess delay time and/or drop out	Wire run exceeding the maximum recommended distance	Locate power supply within the distances specified

Electrified Exit Device Installation Example



RECOMMEND POWER SUPPLIES:

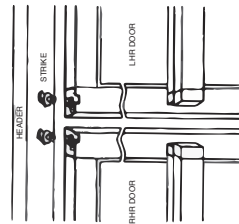
All Command Access exit devices & field installable kits have been thoroughly cycle tested with Command Access power supplies at our factory.

- PS210
- PS440B
- PS1
- PS5-4
- PS220/220B
- PS480B
- PS2/2B



For more information [click here](#) or go to our website

INSTALLATION INSTRUCTION CHECKLIST

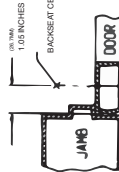


IMPORTANT

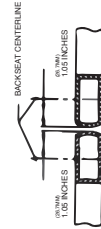
THIS DEVICE IS UNHANCED. IT CAN BE INSTALLED IN EITHER LEFT HANDED OR RIGHT HANDED DOORS. THE VOKES TYPE DOOR HANDLE IS NOT APPLICABLE TO THIS DEVICE. THE VOKES TYPE DOOR HANDLE ALWAYS FACES RIGHT AS VIEWED FROM INSIDE AND LEFT AS VIEWED FROM OUTSIDE. FOR BOTH DOORS, THE DEVICE IS TO BE INSTALLED TOWARD THE RIGHT OF THE DOOR'S CENTERLINE.

NOTE: STEPS 1-4 ARE MORE EASILY ACCOMPLISHED IF DOOR IS INSTALLED ON FRAME.

HOW TO FIND BACKSET



SINGLE DOOR



BEVEL STYLE AND FLAT STYLE APPLY TO SINGLE DOOR ONLY.

STEP 1

(1) MARK BAR HEIGHT ON INSIDE OF DOOR STYLE (IF CYLINDER WILL BE FITTED)

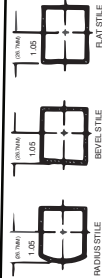
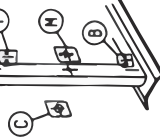


(2) MARK SPOCKET CENTERLINE AT TOP BAR HEIGHT AND BOTTOM BAR HEIGHT AND LOCATE MOUNTING POINTS ON INSIDE OF DOOR CYLINDER (IF FITTED)



STEP 2

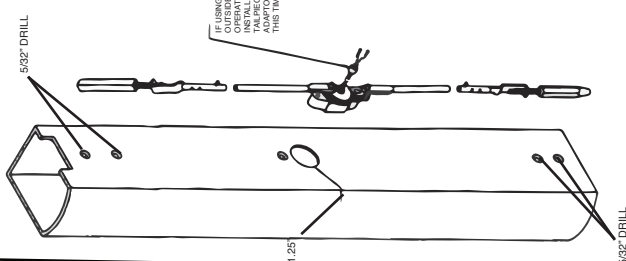
(3) PEEL OFF BRACKING STOCK ON INSIDE OF DOOR STYLE AND NOTCH, DRILL AND COUNTER SINK WHERE SHOWN.



BACKSET IS MEASURED AT CENTERLINE, NOT THE EDGE.

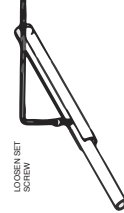
STEP 3

LAY ROD MECHANISM ON PREPARED DOOR WITH GEAR PLATES OUTWARD AND CASTING RESTING IN L.H. (OR R.H.) MOUNTING POINT.



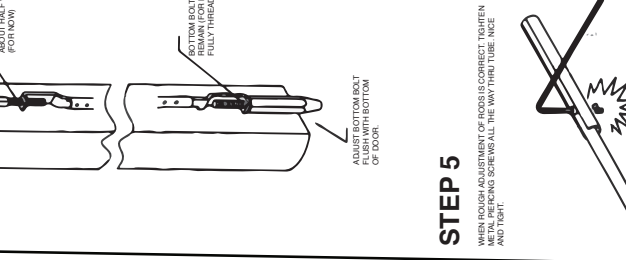
STEP 4

ADJUST RODS TO APPROXIMATE LENGTH (FOR BEST RESULTS USE 1/8" GAUGE)



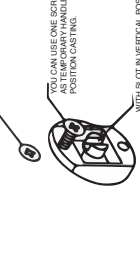
STEP 5

WHEN FINISH ADJUSTMENT OF RODS IS COMPLETED, TIGHTEN METAL PERKING SCREWS ALL THE WAY THEN TIGHTEN AND TIGHT.



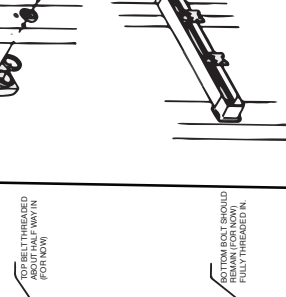
STEP 6

WITH SLOT IN VERTICAL POSITION.



STEP 7

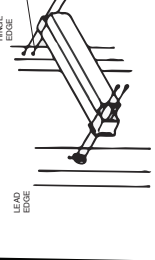
INSTALL CYLINDER KIT IF FITTED



STEP 8

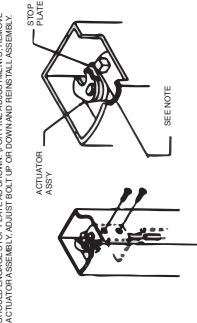
SEPARATE PUSH BAR FROM MOUNTING BRACKET SHOWN. POSITION AND MARK HOLE SIDE FOR MOUNTING HOLES.

INSURE BAR DRILL USE 3/8" DIA. DRILL AS IN FRASE EDGE. INSTALL BAR WITH TWO #10 X 1/4 (8MM) SELF TAPPING SCREWS AT FRASE EDGE AND TWO #10-32 X 1/2 (18MM) MACHINE SCREWS AT LEAD EDGE.



STEP 9

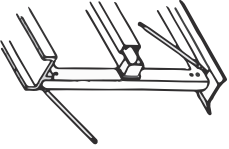
INSTALL TOP BELT ACTUATOR ASSEMBLY AND BE SURE WITH TWO SCREWS WITH METAL PERKING SCREWS AT LEAD EDGE AND TWO SCREWS AT FRASE EDGE. REMOVAL ACTUATOR ASSEMBLY, ADJUST BOLT UP OR DOWN AND REINSTALL ASSEMBLY.



NOTE: SQUARE BOLT MUST BE FLUSH WITH TOP OF STOP PLATE

STEP 10

REMOVE STRIKE, MARK BACKSET CENTERLINE ON HEADER AND THRESHOLD. ALSO MARK WHERE FACE OF CLOSED DOOR RESTS. APPLY CLEAR TEMPLATES AND DRILL STRIKE HOLES.



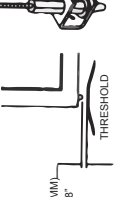
STEP 11

POSITION STRIKE PLATE ASSEMBLY ON HEADER, THEN TIGHTEN SECURELY WITH HEX WRENCH.



STEP 12

(1) HOLD DOOR OPEN
 (2) DEPRESS AND RELEASE PUSH BAR
 (3) ADJUST BOTTOM BOLT SO IT CLEARS THRESHOLD BY 1/8"
 (4) TIGHTEN BOTTOM GUIDE AND SECURE WITH TWO SCREWS



STEP 13

INSTALL PUSH BAR END CAPS

