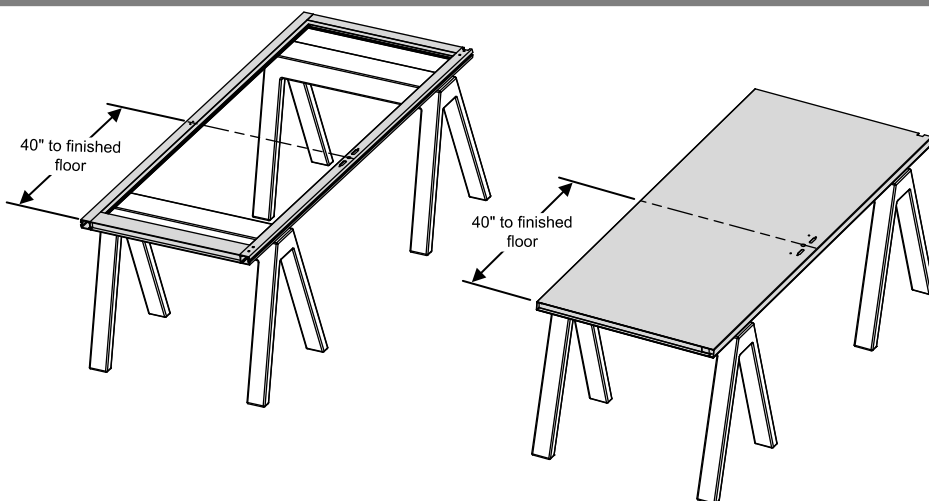


# PD27/28/29/30 INSTALLATION INSTRUCTIONS

## CVR DEVICE



888-622-2377 | commandaccess.com



### 1. PREPARE DOOR

- Prepare door according to template.
- Refer to trim template if installing trim.

### 2. ASSEMBLE RODS & LATCHES

- Thread CVR linkage into each rod to approximate middle of threads

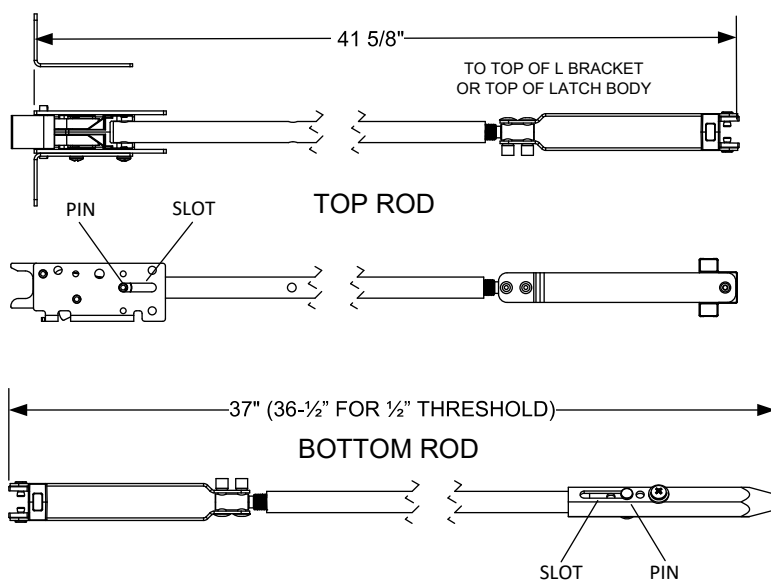
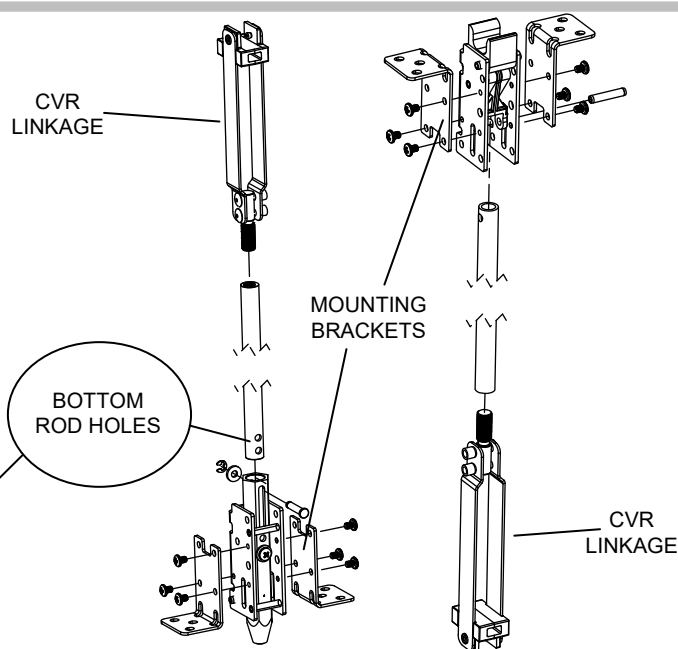
Steel Door – Attach mounting brackets as shown

Wood Door– Attach single mounting bracket on each latch (toward hinge side)

Alum Door – Continue to next step

#### THRESHOLD NOTE:

When using ½" threshold, move bottom rod attachment pin to upper hole in bottom rod.



### 3. ADJUST RODS

When measuring, be sure length is in the collapsed pin position as shown.

**TOP ROD LENGTH:** Measure from top of door to device centerline. Subtract 2 1/4".

Typical 7' Door: 41 5/8"  
(43 7/8" - 2 1/4" = 41 5/8")

**BOTTOM ROD LENGTH:** 37" if device is installed 40" above the finished floor.

20685\_A (639409 Rev2)

# PD27/28/29/30 INSTALLATION INSTRUCTIONS

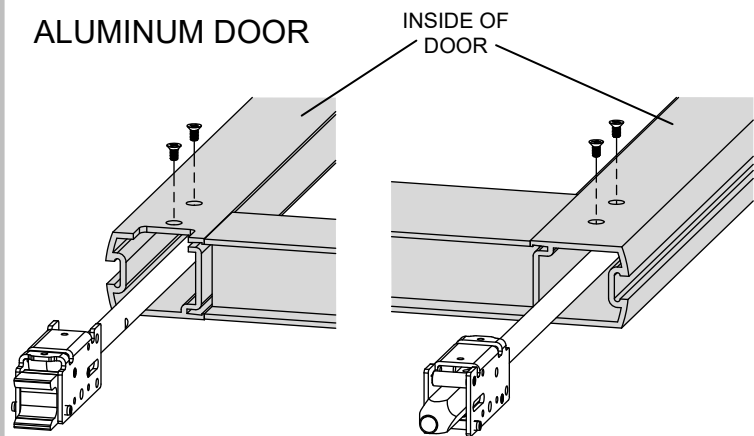
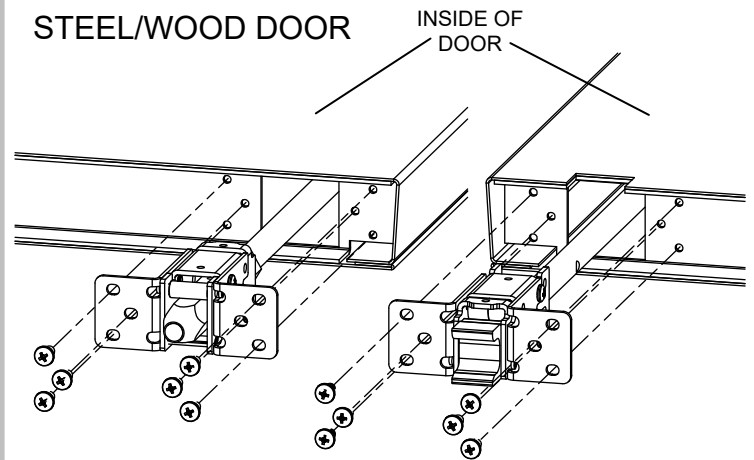
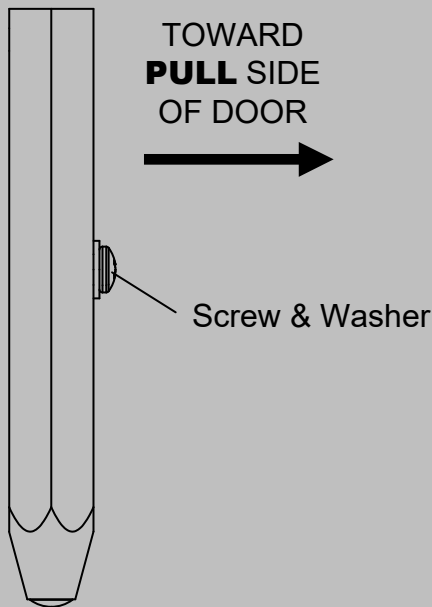
## CVR DEVICE



### 4. INSTALL LATCHES IN DOOR

- Slide latch/rod assemblies into the door. Slide bottom latch into door installed in housing.
- Fasten with #8-32 screws.

#### \*\*IMPORTANT NOTE\*\*



Maximum cut:				
	Panic	Fire	Alarm	MLR
36" Device	6"	8"	2"	3"
48" Device	12"	14"	8"	9"

### 5. SIZE DEVICE

- Standard lengths are for 36" or 48" door. Device must be cut for other lengths.
- Mark length with tape – length equals device size minus desired door size (for 30" door = cut 6" off 36" device) ensuring a square cut.

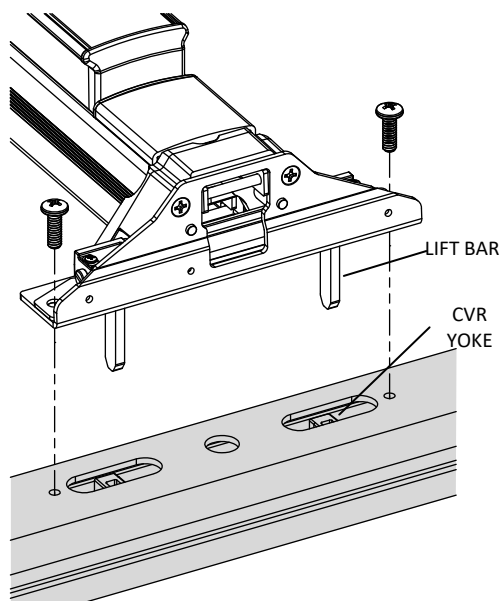
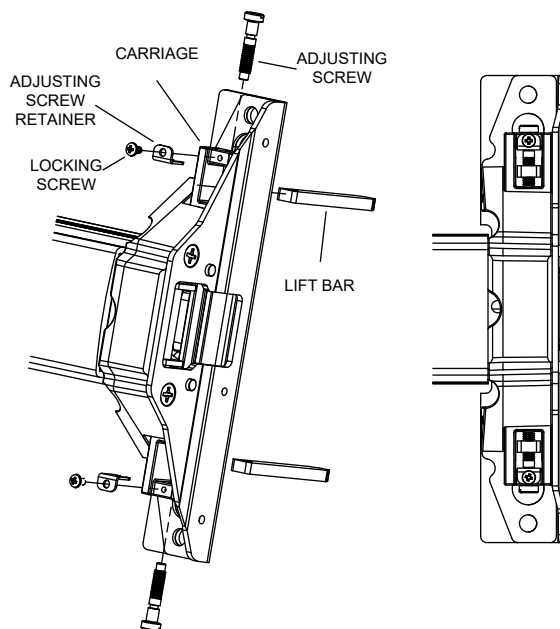
# PD27/28/29/30 INSTALLATION INSTRUCTIONS

## CVR DEVICE



### 6. INSTALL CVR LIFT BARS

- Adjusting screw and retainer factory installed without lift bars.
- Remove adjusting screw retainers and adjusting screws.
- Insert lift bar into carriage from back side of device.
- Thread adjusting screw into lift bar through carriage until the lift bar is centered on threads.
- Insert adjusting screw retainer into the notched area of the adjusting screw.
- Install/tighten #4-40 locking screw.

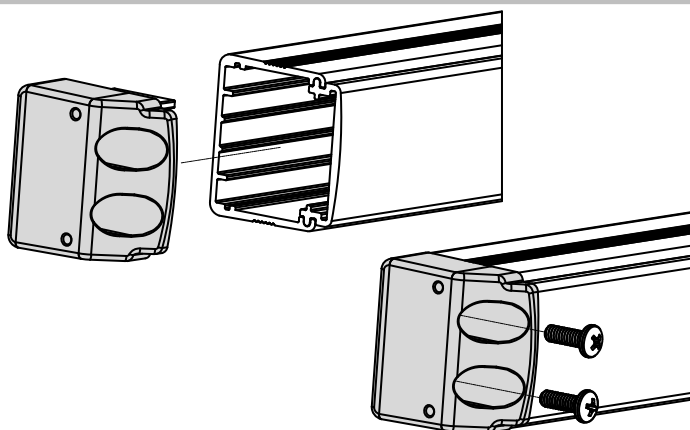


### 7. INSTALL DEVICE

- Install device and trim with 1/4-20 screws from pack #639043.
- Verify lift bars engage into CVR yokes for both top and bottom latches.

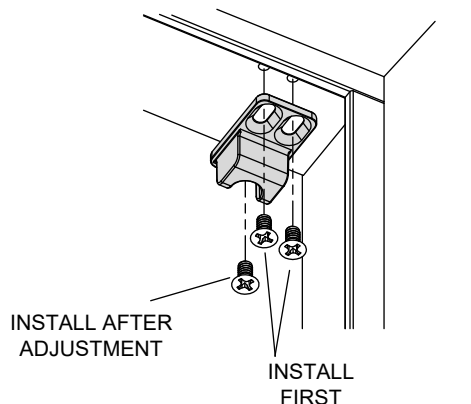
### 8. INSTALL END CAP

- Slide end cap into rail. Ensure rail is square to door. Mark centers of slots.
- Remove end cap, drill holes according to correct device/trim template.
- Reinstall end cap and fasten with screws.



# PD27/28/29/30 INSTALLATION INSTRUCTIONS

## CVR DEVICE

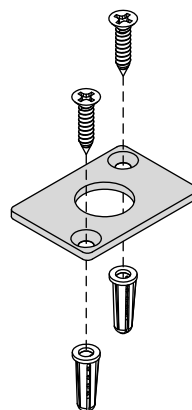


## 9. INSTALL TOP STRIKE

- Install strike using two #10-24 flat head screws from pack #639054.
- With door installed, adjust strike to desired door free play. Recommended is minimum of 1/16".
- Install third flat head locking screw by drilling and tapping for #10-24 after final adjustment is achieved.

## 10. INSTALL BOTTOM STRIKE

- Close door and mark center of bottom bolt on floor.
- Center strike and mark location of screw holes.
- Drill strike hole and anchor holes according to template.
- Install plastic anchors into floor.
- Install strike using two flat head screws.



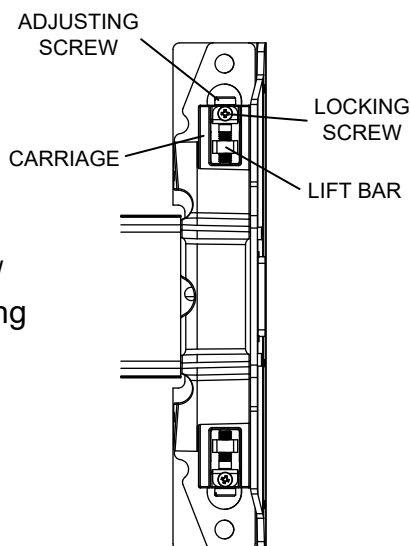
## 11. FINE ADJUST RODS

**TOP ROD ADJUSTMENT:** Open door by depressing pushbar & releasing. If carriage drops more than 1/8", top lift bar must be adjusted downward (Counterclockwise). If door is difficult or unable to be opened, top lift bar must be adjusted upwards (Clockwise).

**BOTTOM ROD ADJUSTMENT:** Check bottom rod adjustment by opening door. With door opened and pushbar released, lower bolt should be 1/16" above strike.

### To Adjust:

On device chassis/head, loosen locking screw & rotate adjusting screw



## 12. INSTALL HEAD COVER

- Slide head cover onto exit device
- Install 4 mounting screws

