



Installation Instructions 5" Channels for Concealed Vertical Rod Devices (CVR)

(See package label for Model # and CVR Series)

1. Install the Concealed Vertical Rod Device into the door per the Manufacturer's Installation Instructions. **If the channels have top and/or bottom brackets, the top and/or bottom rods will have to be installed after the channel is installed.**
2. Match each channel to a door making sure door bevel and channel bevel are the same. Visually check alignment of the machined cutouts in the channel against the machining detail on the door: THEY SHOULD BE SIMILAR.

****Before proceeding to Step 3, please pay close attention to the following****

Does the channel have top and/or bottom brackets welded inside the channel?

- These brackets are designed to allow attachment of the rod brackets on the CVR.
- The door must be machined to allow room for these brackets in the top and/or bottom of the door. If there is interference it will be necessary to router out clearance in the top and/or bottom of the door.

Does the channel have a 1-1/4" X 8" cutout in the Lock Edge that has screw tabs welded into the cutout?

- Make sure the channel slides all the way back on the door. If the screw tab bracket is hitting the door and NOT allowing the channel to seat snugly against the edge of the door, it is necessary to router out clearance where the screw tabs are hitting the door.

Check alignment of the cutouts in the channel against the machine openings in the door.

- Make sure the device will function properly. If so, proceed to Step 3.

3. Slide a channel over the edge of the matching door. The channels are designed to fit snugly. HANDLE WITH CARE so as not to mar or damage the finish of the channel.
4. Some CVR instructions require installation holes which are to be drilled upon installation. Install these holes in both the channel and door as required.
5. Mark the location for the 4 Binder Posts & Screws. Slide channel clear and drill a minimum of 3/8" holes where marked. **A 3/8" hole is necessary to allow the coin of the hole in the channel to seat itself in the door. Failure to do this will cause the channel surface to appear wavy.** Slide channel back in place and secure the Binder Posts & Screws.
6. Complete installation of the Concealed Vertical Rod Device per the Manufacturer's Installation Instructions.

Top Coating Instructions

STANDARD FINISH: Our Beige, Gray, and Dark Bronze polyester powder coatings are tough, corrosion resistant, and provide a very durable surface. Special colors are lacquer, industrial enamel, or powder coatings dependent on color.

TOP COATING FIRE DOOR HARDWARE: Many topcoats have good compatibility with powder coatings. Exceptions are some enamels and many latex- or water-based paints. It is necessary that the surface be thoroughly sanded prior to the application of any top coat. Make sure the surface is clean and dry. To ensure compatibility always test paint a small area on a non-visible portion of the product and check for proper adhesion before proceeding.

Final finish of the product is the responsibility of the purchaser. We do not warrant the suitability of the product for any particular application.

LIMITED WARRANTY: ALL METAL STAMPING, INC. WARRANTS ALL DOOR HARDWARE TO BE FREE FROM DEFECTS IN MATERIALS AND WORKMANSHIP. Purchaser assumes responsibility to verify and determine that color, finish, and quality of materials will meet required specifications. No claim shall be allowed unless Purchaser gives notice to manufacturer within 30 days from date materials are received. If color match, finish quality, or glass and cutout fit are not satisfactory, **DO NOT INSTALL. UPON INSTALLATION THIS WARRANTY ENDS. Manufacturer's only obligation shall be replacement, refinishing, or refund of the original purchase price, at our option. THESE ARE THE EXCLUSIVE REMEDIES PROVIDED, AND ALL METAL STAMPING, INC. SHALL NOT BE LIABLE FOR ANY OTHER DAMAGES, INCLUDING, ANY OTHER DIRECT, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES.** This warranty does not apply to door hardware which has been abused, altered, improperly installed, used with incompatible or inappropriate components (EX. Oversized Glass), exposed to corrosive environments, or environments for which the product is not intended. No material shall be returned without prior authorization. This warranty extends only to the original purchaser who is buying the hardware from All Metal Stamping, Inc. for purposes of resale or use in the ordinary course of their business.