

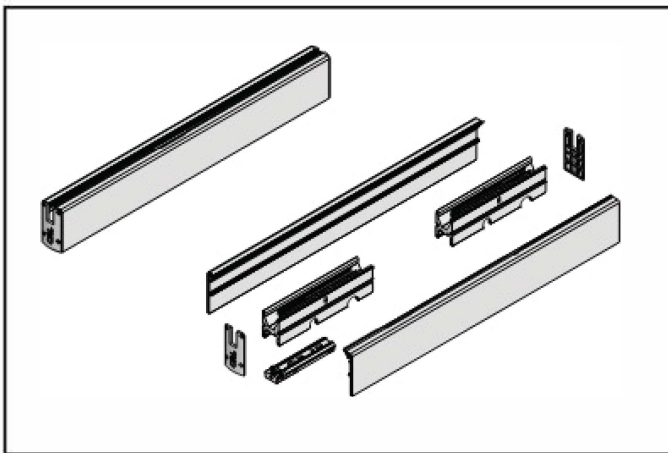
DRX™ Modular Door Rail Kit

The DRX™ Modular Door Rail Kit allows the installer to **customize door rail length from 21- 1/2" to 48"**. It comes fully assembled, except for the End Caps that are provided loose, in the following options.

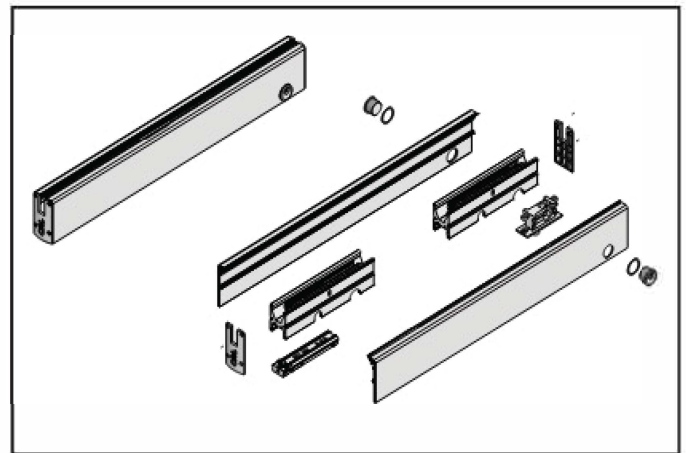
- 4" Square or Tapered for 1/2" Glass
- Non-Clad (SA/DU/MBL finishes) or Clad (BS finish)
- Without Lock or with CRL 777S Lock

DRX™ Kit SKUs

- DRX4S(T)12SA (DU,MBL,BS)
- DRX4S(T)12SAL (DU,MBL,BS)



Standard Assembly

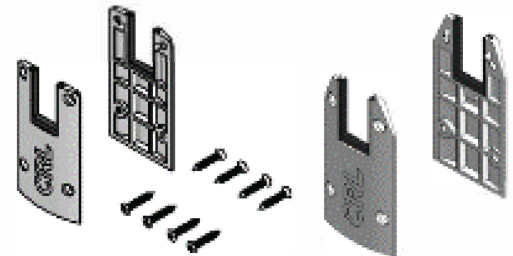


Standard Assembly with Lock
(Cylinder/T-Turn sold separately)

1. Rail Bodies with assembled / installed:

- 1/2" Glass Clamps, Nut Bar, and Clamping Screws.
- Adjustable Slide Block at pivot side Body.
- CRL 777S Lock, if present, at lead side Body.

2. Side Covers with installed gaskets for 1/2" glass, with or without Clad and if applicable with Lock holes, slipped onto Bodies.



3. End Caps, Square or Tapered, with glass protector feature are shipped loose.

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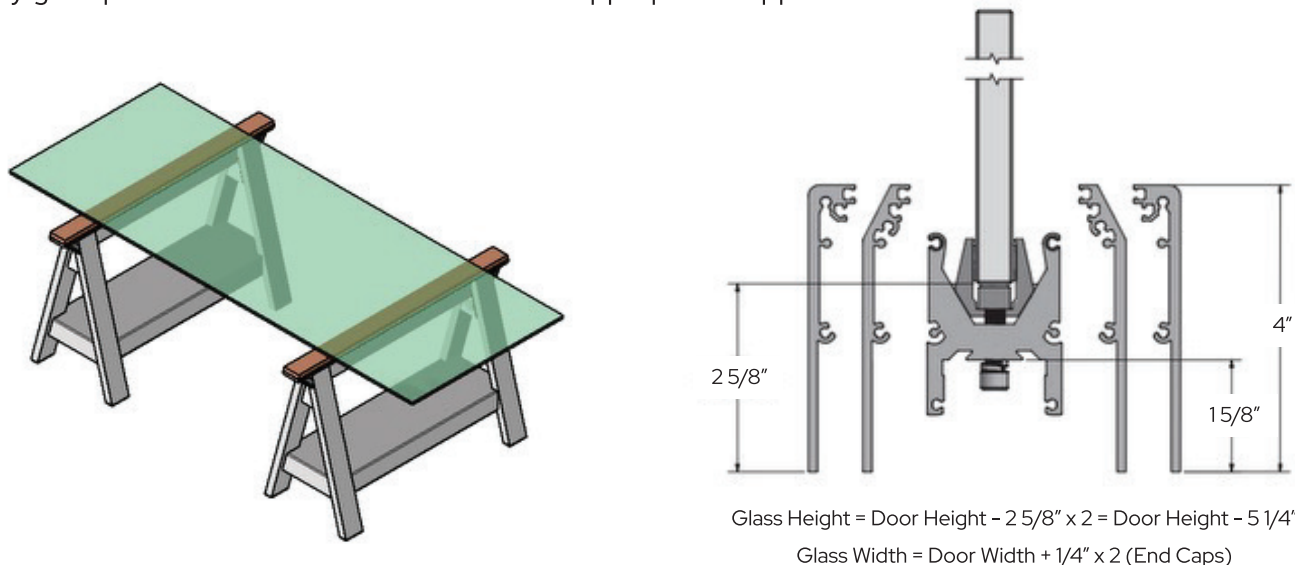
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DRX™ Modular Door Rail Kit Installation

NOTE: Always check materials prior to attaching door rails. Read these instructions carefully. Make sure the glass is the correct size and free of defects.

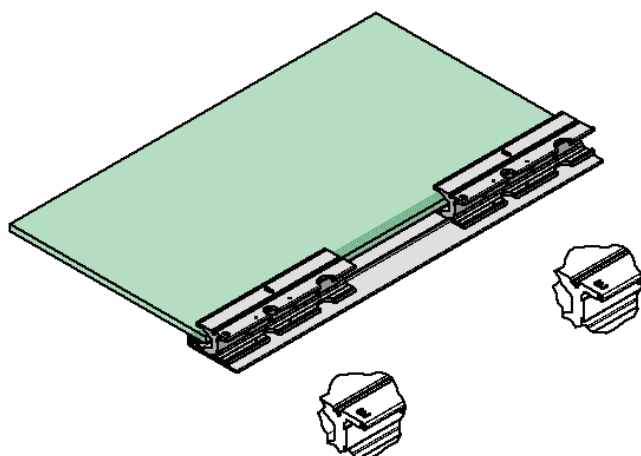
STEP 1

Lay glass panel flat on two sawhorses or other appropriate support structure.



STEP 2

Slip DRX™ Kit assembly onto the glass. One Side Cover must remain slipped onto Bodies for alignment until STEP 6



IMPORTANT: Each Rail Body has a spacer block installed to keep the glass clamps separated and to allow easy positioning onto the glass. **Do not remove until STEP 4.**

STEP 3

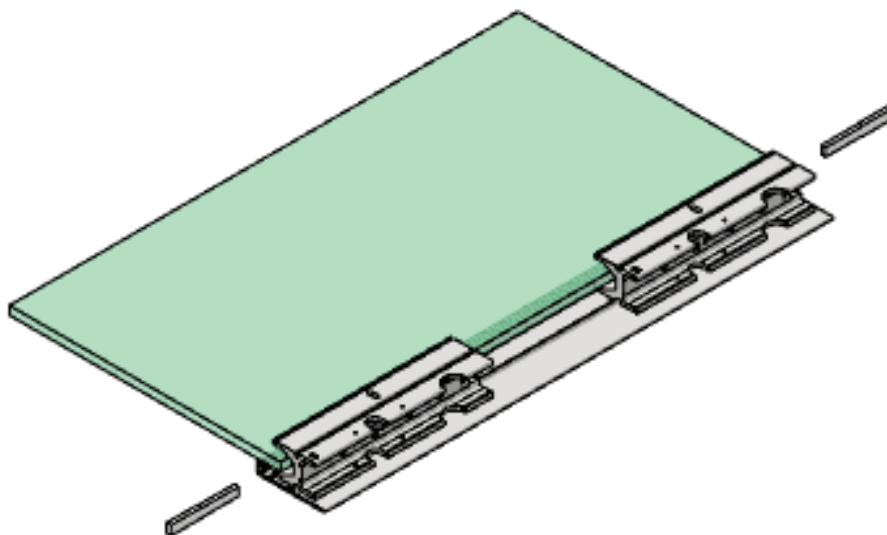
Position each Rail Body 1/4" from the vertical edges of the glass. This will ensure End Caps are flush when they are attached.

IMPORTANT: End Caps must fit snug to Side Covers when installed!



STEP 4

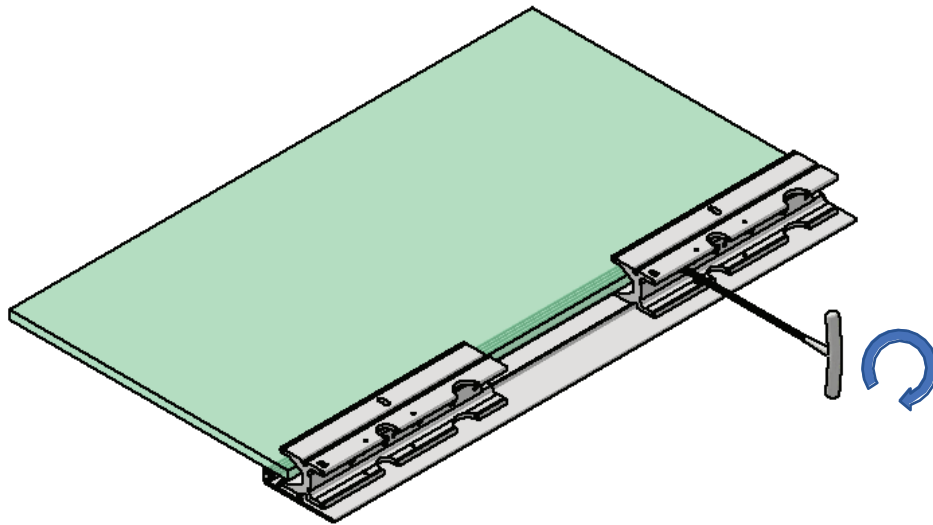
After proper positioning is achieved, pull the spacer blocks out from each Rail Body, then push the Rail Body clamps over the glass until the glass bottoms out on the nut strip.



STEP 5

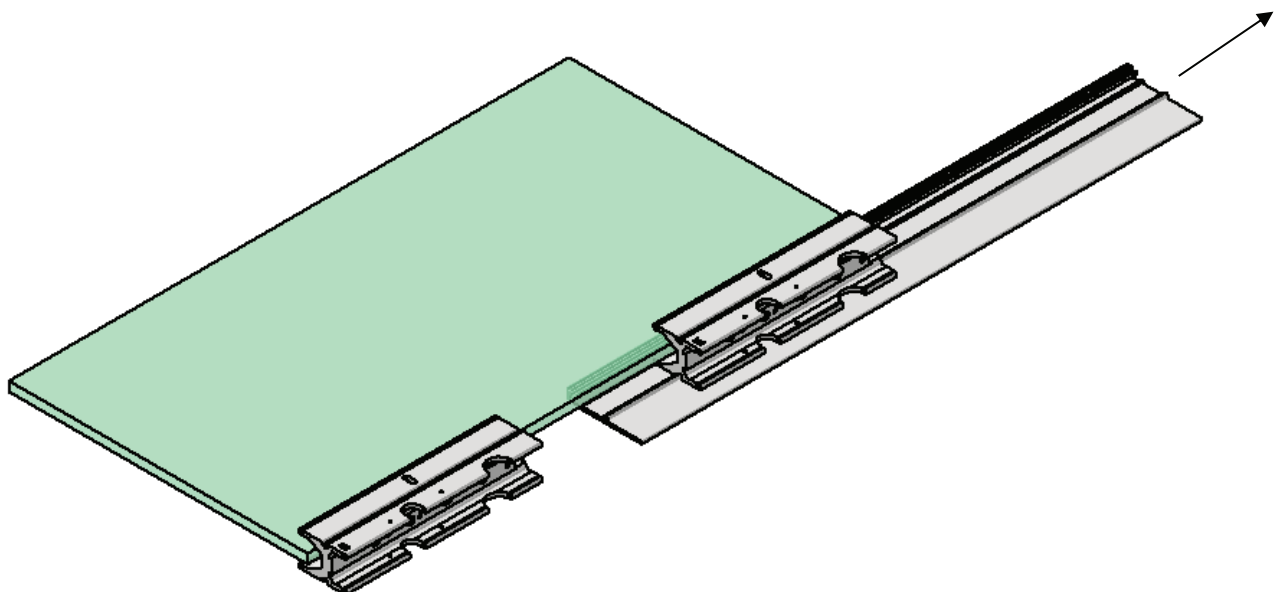
Tighten all pre-installed socket head cap screws on the Rail Bodies from left to right using a **3/16" T-Handle Hex Key** (CRL part T912, sold separately). To ensure proper torque:

- For the DRX with Lock; remove lock body(777s) to access socket head cap screws.
- Tighten screws again from left to right.
- Turn the Hex Key until it begins to twist slightly – this indicates the correct torque has been reached.



STEP 6

Slide off Side Cover to modify / customize length. After all door adjustments are complete, refer to (page 9) to customize the Side Cover.



IMPORTANT:

After **STEP 6**, the glass door is ready to be installed in the opening. Install all pivot components on the top and bottom Rail Bodies.

Recommended Hardware for Jackson® Closers

If using a Jackson® Overhead Concealed Door Closer:

- **CRL8010AS** – Short End-Load Arm Assembly
- **CRL8010DP** – Bottom Pivot Set

If using a Jackson® Floor Closer:

- **CRL860** – Center-Hung Top Pivot Set
- **CRL9040AS** – Short Center-Hung Floor Closer Arm

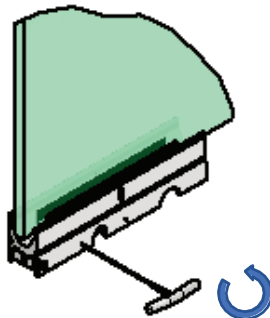
DOOR CENTERING ADJUSTMENT

Once the glass door is installed into opening, you can proceed to make door centering adjustments. The Adjustable Slide Block starts at a 0° position and allows **± 2° inward or outward adjustment**. To begin, position yourself on the side of the door that has the (2) Set Screws.

To Adjust Angle Away From You (+ 2°)

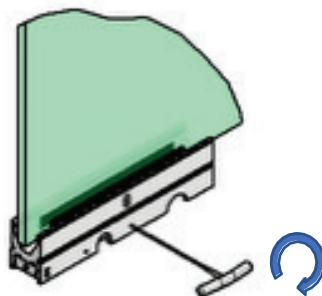
STEP 1

Loosen the Set Screw closest to the pivot edge of the door by turning it counterclockwise.



STEP 2

Tighten the furthest Set Screw from the pivot edge by turning it clockwise until desired angle is reached.



STEP 3

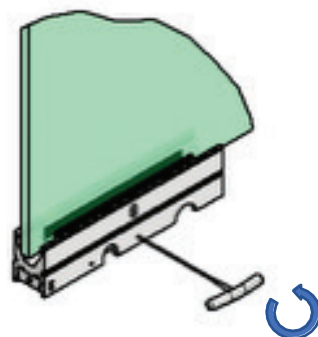
Tighten the Set Screw that was loosened (closest to the pivot) until it touches the Adjustable Slide Block (resistance to tightening will be felt).

IMPORTANT: Set Screws must be flush or recessed into the Rail Body so there are no obstructions when sliding on the Side Covers.

To Adjust Angle Towards You (-2°)

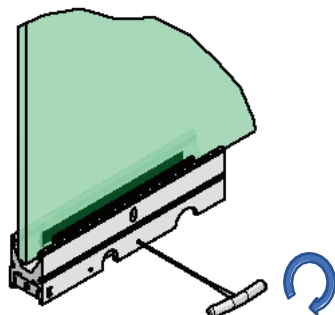
STEP 1

Loosen the Set Screw furthest from the pivot edge of the door by turning it counterclockwise.



STEP 2

Tighten the Set Screw closest to the pivot edge by turning it clockwise until desired angle is reached.



STEP 3

Tighten the Set Screw that was loosened (furthest from the pivot) until it touches the Adjustable Slide Block (resistance to tightening will be felt).

IMPORTANT: Set Screws must be flush or recessed into the Rail Body so there are no obstructions when sliding on the Side Covers.

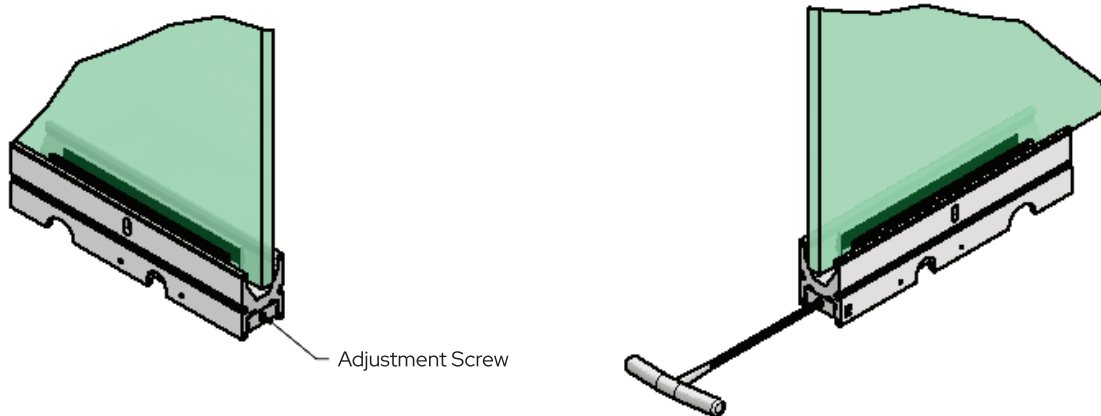
LATERAL DOOR ADJUSTMENT

The DRX Kwik-Adjust™ Pivot Alignment System allows lateral adjustment of the door. This adjustment will change the reveal between the edge of the door and adjacent fixed panel or jamb / wall. The Kwik-Adjust™ System allows the pivot point to be adjusted to a position other than the standard American setback of 2-3/4" (70 mm). The Kwik-Adjust™ System provides up to 3/16" (5 mm) of adjustment in either direction.

Adjusting Pivot Point Away From The Wall or Jamb

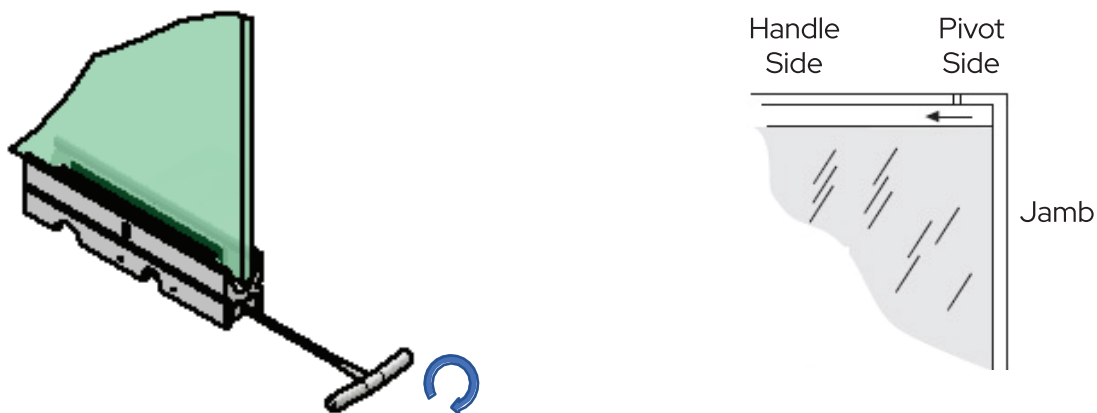
STEP 1

Open the door to 90° to reveal the adjustment screw.



STEP 2

Insert the T-Handle Hex Key into the adjustment screw and turn screw clockwise to achieve desired clearance away from the fixed panel or jamb/wall.



Helpful Hint: One full turn of the socket head cap screw will adjust the door 1/16" (1.6 mm)

Adjusting The Door Rail Towards The Wall or Jamb

STEP 1

Open the door to a 90-degree angle. This will reveal the adjustment screw.

STEP 2

Insert T-Handle Hex Key into the adjustment screw and turn screw counterclockwise to achieve the desired position towards the fixed panel or wall/jamb.



(Continued from page 6)

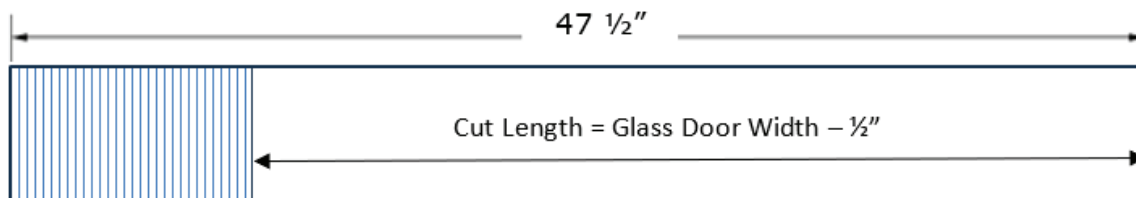
Side Cover Customization (Cut-to-Length) and Installation

After all door adjustments are completed, Side Covers are to be cut to required size, which is glass door size minus ½" (two End Caps at ¼" each). This can be done during door installation or any time after.

The door is fully functional without Side Covers and End Caps!

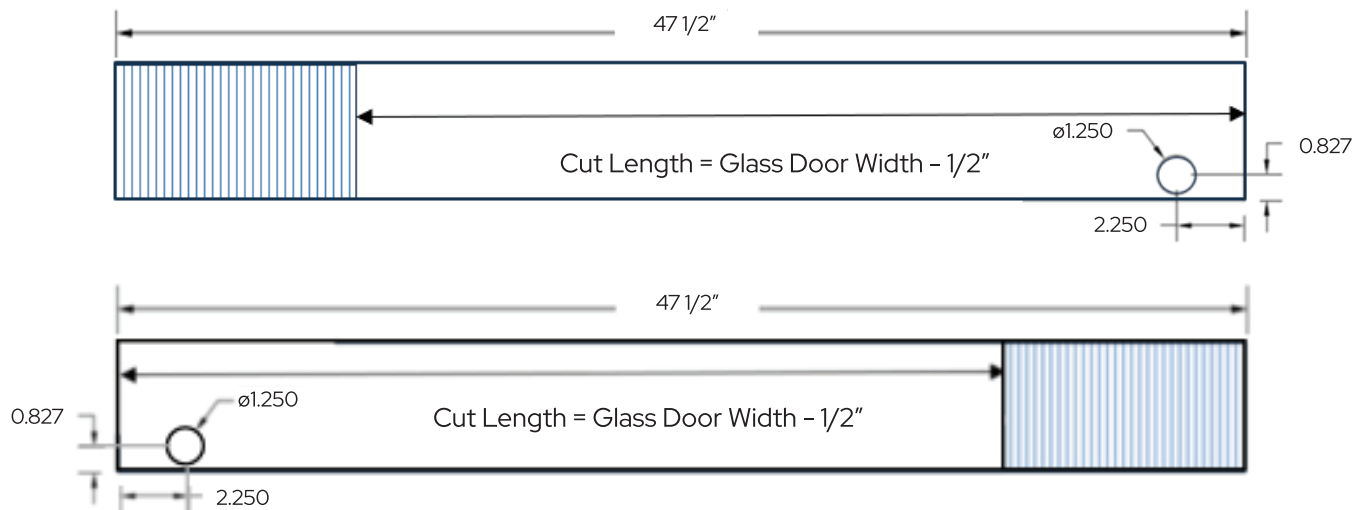
CRL DRX™ Kits come with Side Covers in 47 ½" length. They can be cut to any custom size down to 21".

- Blank 4" Side Cover (Square or Tapered, Non-Clad or Clad)



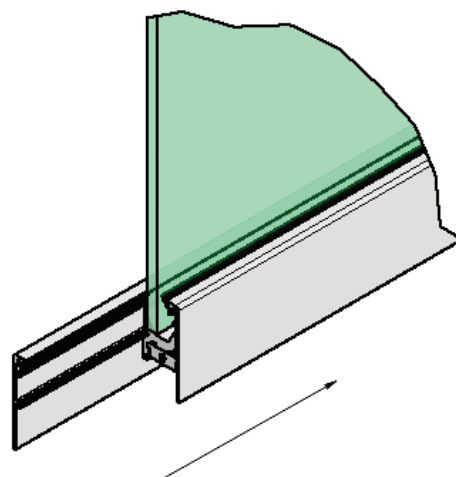
- 4" Side Covers with prep for CRL 777S Door Rail Lock (Square or Tapered, Non-Clad or Clad)

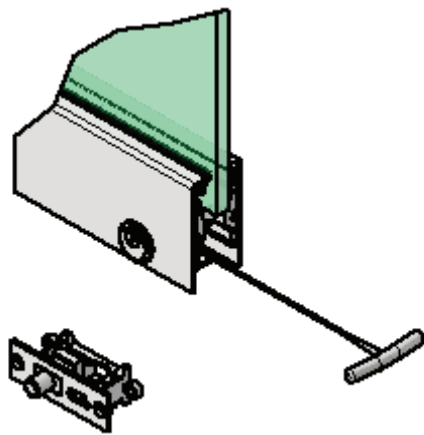
IMPORTANT: When cutting Side Covers, make sure to cut one left hand (LH) and one right hand (RH).



STEP 7

Slide each Side Cover into the raceways along the Rail Body.



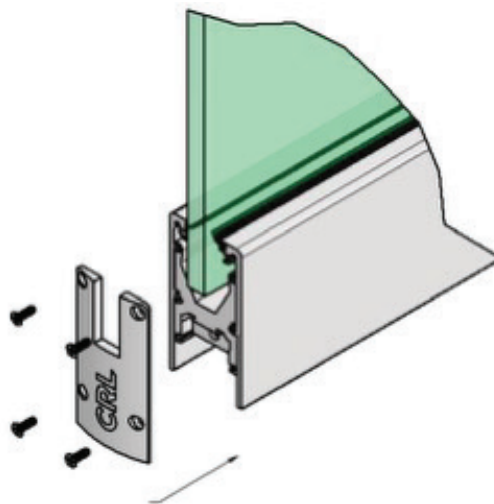


(Cylinder/T-Turn sold separately)

If a CRL 777S Rail Lock is utilized, install the cylinder or thumb turn by tightening the cylinder set screws at the end of the Rail Body.

STEP 8

Install the End Caps by fastening the end cap screws to the Rail Bodies and Side Covers.





ARCHITECTURAL HARDWARE PRODUCTS

C.R. Laurence Co., Inc. (CRL) warrants to our immediate customer only, that its Architectural Hardware Products will be free of material defects and defects in workmanship for a period of two (2) years from date of invoice. All warranty claims are subject to inspection by CRL prior to CRL providing a remedy for the warranty claim.

This Warranty will not apply if, after inspection by CRL, it is determined that the Architectural Hardware Product has been installed and maintained in a manner that is not in conformity with the instructions and guidelines set forth by CRL for proper installation and maintenance.

CRL's responsibility to provide a remedy under this Warranty shall be limited in its sole discretion to either a refund of the purchase price, or to provide a replacement of the Architectural Hardware Product. The refund or replacement shall constitute the limit of CRL's liability and obligation for any material defect or defect in workmanship in Architectural Hardware Products.

This warranty excludes product failure caused by normal weathering, chalking, scratching, fading, corrosive atmospheric contaminants (e.g. chemical fumes, pollution), negligence, abuse, accident, shipping, improper use or installation, fire, flood, exposure to corrosive elements or acts of God or other causes unrelated to defective materials or workmanship.

This Warranty is exclusive, and CRL makes no other warranty, express or implied, including without limitation, any implied warranty of merchantability or fitness for a particular purpose. In no event shall CRL be liable under any legal theory (including but not limited to contract, negligence, strict liability in tort, or warranty of any kind) for any indirect, special, incidental, consequential, or exemplary damages (including but not limited to lost profits).