

GALVA-STOP®

Pallet Rack
Backing Safety System



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J&L's galvanized quick clip¹ for flush and offset mounting of the vertical backstop is fast and easy. It makes vertical backstop installations a snap.



¹Patent Pending

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GALVA-STOP® PALLET RACK BACKING SYSTEM

Light-weight vertically or horizontally mounted galvanized wire mesh panels that attach directly to the rear of the rack with galvanized hardware. The GALVA-STOP® panels can be mounted either flush with the pallet rack or offset (typically 4" or 6"). These panels come standard with an open wire pattern measuring 2" X 8" using a nominal 6-gauge galvanized wire (other wire gauges and mesh patterns are available upon request).

WHY USE A PALLET RACK BACKING SAFETY SYSTEM?

Safety of employees and guests – Helps to prevent the displacement of pallets that may be dislodged and/or inadvertently pushed into adjoining isles.

Protection of inventory – Helps to promote proper stacking thereby reducing the likelihood of crushing and/or deforming of underlying inventory. Limits access to the rack making it more difficult for unauthorized removal of materials.

Improved Workplace – Contributes to the overall functionality of the workplace by promoting a neat and orderly appearance. Cooling and heating, as well as lighting, are not affected due to the open pattern of the mesh panel.

WHY PURCHASE THE GALVA-STOP® PALLET RACK BACKING SYSTEM?

Compared with other products on the market today, GALVA-STOP® mounts rapidly reducing installation time in new warehouse space. The open pattern of the backstop allows for easy examination while maintaining the necessary strength to hold inventory neatly in place. In the case of a fire, this design supports the use of overhead sprinklers, thereby reducing the risk of extensive damage. The mesh panel is designed not to require heavy metal frames which add cost and make installation more cumbersome. The galvanized steel construction will outlast painted products and will not chip or flake and drop debris onto the pallets and the floor below. The simplicity of installation and maintenance-free galvanized construction makes GALVA-STOP® the educated buyers' product of choice.

WHY CONSIDER J&L WIRE FOR YOUR NEXT PURCHASE?

Excellence in quality, service, and workmanship sets J&L apart. At J&L, all wire is drawn in house from rods purchased to internal material specifications allowing better control of the finished product. Each wire is then zinc-coated by our own proprietary coating process to ensure proper coating weight, fit, and finish. Consistency in manufacturing and workmanship assures that the delivered goods will always fulfill expected performance and quality criteria. From initial order entry J&L is there to assist you with any questions you may have and to help make your experience as positive and productive as possible. Let us prove our commitment to you by contacting one of our representatives at 866.777.8607 to discuss your specific requirements or place an order. Our people, products, and in-house quality standards will provide you with an advantage, peace of mind, and trust in knowing that you will get the desired performance and life expectancy from each and every product.

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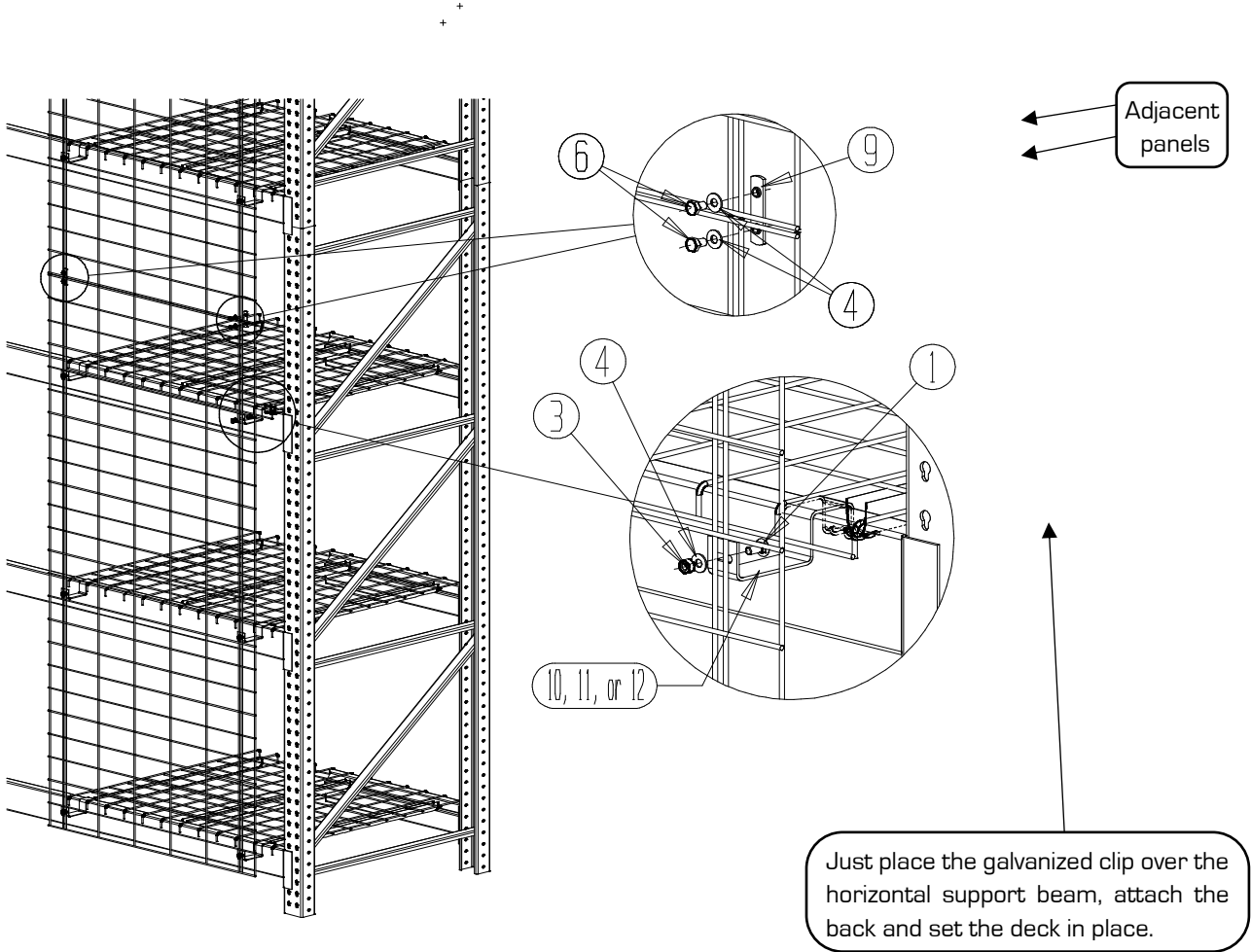
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OVERVIEW AND ILLUSTRATIONS

There are two different mounting techniques used with the vertical and horizontal GALVA-STOP® panels. Vertical panels are intended for use in new warehouses and installations while the horizontal panels are designed to be used on existing racks containing inventory. Vertical panels mount directly to the support beam while the horizontal panels mount to the rack uprights. Vertical panels use our proprietary galvanized quick clips¹ that are designed to slide under the wire decking onto the support beam. This method is by far the easiest and fastest way and makes new installations a snap. Horizontal panels use galvanized brackets that attach to the rack uprights, thereby minimizing the need to move existing inventory.

VERTICAL PANELS FOR NEW INSTALLATIONS

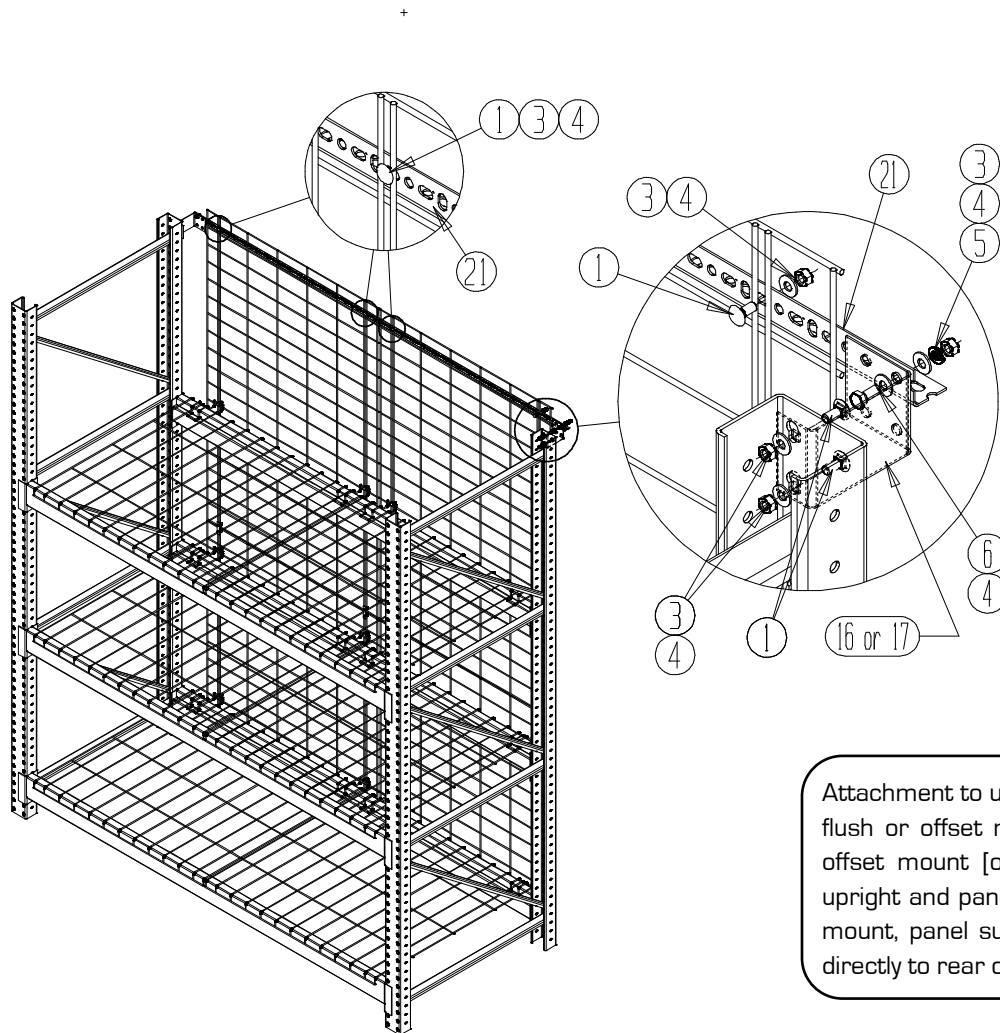
Using our proprietary galvanized quick clips¹ is the *fastest way* to install a rack backing safety system.



¹Patent Pending

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Attachment to upright varies depending on flush or offset mount. Shown here is an offset mount [offset bracket attaches to upright and panel support (21)]. For flush mount, panel support strut (21) attaches directly to rear of upright.

VERTICAL PANELS FOR TOP BAY ATTACHMENT

Attaching the uppermost panel requires the use of a panel support strut (21) that runs horizontally along the top of the panel. This strut fastens directly to the rack's upright. For top rack protection where the rear uprights do not extend beyond the top rack, refer to our backstop extension section.

VERTICAL PANELS ²		
Part No.	W x H	Wt.
GS4696V	46" x 96"	23.50
GS46120V	46" x 120"	29.25
GS5396V	53" x 96"	25.25
GS53120V	53" x 120"	31.25
GS5896V	58" x 96"	29.25
GS58120V	58" x 120"	36.50

²Two galvanized vertical panels may be paired to cover the required width of the rack. For instance, two 46" panels will provide coverage for a 96" wide rack. Other sizes are available upon request. Weights are considered nominal and subject to change.

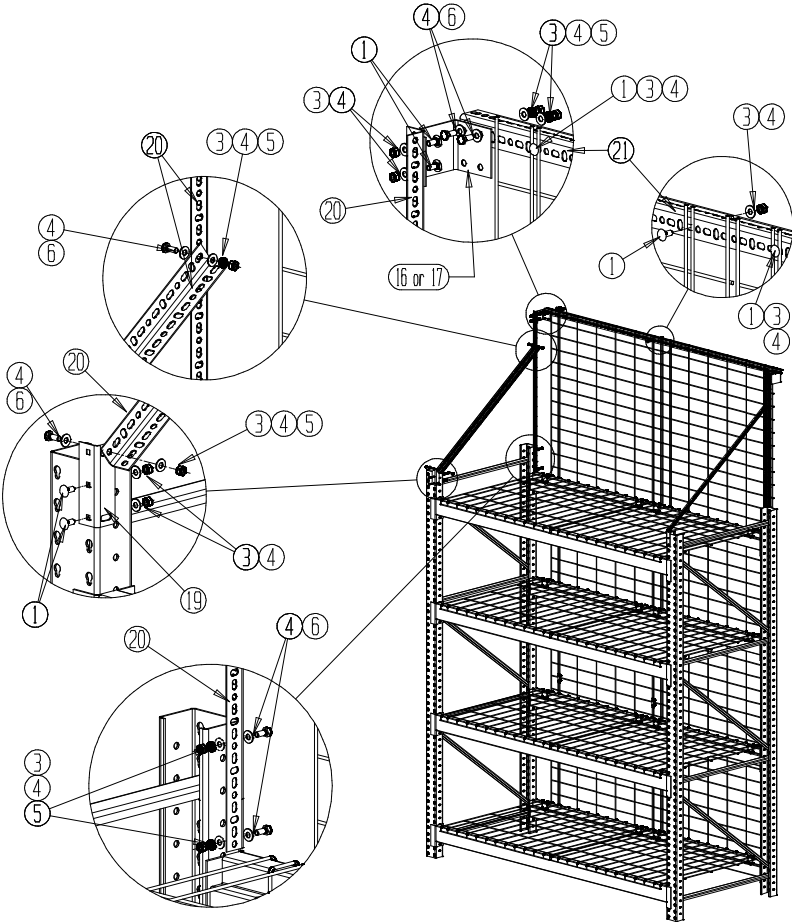
VERTICAL BACKSTOP EXTENSION FOR TOP RACK PROTECTION

For those top racks that extend beyond the rack's uprights. Protection from falling inventory is available with our backstop extension (shown for vertically installed panels). These panels simply attach by using two side struts (20) that are trimmed to length during installation, and mount between the panel support strut (21) and the forward upright. If the backstop extends more than two feet above the rack's uprights, then two additional side struts are recommended. These struts which mount to the uprights provide extra support. The panel support strut is attached to the vertical panel as shown in the illustration below. Struts are trimmed to fit during installation.

VERTICAL PANEL INSTALLATION

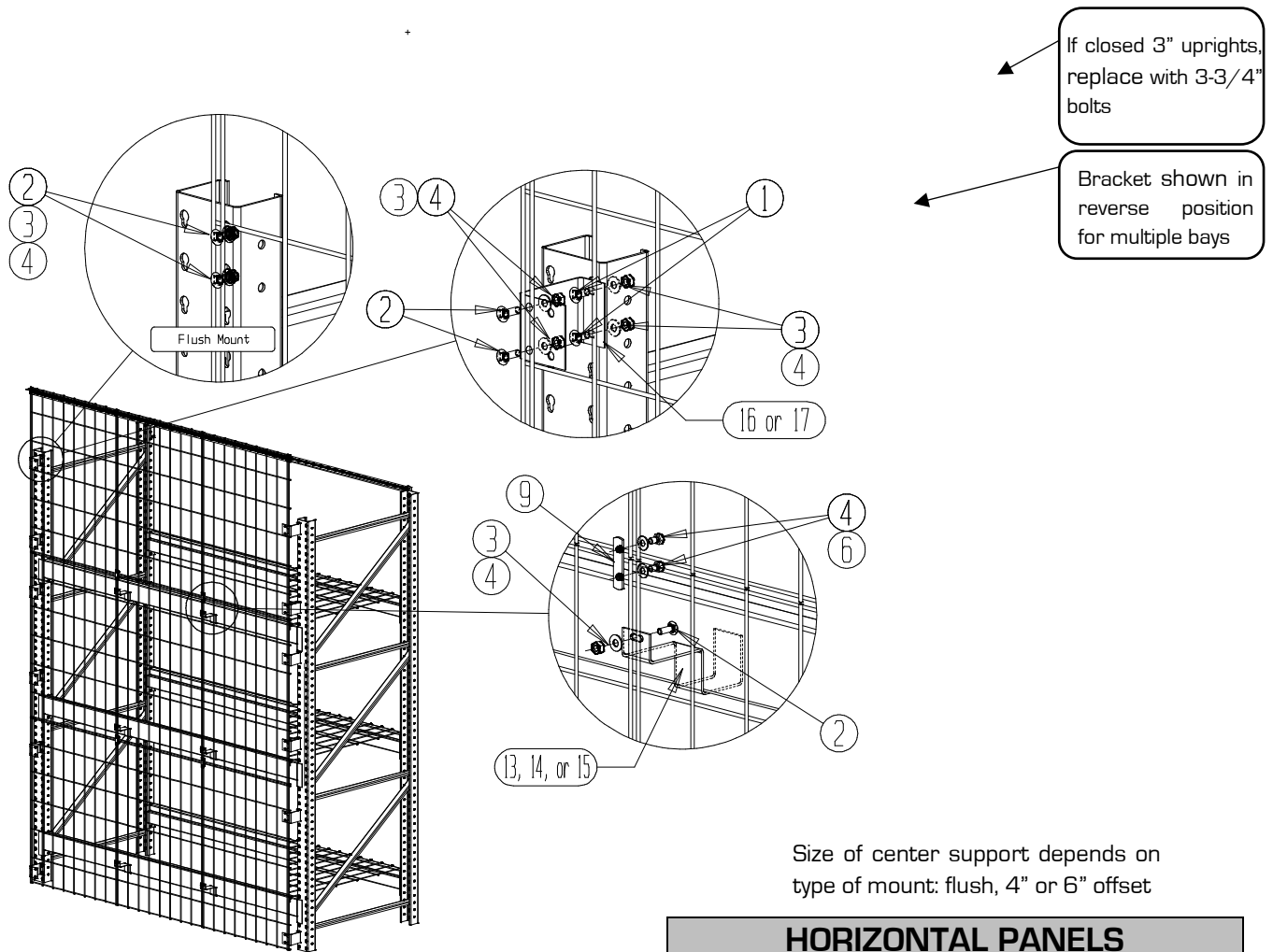
Where back uprights are not extended

Backstop shown extended beyond two feet with additional side struts.



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Size of center support depends on type of mount: flush, 4" or 6" offset

HORIZONTAL PANELS (FOR EXISTING STRUCTURES)

This installation method is recommended for warehouses where racks are currently loaded. Panels are mounted to the uprights instead of the support beam thereby allowing inventory to remain in place. All hardware required for assembly is determined by J&L engineering based on panel size and configuration to assure that you receive the correct parts for assembly.

HORIZONTAL PANELS		
Part No.	W x H	Wt.
GS3698.5H	98.5" x 36"	18.25
GS36110.5H	110.5" x 36"	20.50
GS36122.5H	122.5" x 36"	22.50
GS4898.5H	98.5" x 48"	23.75
GS48110.5H	110.5" x 48"	26.50
GS48122.5H	122.5" x 48"	29.25
GS6098.5H	98.5" x 60"	29.75
GS60110.5H	110.5" x 60"	33.25
GS60122.5H	122.5" x 60"	36.75

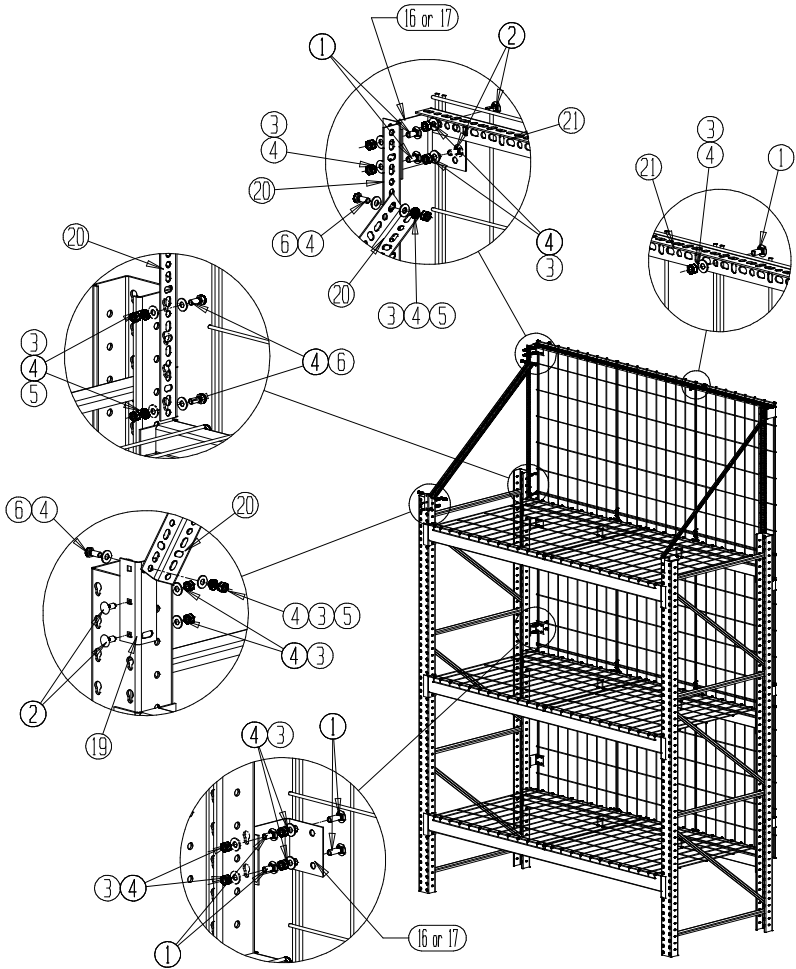
The chart above shows our standard sizes for horizontal panels. Other sizes are available upon request. Weights are considered nominal and subject to change. See the following pages for installation and mounting hardware. Can't get much easier than that.

HORIZONTAL BACKSTOP EXTENSION FOR TOP RACK PROTECTION

Protection from falling inventory from those top racks that extend beyond the rack's uprights is also available with our horizontal backstop extension (shown for horizontally installed panels). These panels simply attach by using two side struts (20) that are trimmed to length during installation, and mount between the panel support strut (21) and the forward upright. If the backstop extends more than two feet above the rack's uprights, then two additional side struts are recommended. These struts which mount to the uprights provide extra support. The panel support strut is attached to the horizontal panel as shown in the illustration below. Struts are trimmed to fit during installation.

HORIZONTAL PANEL INSTALLATION
Where back uprights are not extended

Backstop shown extended beyond two feet with additional side struts.



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INSTALLATION AND MOUNTING HARDWARE

All GALVA-STOP® panels come with installation hardware. Since all racks are not equal and vary in size and configuration, our friendly sales staff will review your requirements prior to ordering to assure that all necessary hardware is packaged correctly and available for installation. There is no need for concern that something was forgotten.

The chart and illustrations that follow are provided as an example of hardware that may be used based on your requirements. Generally, not all hardware shown is used.

GALVA-STOP® HARDWARE LIST

Item #	Part Descriptions
1 ^a	5/16" - 18 x 3/4" Sq. Neck Carriage Bolt (for use on 3" uprights opened for access)
2	5/16" - 18 x 1" Sq. Neck Carriage Bolt
3	5/16" - 18 Hex Nut
4	5/16" Flat Washer
5	5/16" Lock Washer
6	5/16" - 18 x 3/4" Hex Bolts (used when paired vertically)
8 ^a	5/16" - 18 x 3-3/4" Sq. Neck Carriage Bolt (for use on enclosed 3" uprights)
9	5/16" - 18 Double Tee Nut (used when paired vertically)
10	GALVA-STOP® Quick Clip (flush mount) ¹
11	GALVA-STOP® Quick Clip (4" offset) ¹
12	GALVA-STOP® Quick Clip (6" offset) ¹
13	GALVA-STOP® Center Support Clip (4" offset) ¹
14	GALVA-STOP® Center Support Clip (6" offset) ¹
15	GALVA-STOP® Center Support Clip (flush) ¹
16	Offset Bracket (4" offset)
17	Offset Bracket (6" offset)
18	Top (Rear) Support Bracket (small)
19	Top (Front) Support Bracket (large)
20 ^b	Angle Support Strut - (7' strut; one size fits all - Trim to size)
21 ^b	Panel Support Strut (Trim to size)

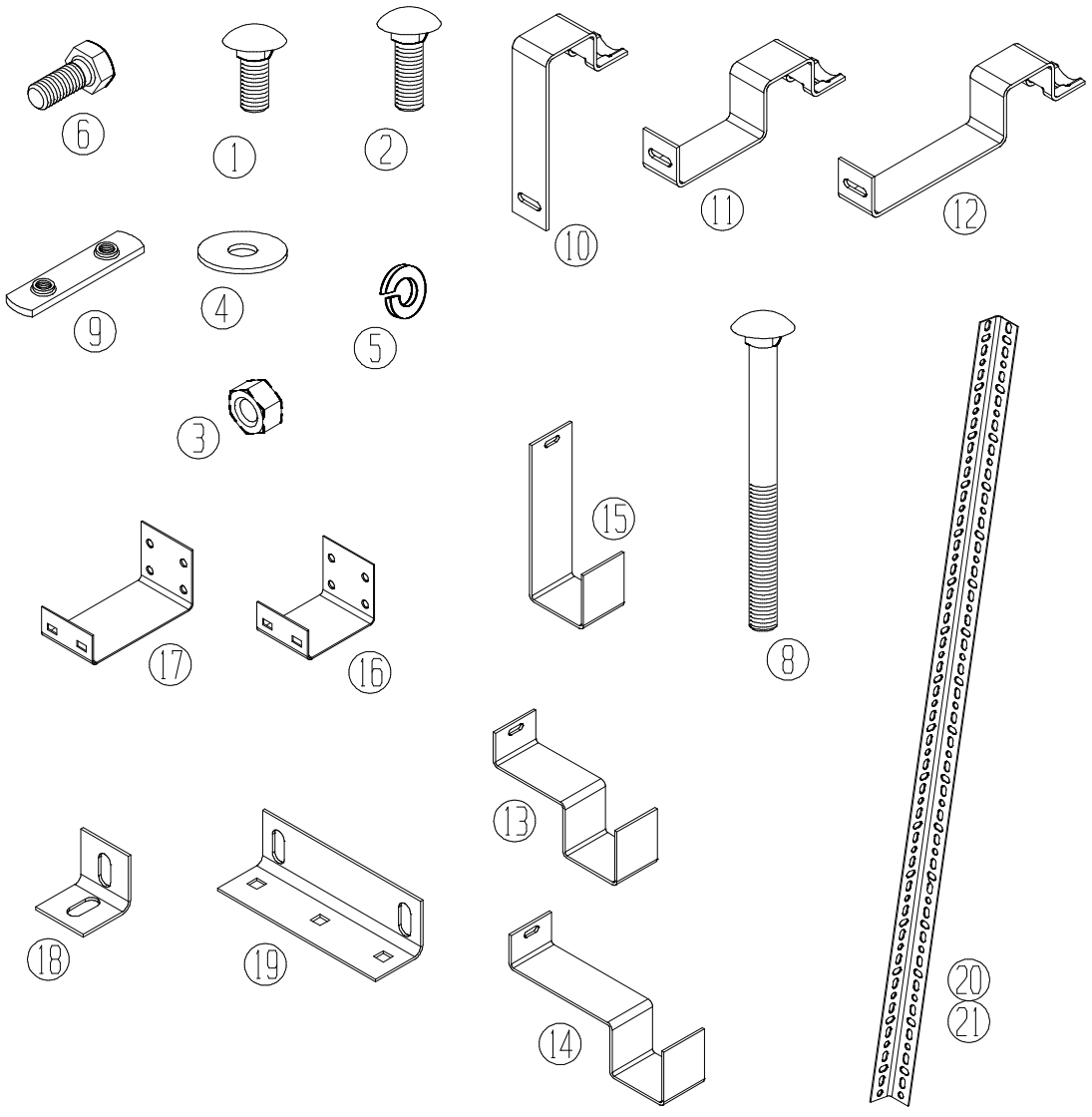
1 Patent Pending

a Either Item #1 or Item #2 is used based on: Item #1 used only on opened 3" uprights; Item #8 used only on enclosed 3" uprights

b All struts to be trimmed on site by installer

GALVA-STOP® HARDWARE ILLUSTRATIONS

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