

wright · line Four Post Rack

technical environment solutions

Assembling the Four Post Rack

PART INVENTORY – FOUR POST RACK (4PR452129S, 4PR452129T)

- (2) Stabilizer Plates
- (2) Bottom Side Plates
- (1) Top Panel
- (2) Front Corner Posts
- (2) Rear Corner Posts
- (2) Side Braces
- (28) 5/16-18 x 5/8" Hex Head Bolts *
- (20) 5/16-18 Hex Nuts *
- (4) 1/4-20 x 5/8" Phillips Flat Head Machine Screws**
- (4) 1/4" Flat Washers**
- (4) 1/4-20 Hex Nuts**
- (1) Equipment Mounting Hardware Kit

*Four extra 5/16-18 nuts and bolts are included. Use the extra hardware to bay adjacent Four Post Racks together. See "Baying Four Post Racks" section.

**The 1/4" hardware is only used when the stabilizer plates are inward oriented. See figure 1.

TOOLS REQUIRED (not supplied)

- (2) 1/2" Wrench
- (1) 7/16" Wrench
- (1) Phillips Head Screw Driver

1. Assemble the base:

Note: The stabilizer plates may be oriented outward or inward. See figures 1 and 2.

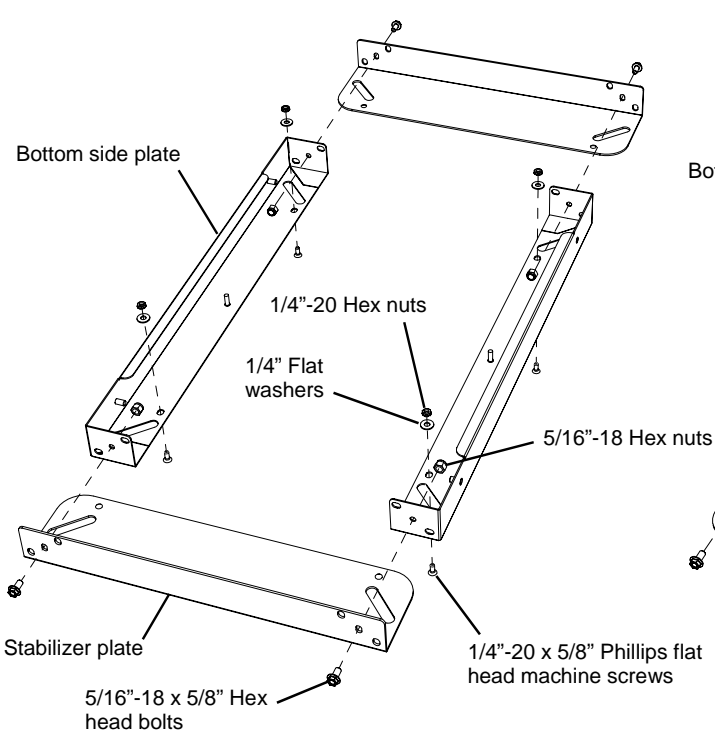


Figure 1
Inward Oriented Stabilizer Plates

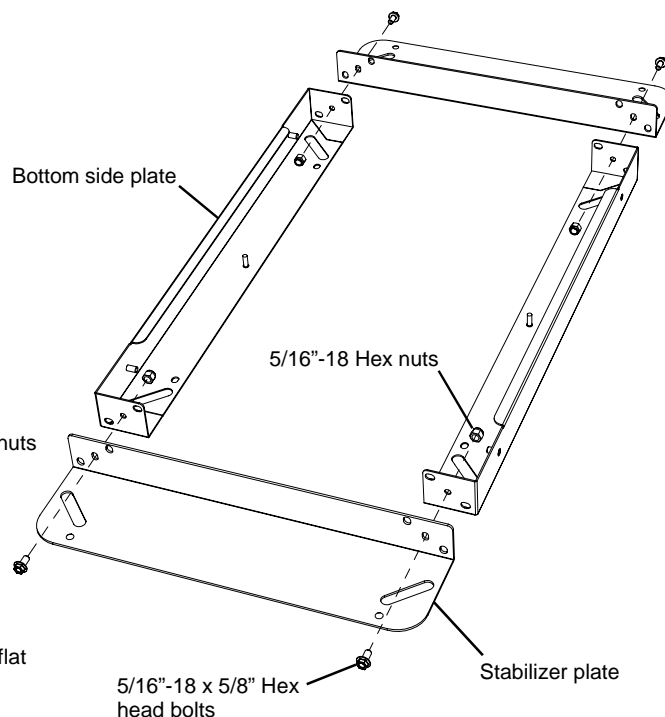


Figure 2
Outward Oriented Stabilizer Plates

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2. Assemble the corner posts:

The corner posts are labeled with numbers indicating “U” space positions. When assembling the corner posts, ensure that the posts are oriented with the lowest numbers near the base.

Assemble the rack laying on its side. See figure 3B. Rotate the corner posts into position as shown in figure 3A. Assemble one front and one rear corner post to the base and top panel, leaving the fasteners finger tight. See figure 3B. Then position and assemble the two remaining corner posts. See figure 4

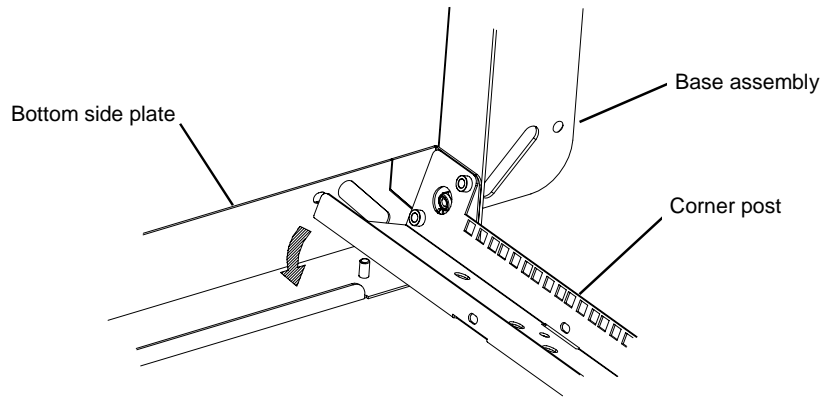


Figure 3A

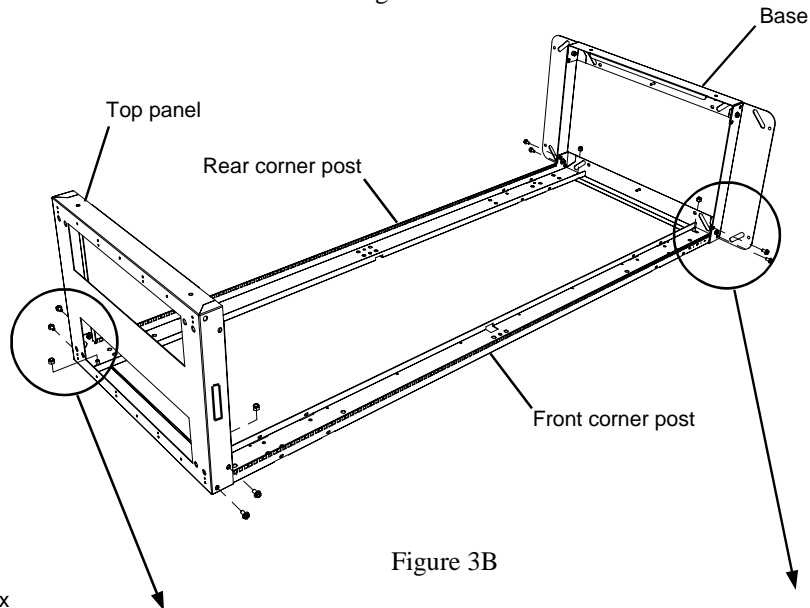


Figure 3B

5/16"-18 x 5/8" Hex head bolts

5/16"-18 Hex nuts

5/16"-18 Hex nuts

5/16"-18 x 5/8" Hex head bolts

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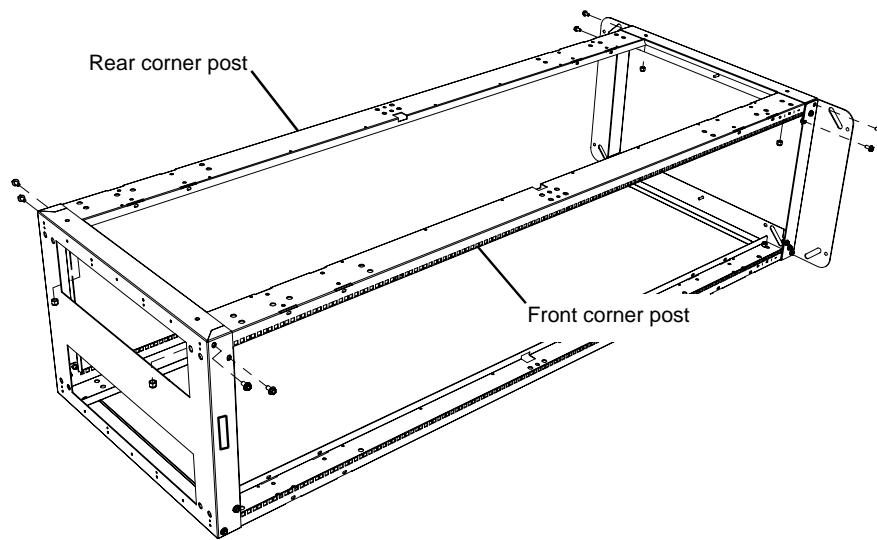


Figure 4

3. Assemble the side braces:

Stand the rack up and then slide each side brace into position. See figure 5. If the racks are not going to be bayed directly together, then secure the braces with the provided hardware. See figure 6. *If two or more racks are going to be bayed directly together on a 21" wide spacing, proceed to the next section.*

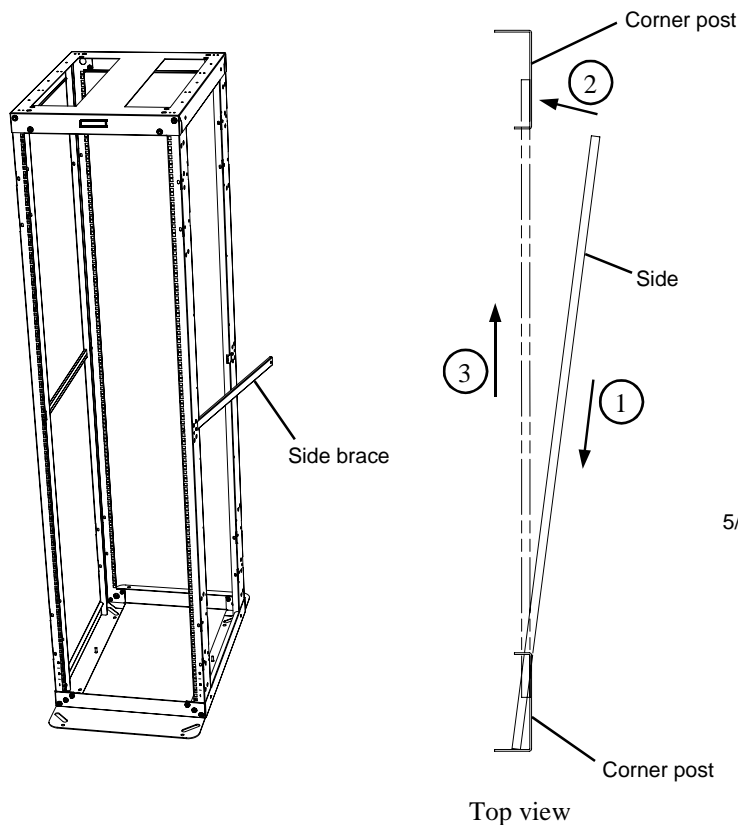


Figure 5

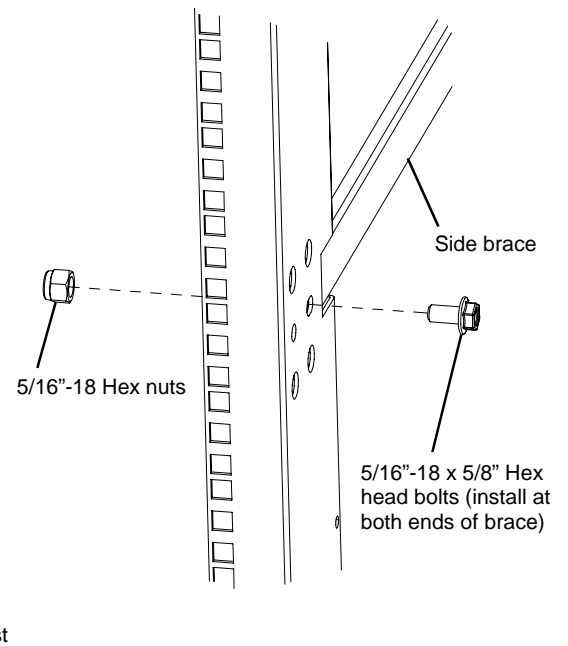


Figure 6

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BAYING THE FOUR POST RACKS

Four Post Racks may be bayed directly together with the extra 5/16"-18 bolts and nuts that are supplied with the racks. Direct baying results in a 21" wide rack spacing.

To bay adjacent racks together on a 24" wide rack spacing order either a 4PRBAYKIT or a 4PR45VM Vertical Cable Channel.

TOOL REQUIRED (not supplied)

(2) 1/2" Wrench

DIRECT BAYING (optional Baying Kit not required)

To bay adjacent Four Post Racks directly together on a 21" wide spacing, the hardware that fastens the side braces must be removed. Leave the braces in place, unfastened. Attach the adjacent racks together with the extra 5/16"-18 bolts and nuts that are supplied with the rack, then replace the side brace hardware. See figure 7.

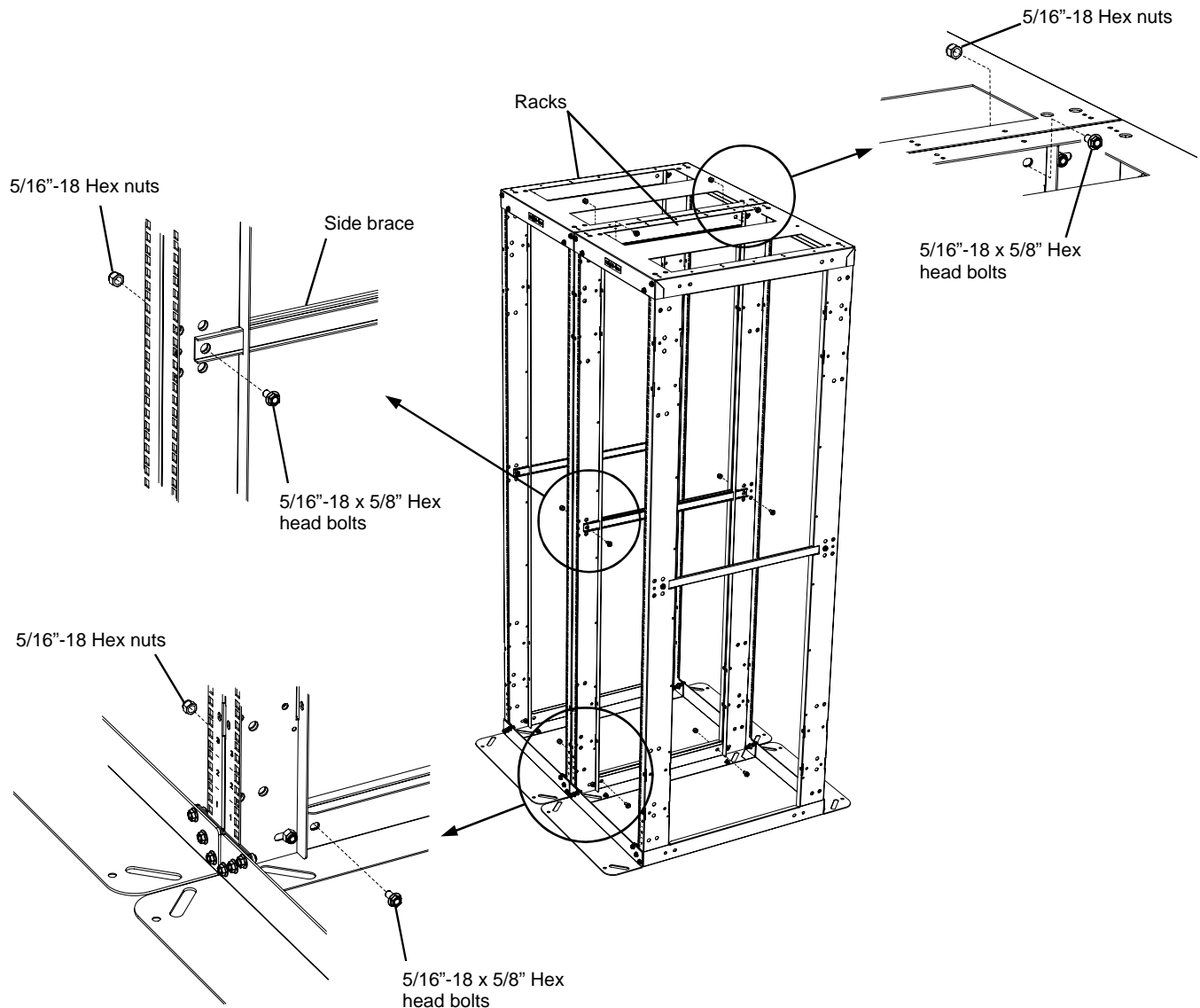


Figure 7