

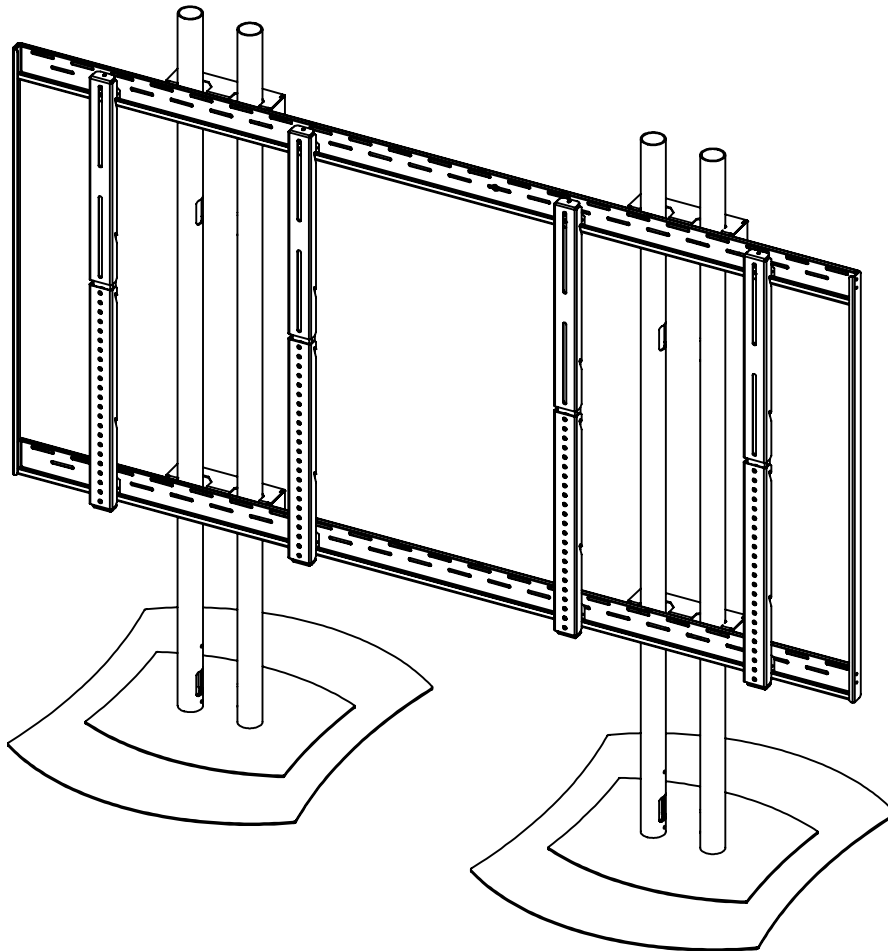
# peerless-AV<sup>®</sup>

## Installation and Assembly: Universal 2x2 Video Wall Stand for 40" - 46" Flat Panel Displays

Model: DS-VWS546-2X2

### COMPATIBILITY FORMULA

Display must be at least 36" wide and 20.75" high  
Width of the display + width of the mounting hole pattern < 1733 mm  
Height of the display + height of the mounting hole pattern < 1136 mm



**NOTE:** Read entire instruction sheet before you start installation and assembly.

## **▲ WARNING**

- Do not begin to install your Peerless product until you have read and understood the instructions and warnings contained in this Installation Sheet. If you have any questions regarding any of the instructions or warnings, for US customers please call Peerless customer care at 1-800-865-2112, for all international customers, please contact your local distributor.
- This product should only be installed by someone of good mechanical aptitude, has experience with basic building construction, and fully understands these instructions.
- Always use an assistant or mechanical lifting equipment to safely lift and position equipment.
- Tighten screws firmly, but do not overtighten. Overtightening can damage the items, greatly reducing their holding power.
- This product is intended for indoor use only. Use of this product outdoors could lead to product failure and personal injury.

### **Tools Needed for Assembly**

- PHILLIPS SCREW DRIVER
- 4MM ALLEN WRENCH (SUPPLIED)

### **Table of Contents**

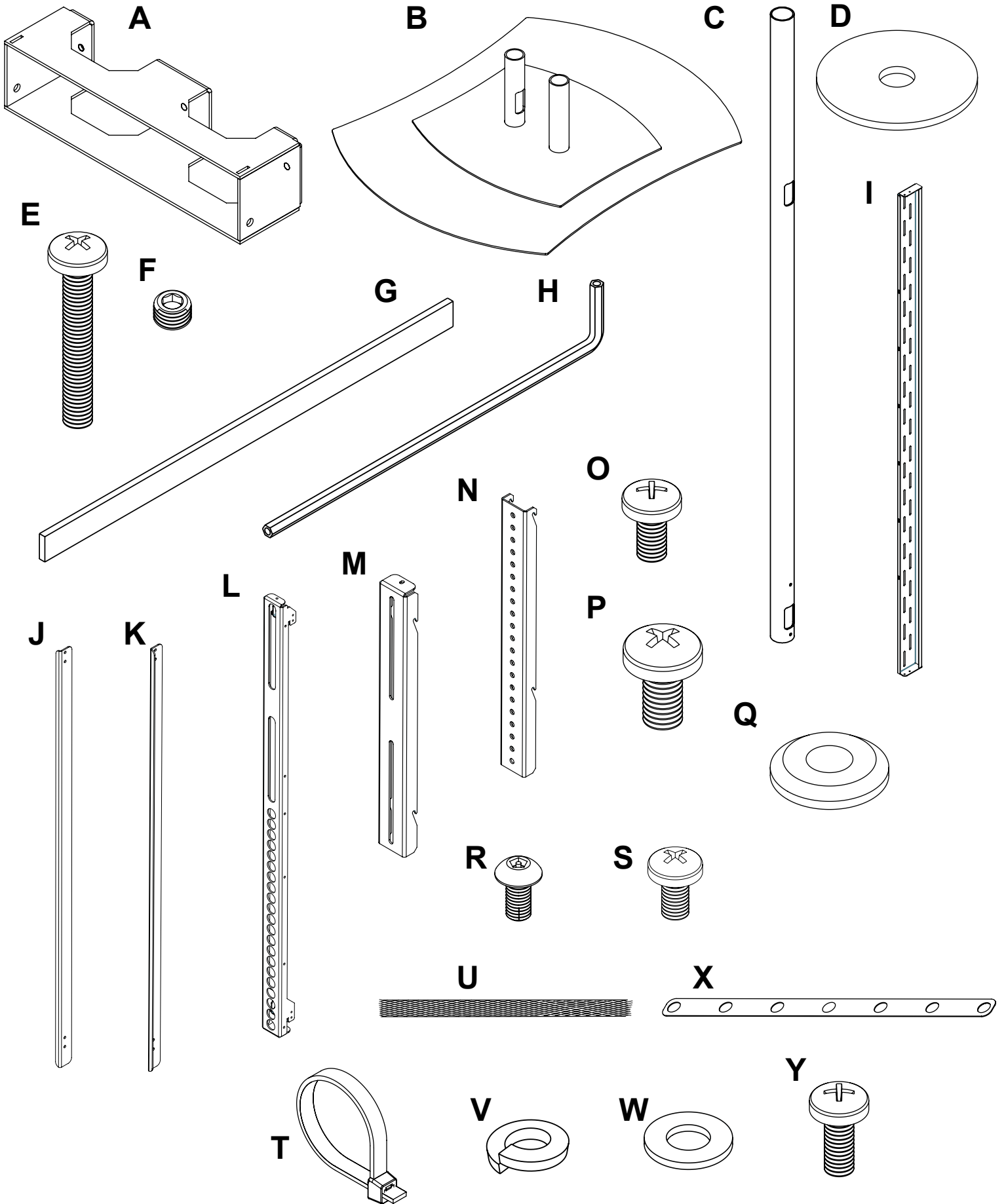
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## Parts List

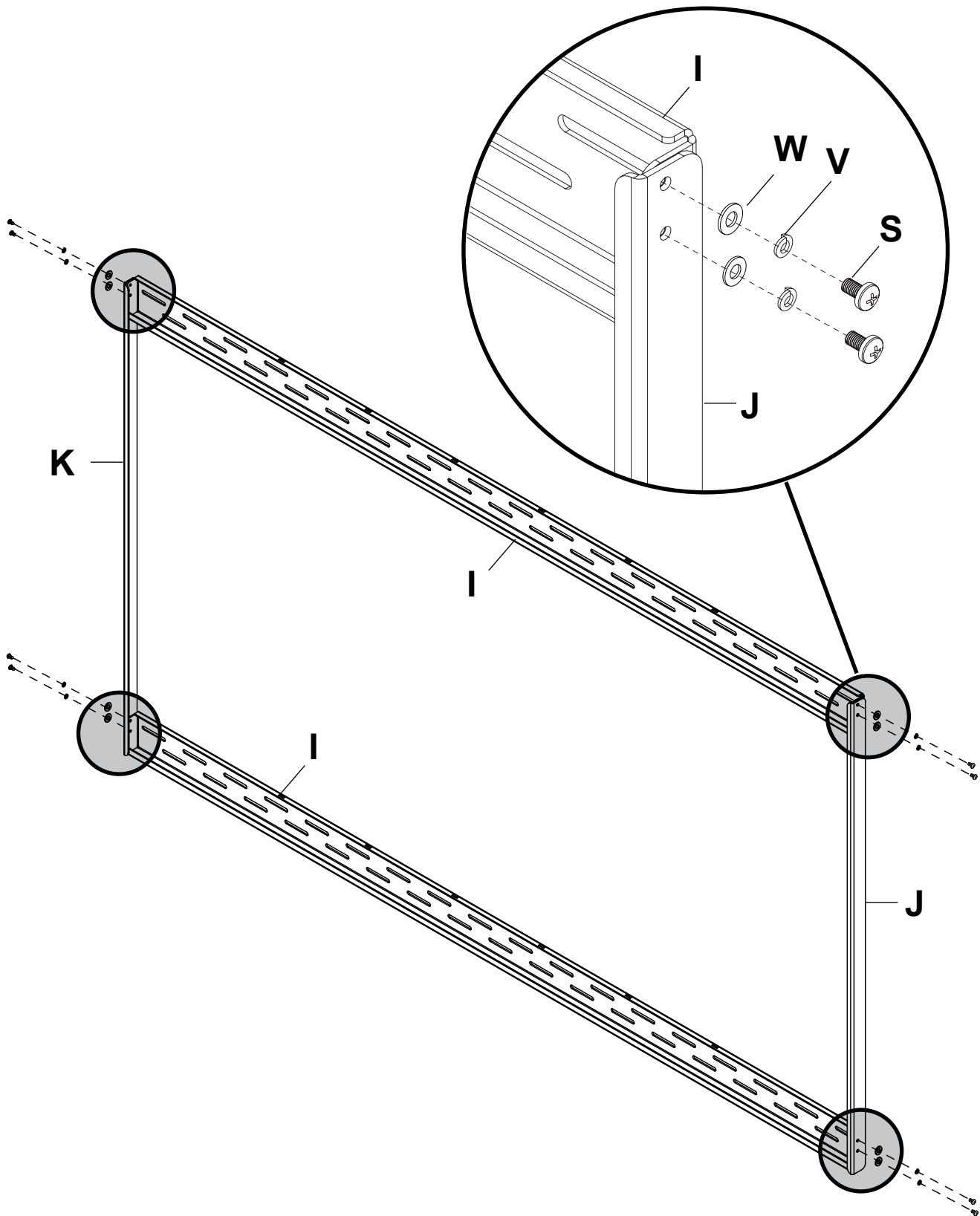
	Part Description	Quantity	Part Number
<b>A</b>	clamp	4	145-1734
<b>B</b>	FPZ-600 base	2	201-1037
<b>C</b>	FPZ-600 main tube	4	580-1159
<b>D</b>	fender washer	12	540-1008
<b>E</b>	M6 x 40mm phillips screw	12	520-1584
<b>F</b>	set screw	8	520-9566
<b>G</b>	bumper strip	2	570-1030
<b>H</b>	security wrench	1	560-9646
<b>I</b>	wall plate	2	145-1342
<b>J</b>	left bracket	1	145-1345
<b>K</b>	right bracket	1	145-1344
<b>L</b>	hook on bracket	4	145-1356
<b>M</b>	top bracket	4	145-1347
<b>N</b>	bottom bracket	4	145-1348
<b>O</b>	M6 x 12mm phillips screw	16	520-1128
<b>P</b>	M8 x 15mm phillips screw	16	520-9257
<b>Q</b>	nylon shoulder washer	16	590-2233
<b>R</b>	M5 x 10mm socket pin Type-F screw	8	520-1164
<b>S</b>	M5 x 12mm phillips screw	40	520-1027
<b>T</b>	cable tie	8	560-9711
<b>U</b>	mesh sleeve	4	600-1014
<b>V</b>	#10 lock washer	8	540-1035
<b>W</b>	#10 flat washer	8	540-9400
<b>X</b>	measure plate	1	145-1349
<b>Y</b>	M6 x 16mm phillips screw	16	520-9274

Before beginning, make sure you have all parts shown below



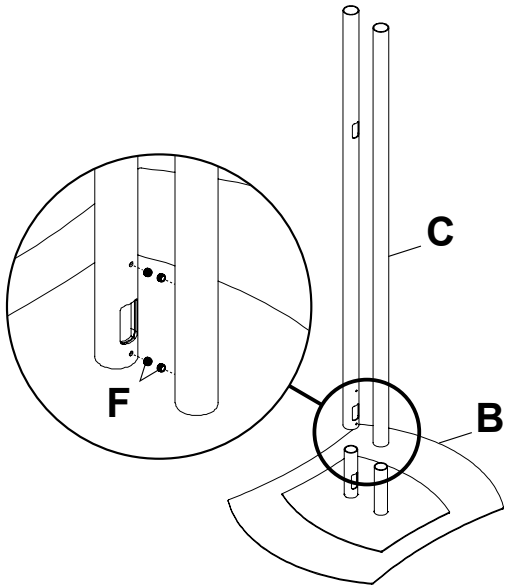
## WALL PLATE ASSEMBLY

- 1 Attach two wall plates (I) together using left and right connection brackets (J and K) with eight M5 x 12 mm phillips screws (S), #10 flat washer (W), #10 lock washer (V) as shown below.



## BASE PLATE ASSEMBLY

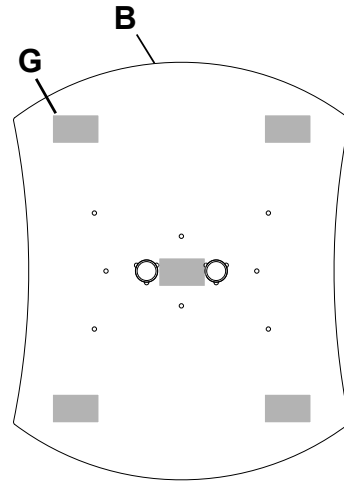
- 2.1** Attach FPZ-600 main tubes (C) to FPZ-600 base (B) using eight set screws (F).



## OPTIONAL: LEVELLING BASE USING BUMPER STRIP

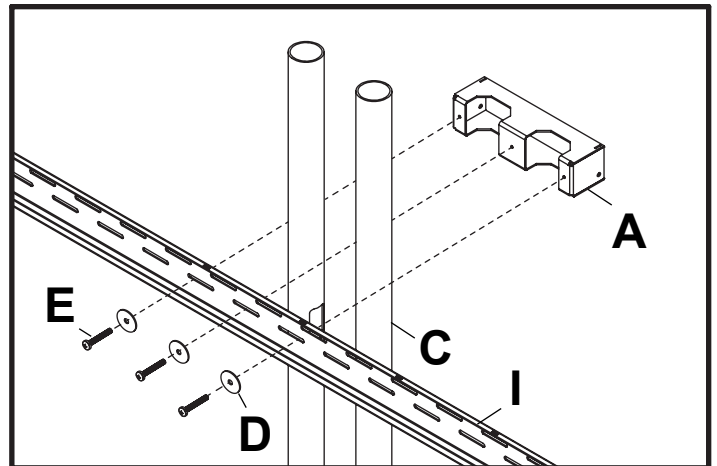
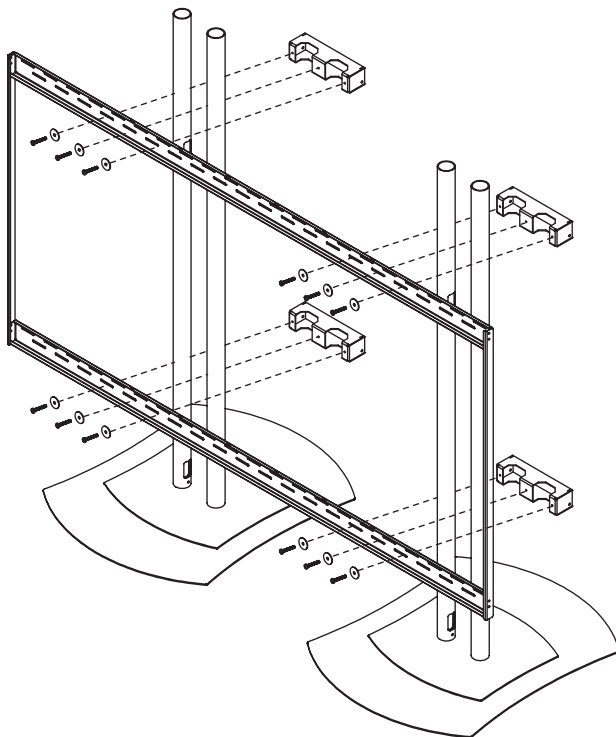
- 2.2** For some situations, bumper strip (G) may be required to keep base (B) level. Cut bumper strip into five equal pieces and adhere one piece to each corner and one piece to center of bottom side of base.

**Note:** The bumper strip pieces may also be used in other locations to properly level stands.

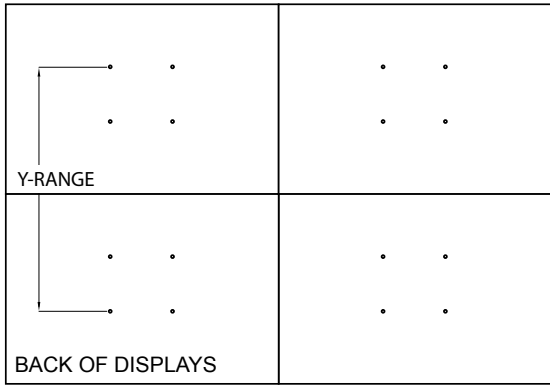


## BRACKET ASSEMBLY

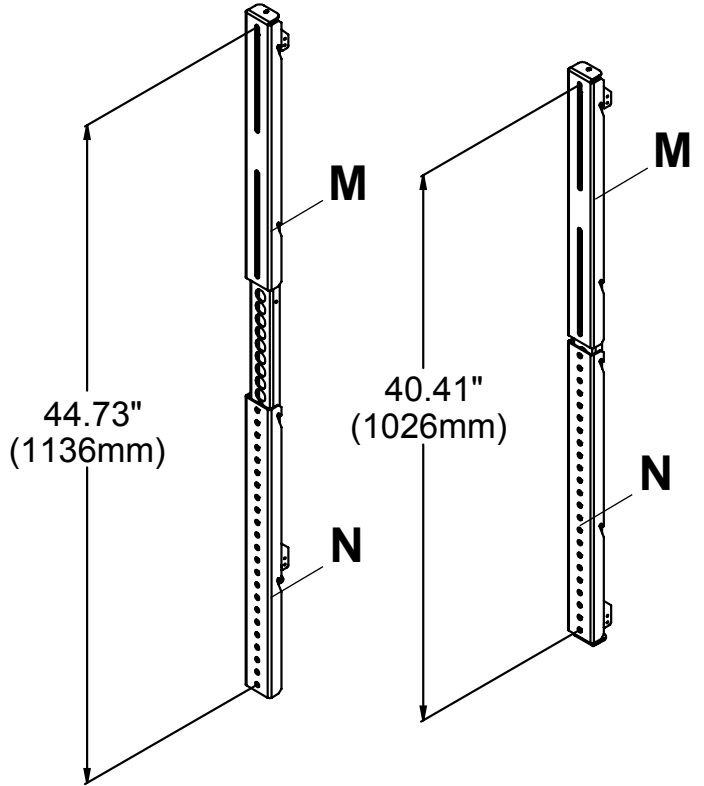
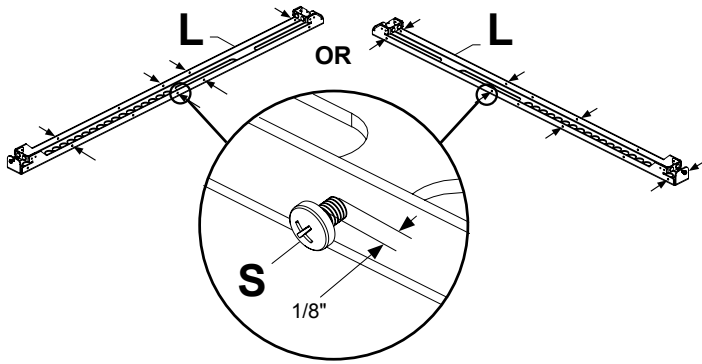
- 3** Secure video wall mount assembly to FPZ-600 main tubes (C) to clamps (A) using twelve M6 x 40mm phillips screws (E) with fender washers (D).



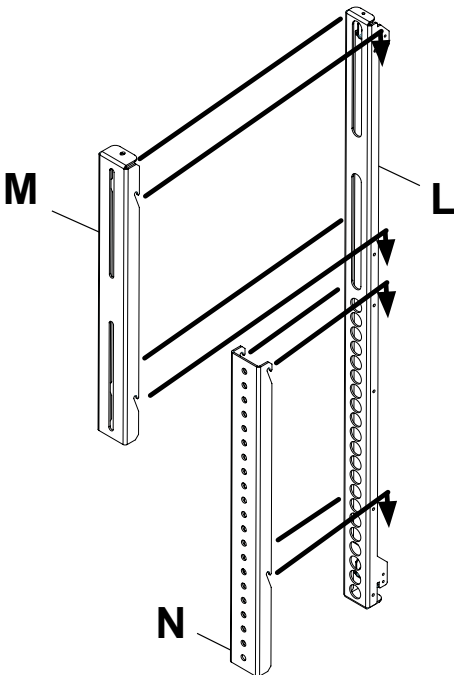
# DISPLAY BRACKET ASSEMBLY



**4** **Note:** Determine Display being used and select appropriate bracket assembly length based on dimension "Y".  
 Fasten eight M5 x 12 mm phillips screws (**S**) into each hook on bracket (**L**) leaving 1/8" of exposed thread as shown below. Repeat step for each hook on bracket.

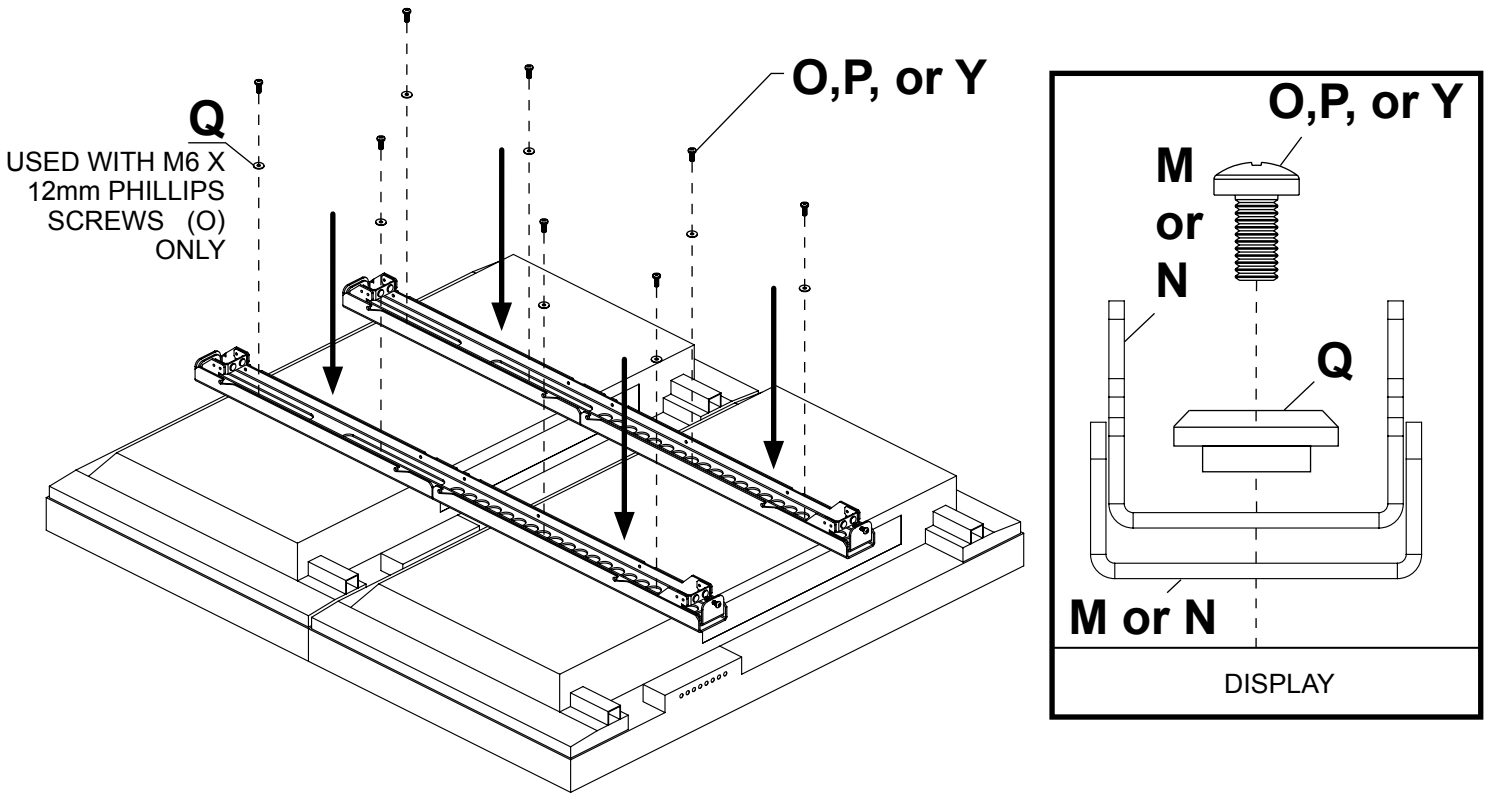


**5** Hook one the bottom adapter bracket (**N**) onto the exposed threads on the hook on bracket (**L**) as shown below. Hook one the top adapter bracket (**M**) onto the exposed threads on the hook on bracket (**L**) as shown below.  
**NOTE:** Do not tighten the screws on the hook on bracket (**L**).



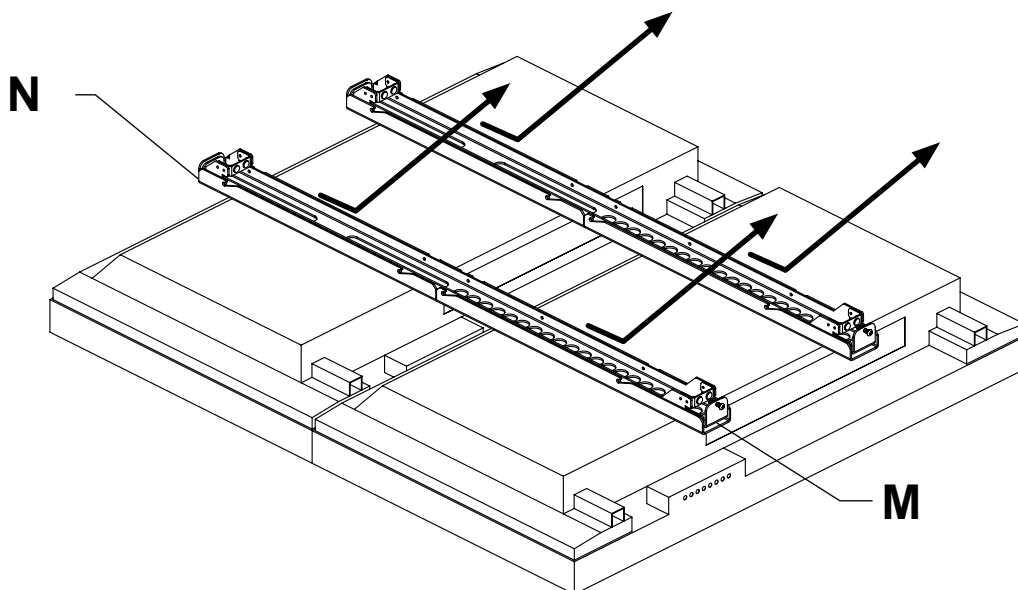
## ATTACHING BRACKETS TO DISPLAYS

- 6** Attach top and bottom adapter brackets (**M** and **N**) to back of displays using eight M6 x 12 mm phillips screws (**O**) with nylon shoulder washer (**Q**); eight M8 x 15 mm phillips screws (**P**); or eight M6 x 16 mm phillips screws (**Y**) as shown below.  
**NOTE:** Make sure that nylon shoulder washer (**Q**) is positioned as show.



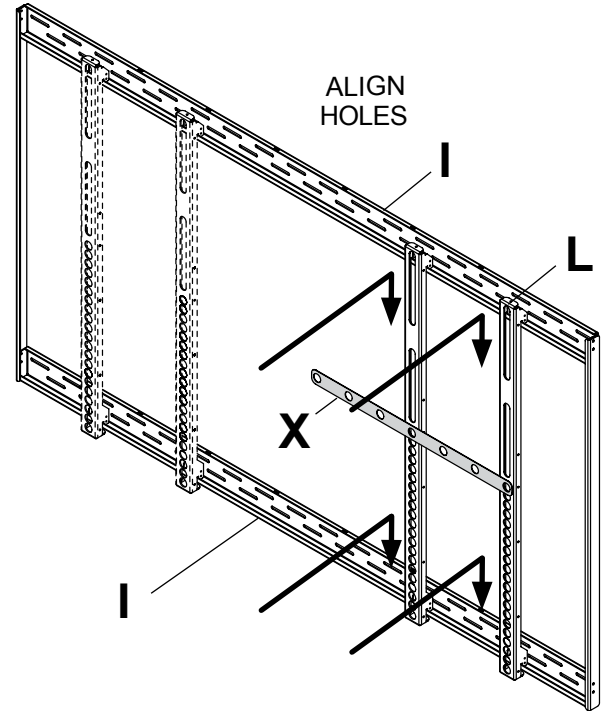
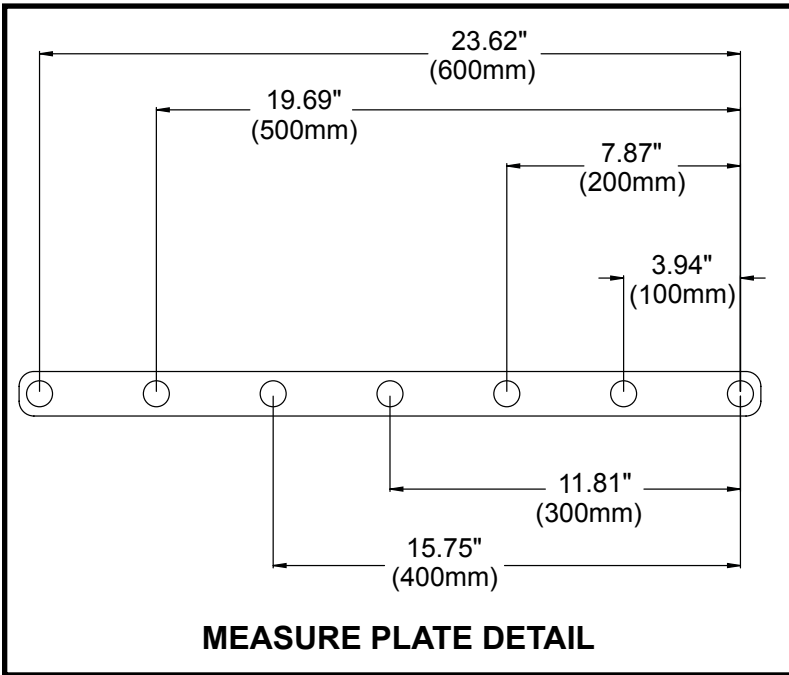
## SECURING BRACKETS TO WALL PLATES

- 7** Detach hook on bracket (**L**) from top and bottom adapter brackets (**M** and **N**) as shown below.

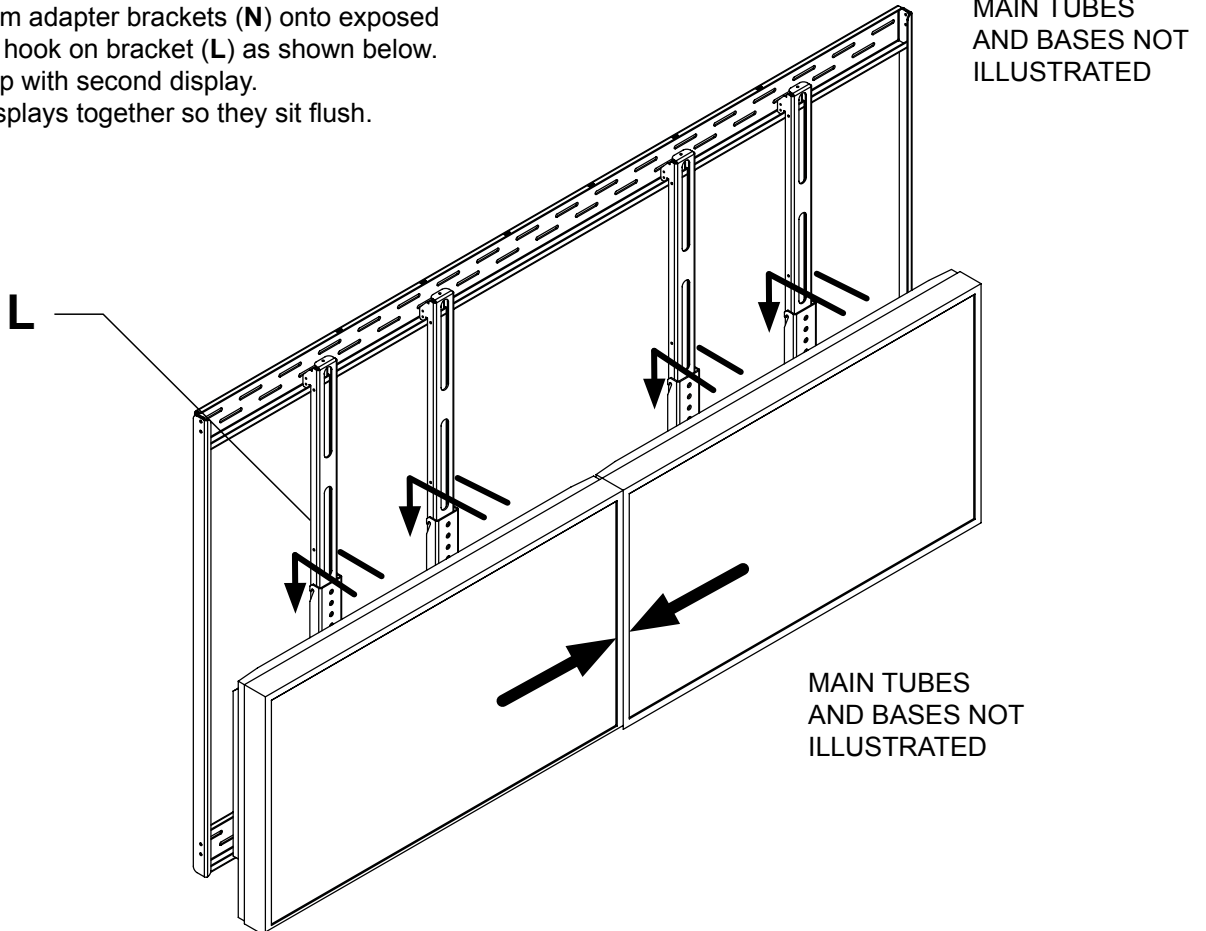




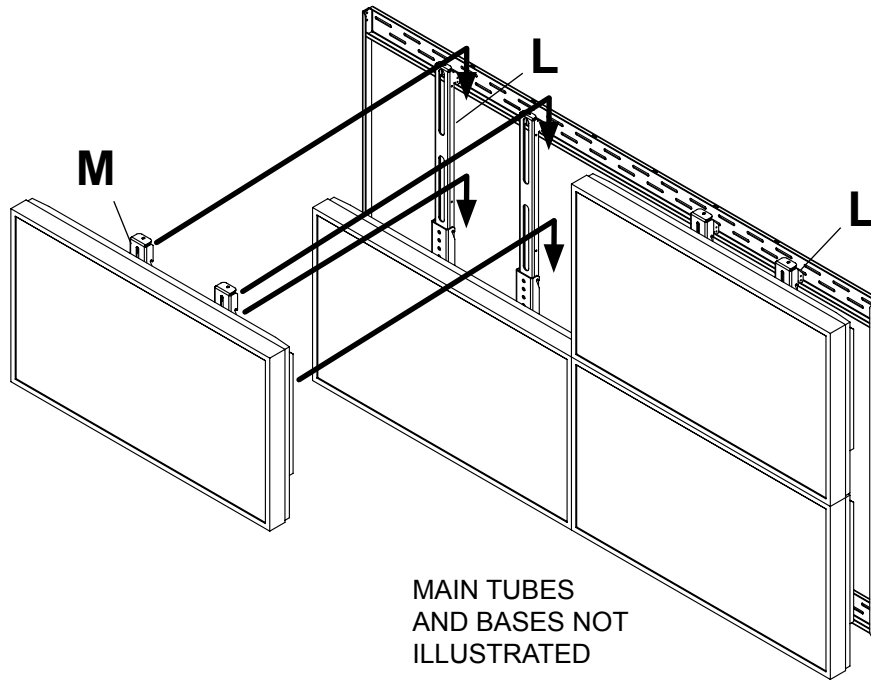
- 8** Attach two hook on brackets (L) onto wall plate as shown. Determine screen VESA mounting pattern and use measure plate (X) to space hook on bracket as show below. Repeat step with remaining hook on brackets (L).



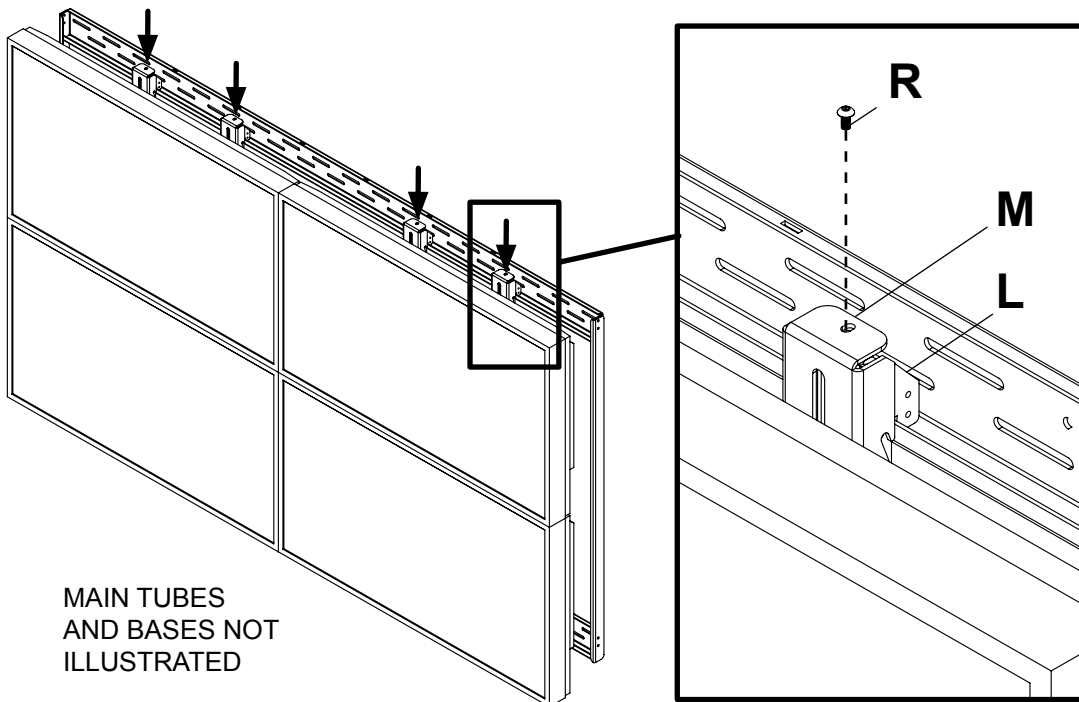
- 9** Hook bottom adapter brackets (N) onto exposed threads on hook on bracket (L) as shown below. Repeat step with second display. Position displays together so they sit flush.



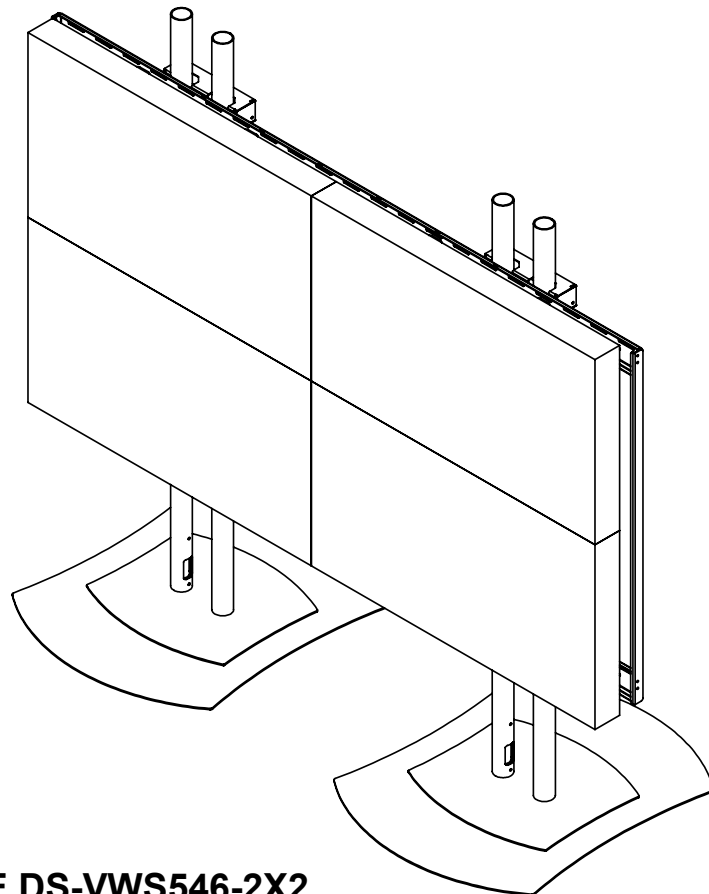
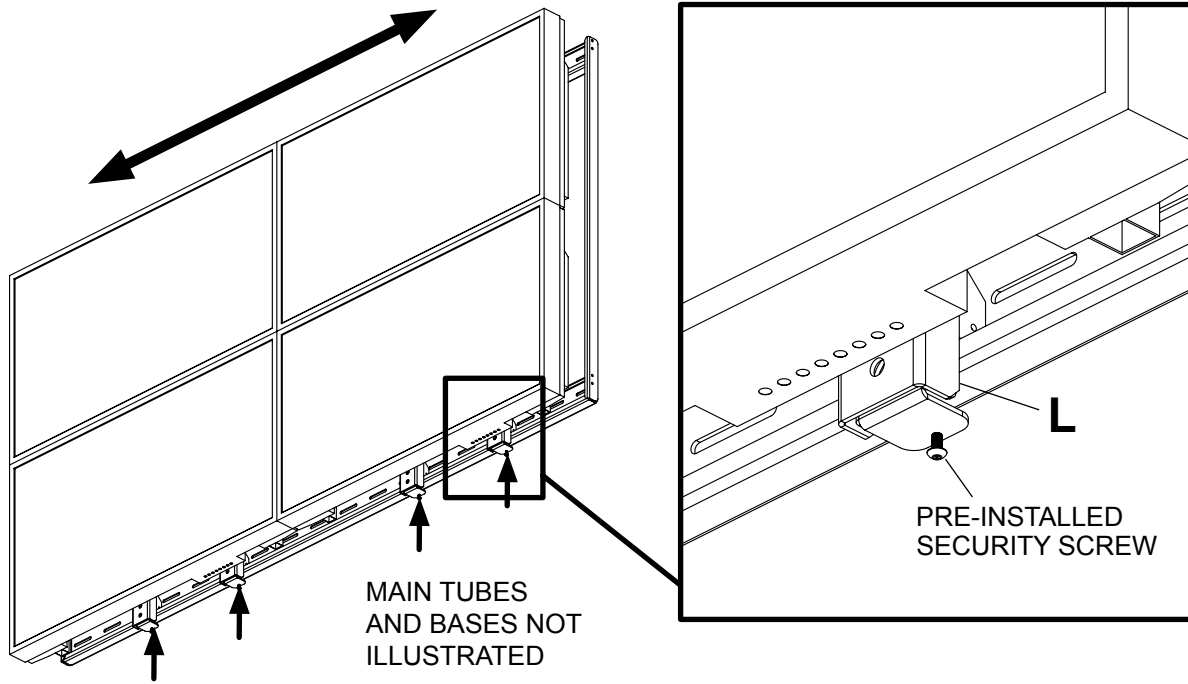
- 10** Hook one top adapter bracket (**M**) onto exposed threads on hook on bracket (**L**) as shown below. Repeat step with second display.



- 11** Secure top adapter brackets (**M**) to hook on brackets (**L**) using four M5 x 10 mm socket pin type-F screws (**R**) as shown below.



- 12** Once displays are in desired position, secure using four security screws located on bottom of hook on brackets (L).



## COMPLETE DS-VWS546-2X2