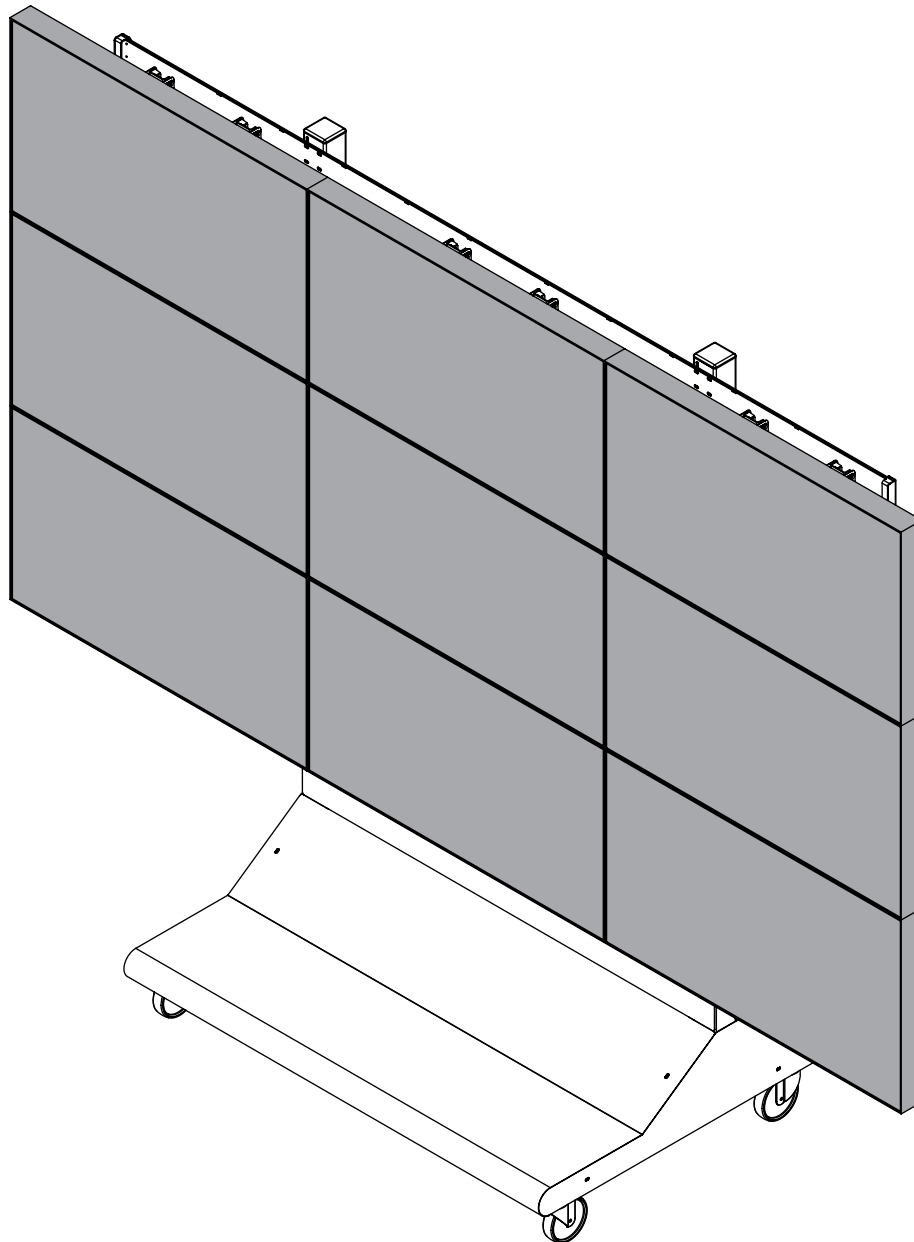




## Installation and Assembly: 3 x 3 Cart

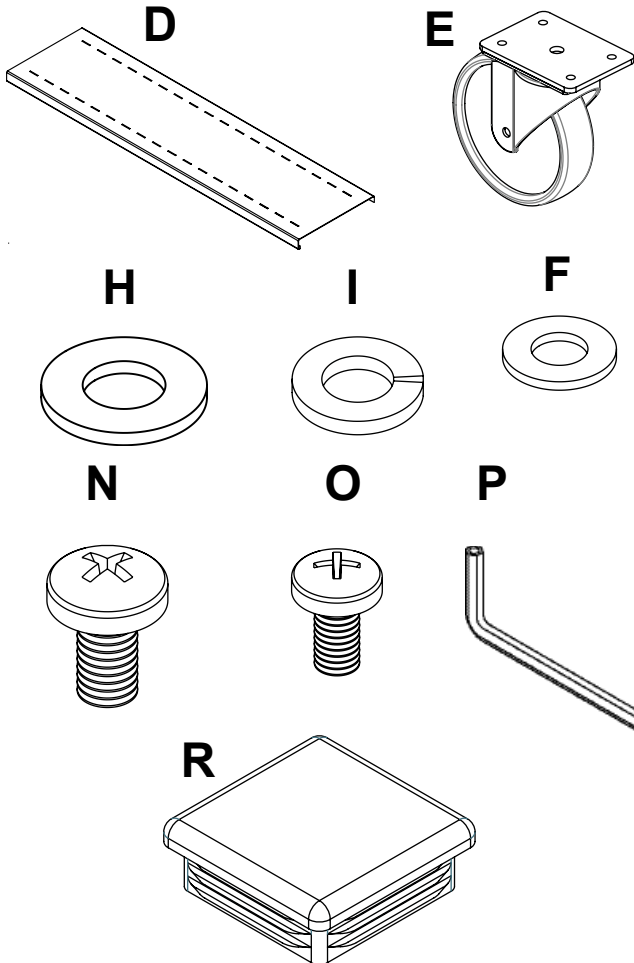
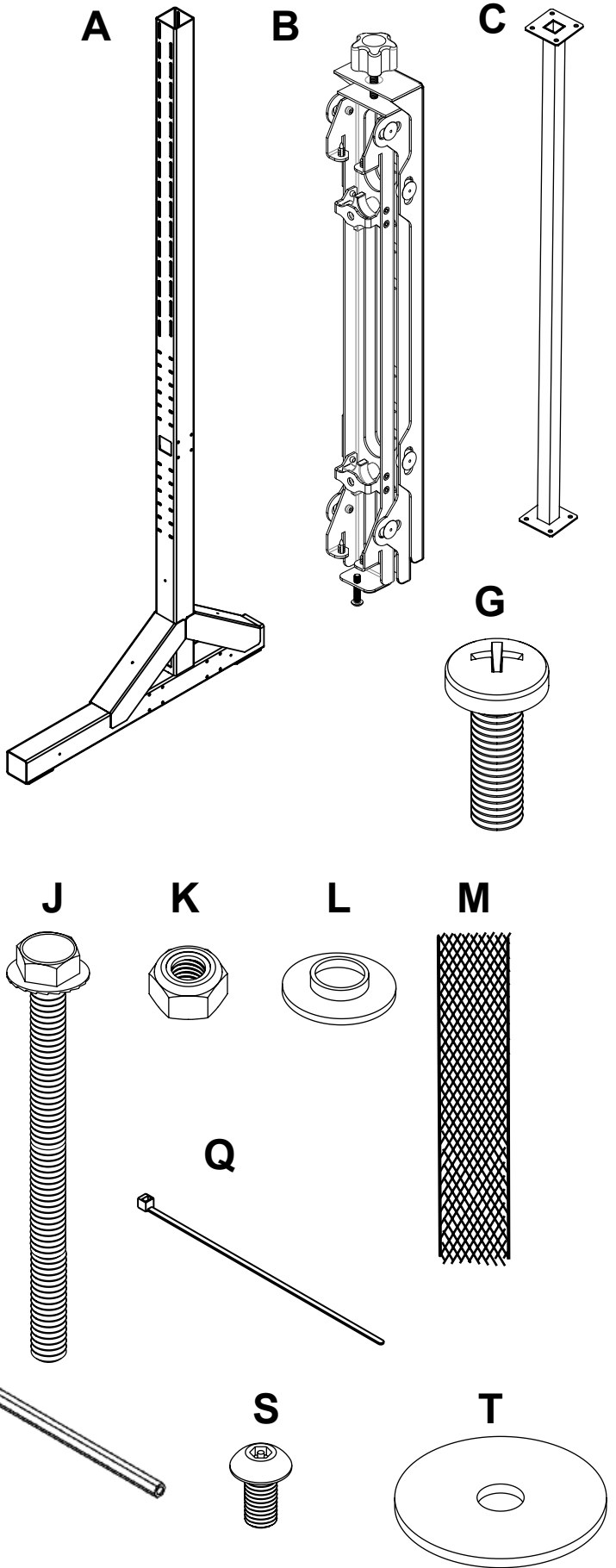
Model: DS-VWC655-3x3

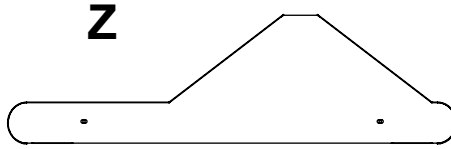
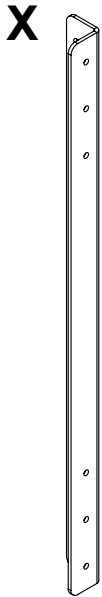
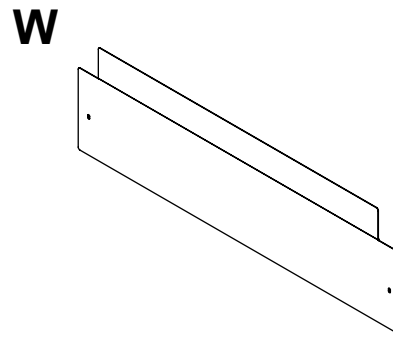
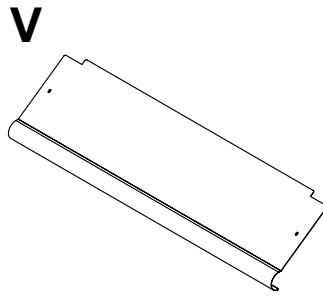
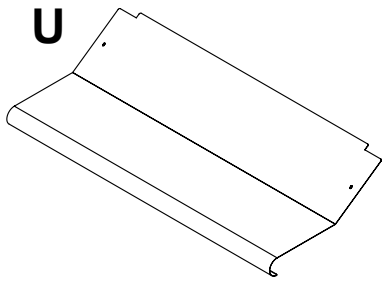


**Maximum Load Capacity 1000 lbs (454 kg)**

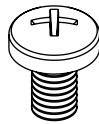
**PARTS LIST**

Description	Qty.	Part #
A vertical support	2	145-1543
B adapter brackets	18	145-1711
C horizontal support	3	145-1382
D shelf	1	145-1361
E 5" caster	4	600-0026
F 1/4" flat washer	48	540-9440
G M8 x 25 mm phillips screw	16	520-1031
H 5/16 flat washer	16	540-9406
I 5/16 split washer	16	540-9405
J 1/4-20 x 3.5" hex head screw	48	520-1656
K 1/4-20 nylock nut	48	530-9413
L .38 OD x .06 LG nylon washer	36	590-2233
M 18" mesh sleeve	9	600-1014
N M8 x 16 mm phillips screw	36	520-9257
O M6 x 12 mm phillips screw	36	520-1128
P 4 mm allen wrench	9	560-9646
Q cable tie	18	560-9711
R tube cap	2	590-1289
S M5 x 10 mm socket pin screw (not used)	18	520-1164
T #14 fender washer (not used)	36	540-1008
U lower front cover	1	145-1505
V lower back cover	1	145-1384
W upper cover	2	145-1450
X rail connection bracket	6	145-1503
Y horizontal rail	6	145-1447
Z side cover	2	145-1362
AA M5 x 10 mm phillips screw	40	520-1233
BB flat washer	40	540-9400
CC lock washer	40	540-1035
DD decorative screw	14	520-2326
EE spacer	4	590-1136
FF self-drilling screw	3	520-1320
GG connection bracket	4	145-1504
HH M6 x 16 mm phillips screw	36	520-9274

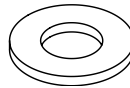




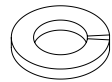
**AA**



**BB**



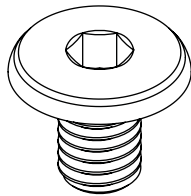
**CC**



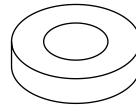
**GG**



**DD**



**EE**

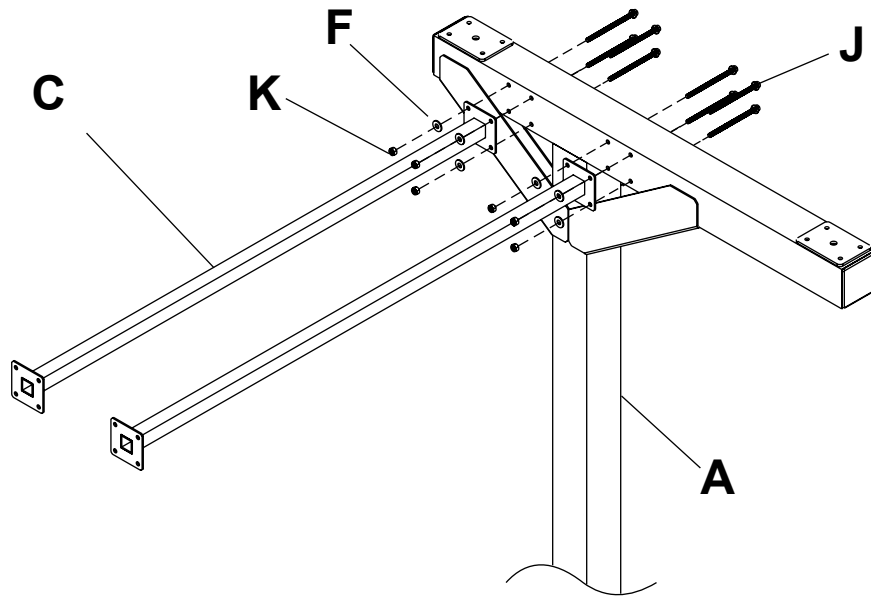


**FF**

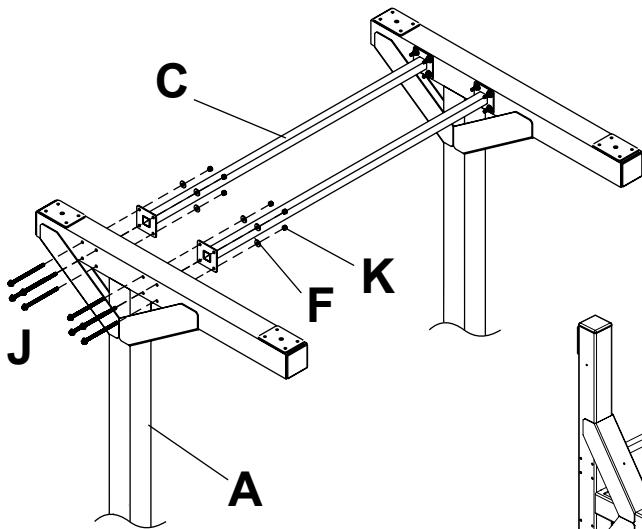


## Assembling Cart

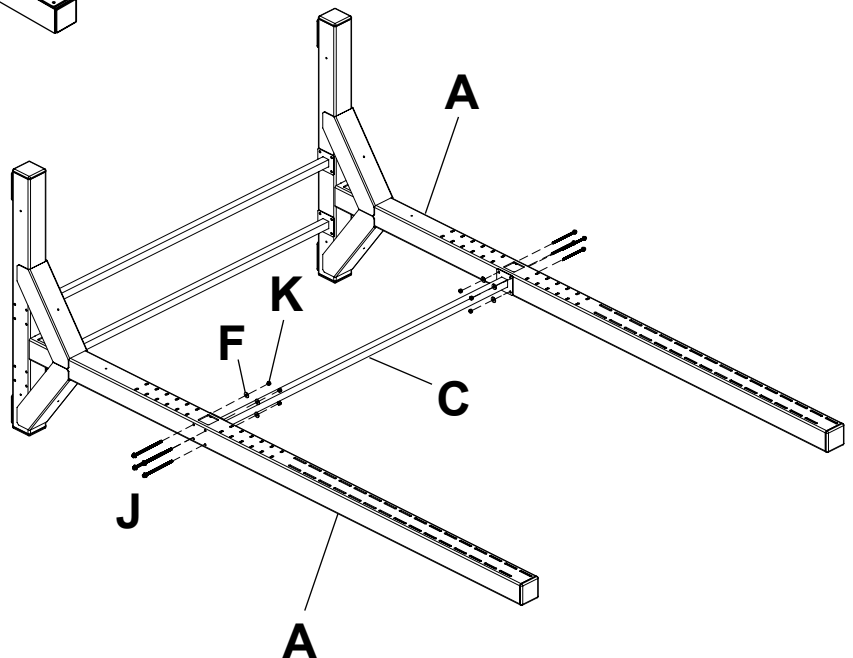
- 1** Attach two horizontal supports (C) to vertical support (A) using eight 1/4-20 x 3.5" hex head screws (J), 1/4" SAE washers (F) and 1/4-20 nylock nuts (K).



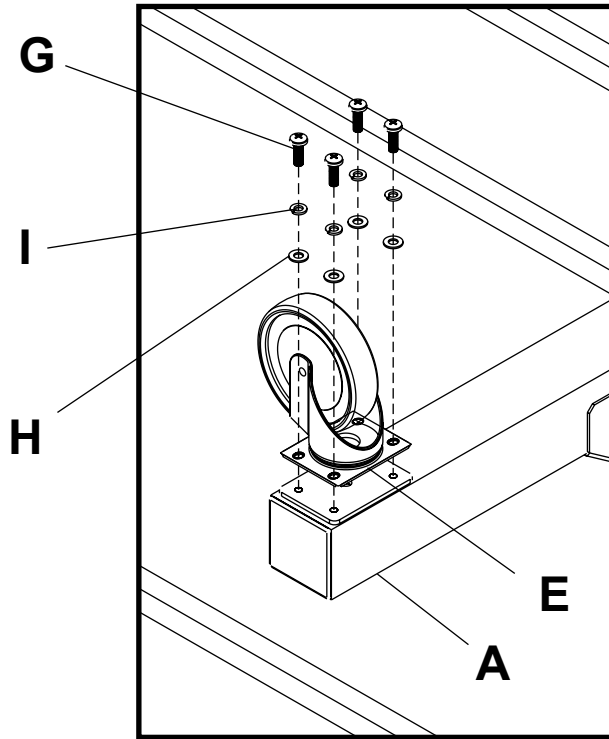
- 2** Attach horizontal supports (C) to second vertical support (A) using eight 1/4-20 x 3.5" hex head screws (J), 1/4" SAE washers (F) and 1/4-20 nylock nuts (K).



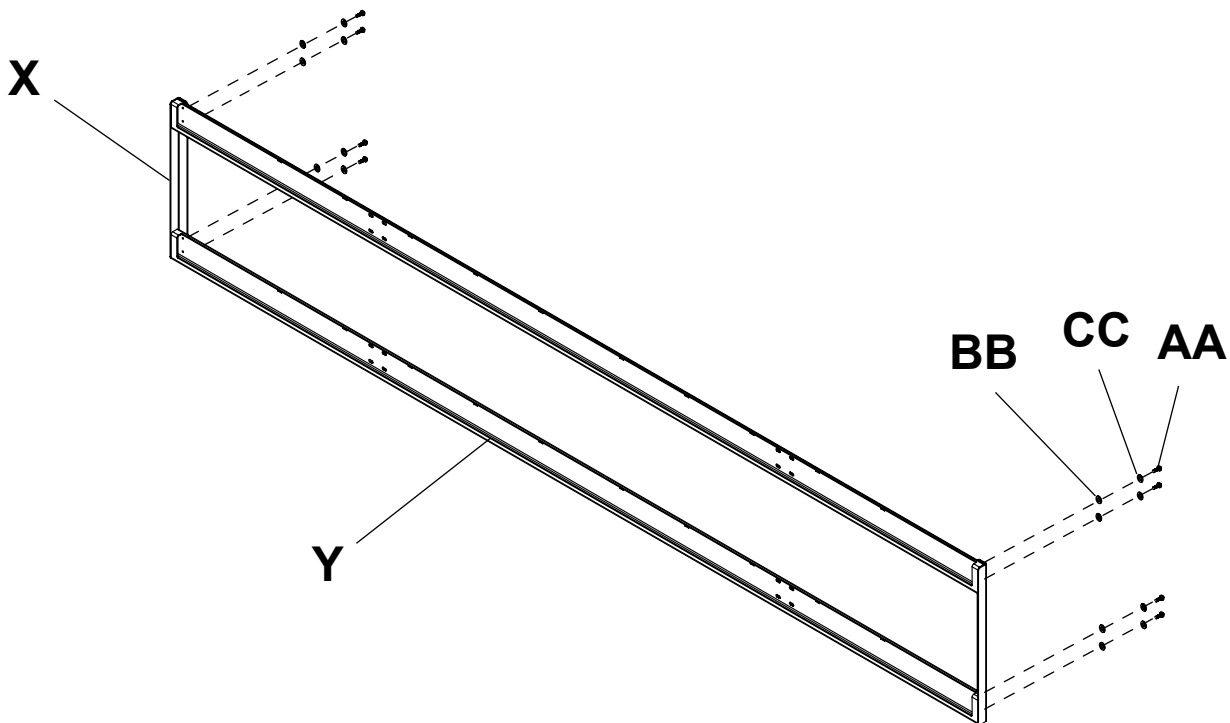
- 3** Attach horizontal support (C) to vertical supports (A) using eight 1/4-20 x 3.5" hex head screws (J), 1/4" SAE washers (F) and 1/4-20 nylock nuts (K).



- 4** Attach four swivel casters (**E**) to vertical supports (**A**) using sixteen M8 x 25 mm pan phillips screws (**G**), split washers (**I**) and 5/16" SAE flat washers (**H**).



- 5** Attach two rail brackets (**Y**) together using two rail connection brackets (**X**) with eight M5 x 10 mm pan phillips screws (**AA**), lock washers (**CC**), and flat washers (**BB**).



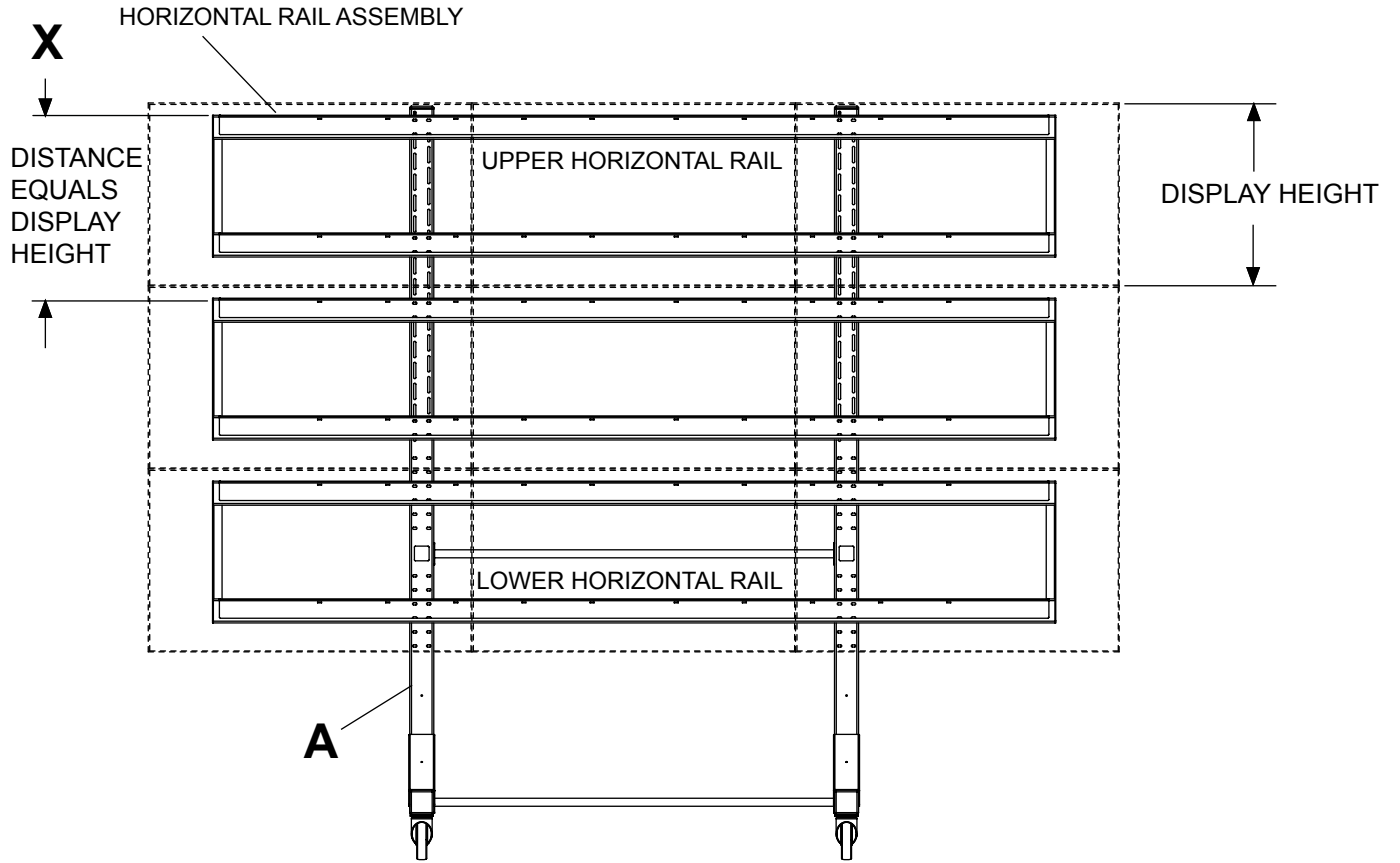
**6**

Determine position of horizontal rail assemblies using the formula below.

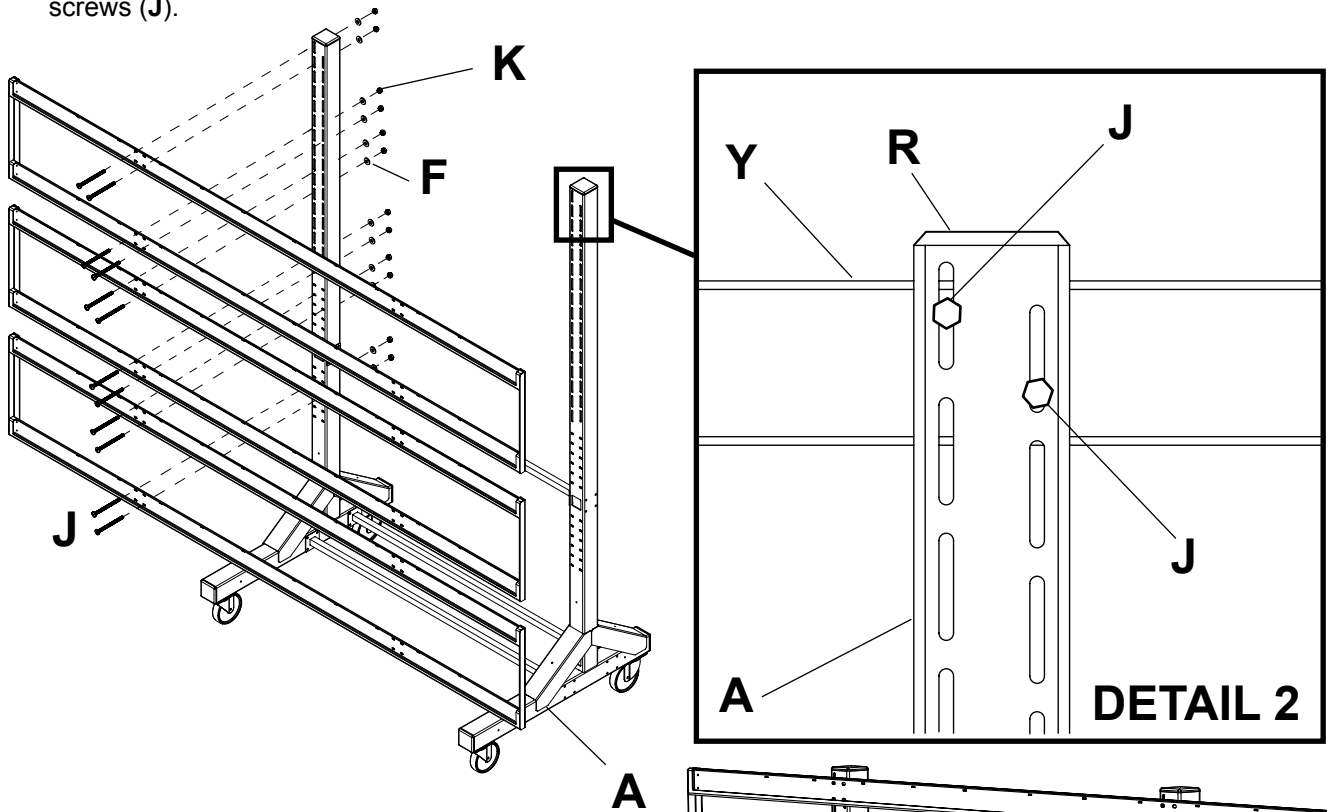
1. Locate the position of the lower horizontal rail assemblies and attach to vertical supports (**A**).
2. Use display height to determine location of upper horizontal rail assemblies,

**NOTE:** Horizontal rail assemblies must be secured using twenty-four 1/4-20 x 3.5" hex head screws (**J**).

## X = HEIGHT OF DISPLAY



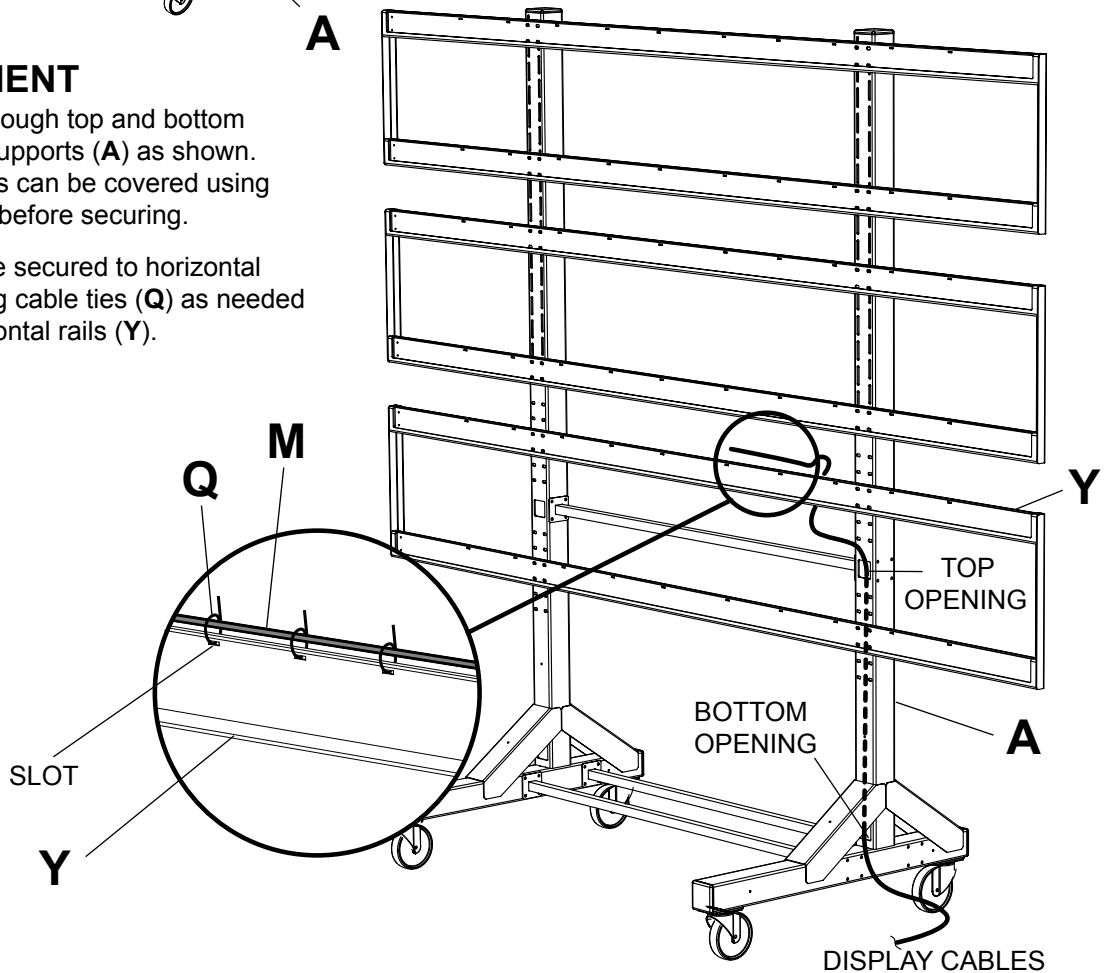
- 7** Attach three horizontal rails assemblies onto vertical supports (**A**) using twenty-four 1/4-20 x 3.5" hex head screws (**J**), 1/4" SAE washers (**F**) and 1/4-20 nylock nuts (**K**) as shown in detail 2. Make sure that horizontal rail assemblies are level then tighten all 1/4-20 x 3.5" hex head screws (**J**). Place two tube caps (**R**) into tops of vertical supports (**A**) as shown in detail 2. **NOTE:** horizontal rails must be secured using twenty-four 1/4-20 x 3.5" hex head screws (**J**).



## CABLE MANAGEMENT

- 8** Run display cables through top and bottom openings in vertical supports (**A**) as shown. **NOTE:** Display cables can be covered using 18" mesh sleeve (**M**) before securing.

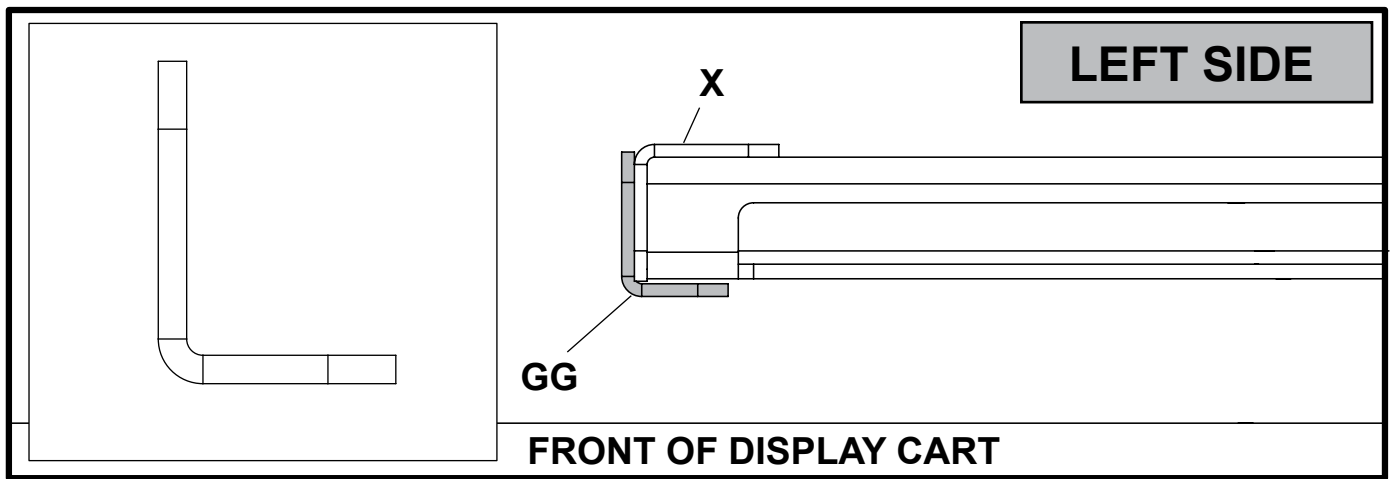
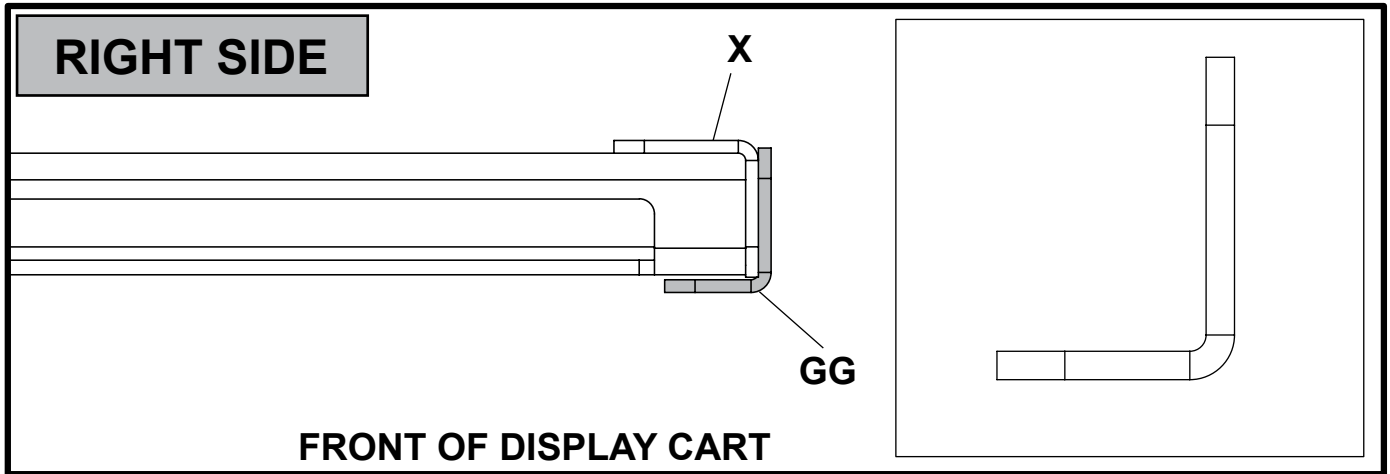
Display cables can be secured to horizontal rails assemblies using cable ties (**Q**) as needed through slots in horizontal rails (**Y**).



9

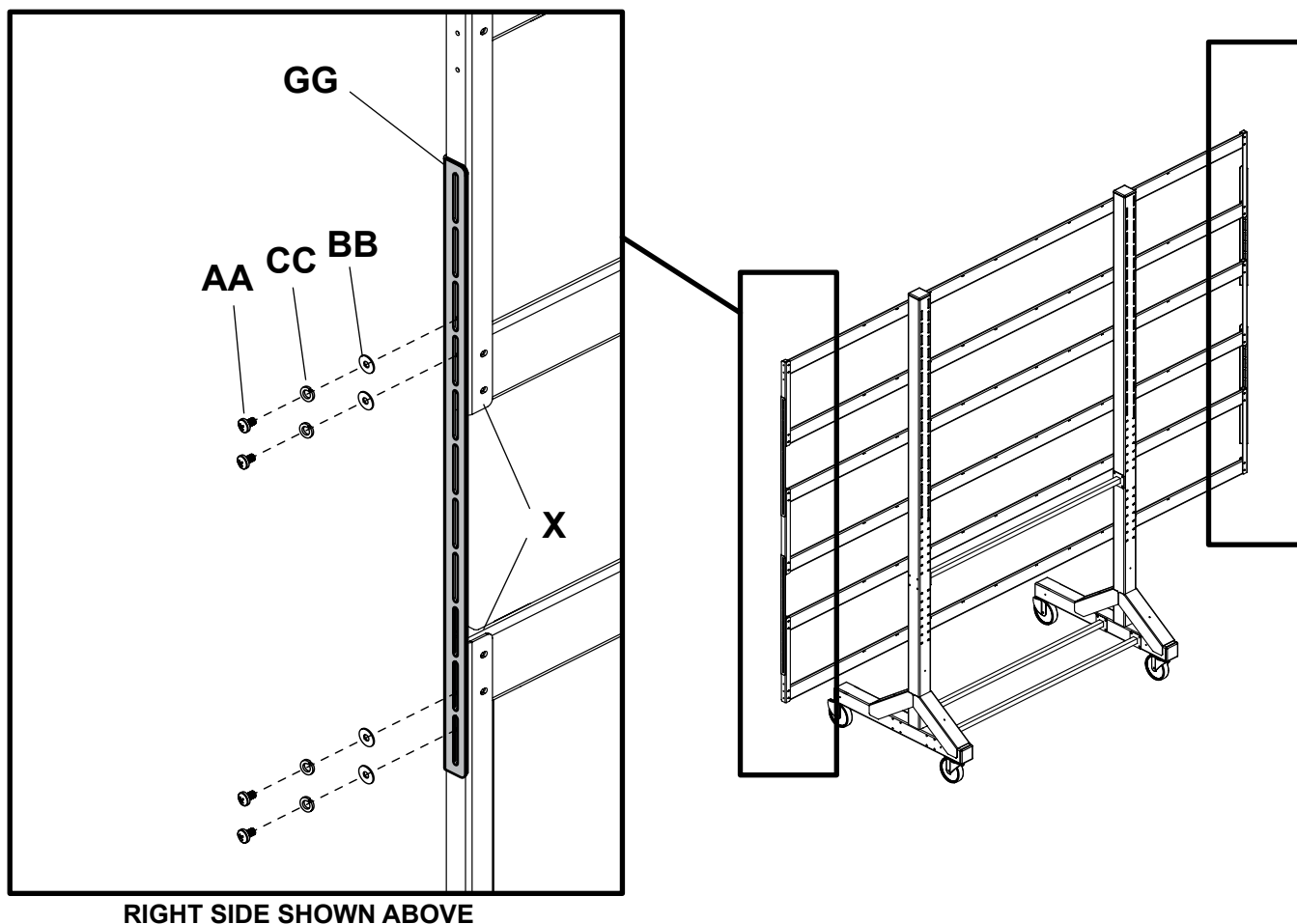
**NOTE:** Connection brackets (**GG**) orientation.

Place connection brackets (**GG**) onto rail connection brackets (**X**) as shown below.

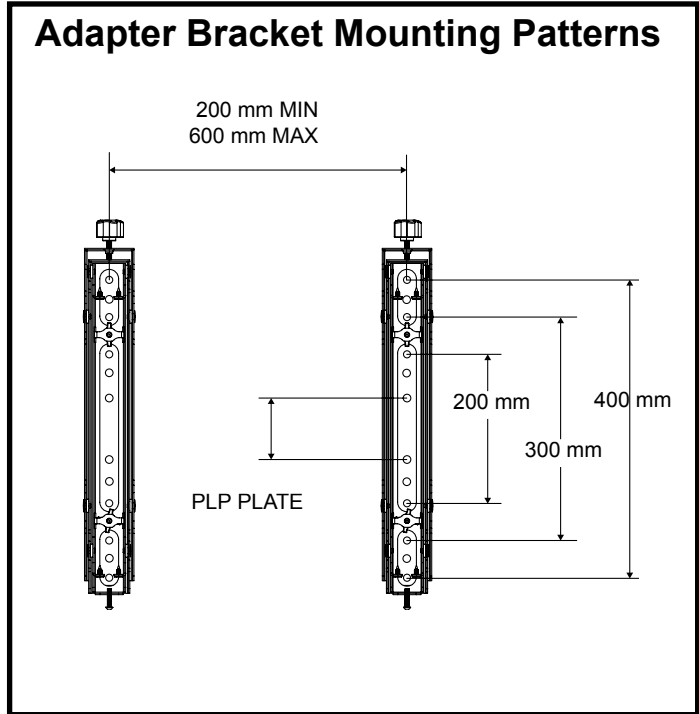
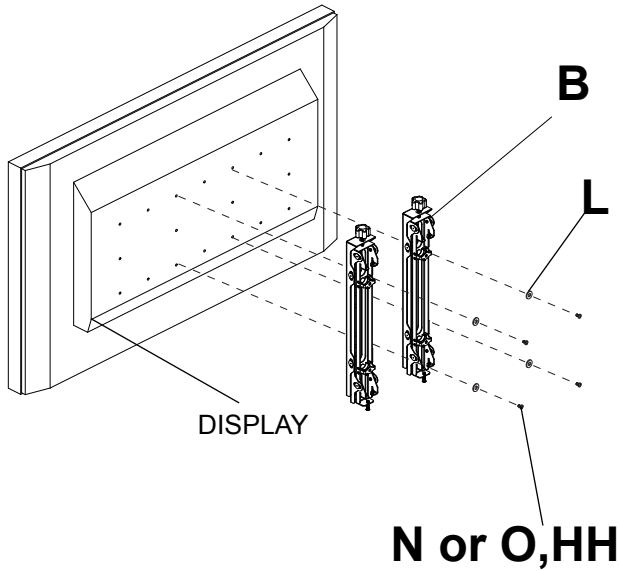




**9-1** Attach connection brackets (**GG**) onto rail connection brackets (**X**) as shown below. Secure one connection brackets (**GG**) with four M5 x 10 mm phillips screws (**AA**), lock washers (**CC**), and flat washers (**BB**) as shown below. Repeat step for remaining three connection brackets (**GG**).

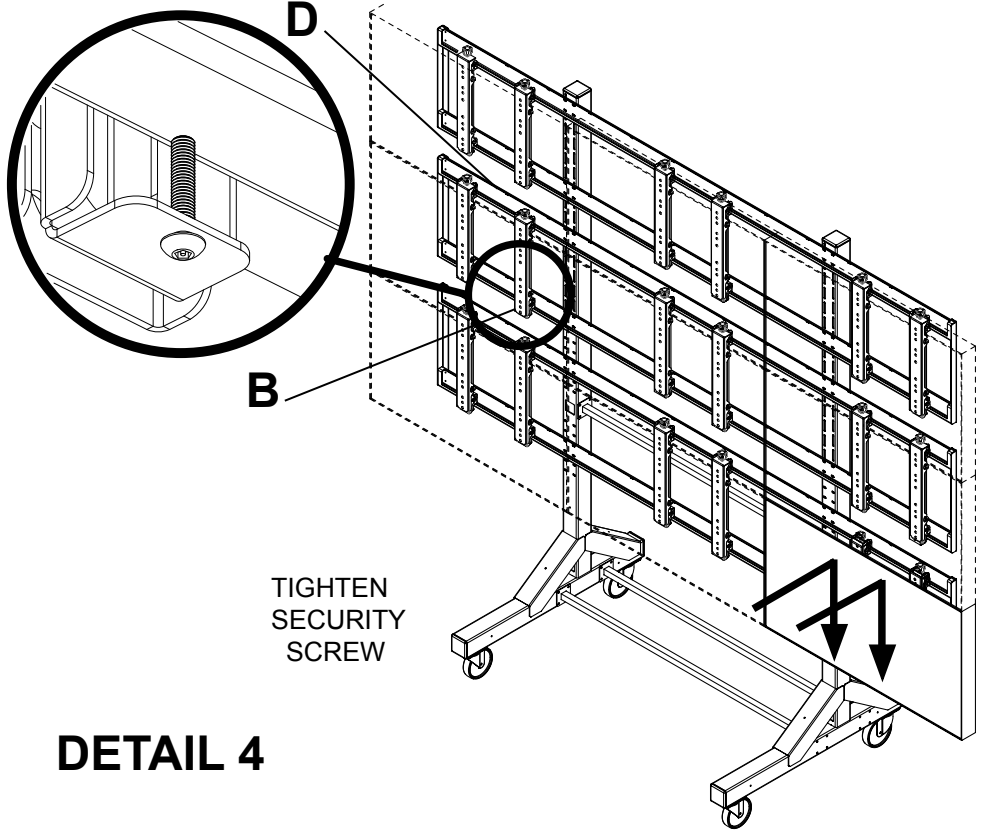


- 10** Attach adapter brackets (**B**) to back of display using four M6 x 12 mm phillips screws (**O**) or M6 x 16 mm Phillips screw (**HH**) with nylon shoulder washer (**L**), or four M8 x 15 mm phillips screws (**N**) as shown below.

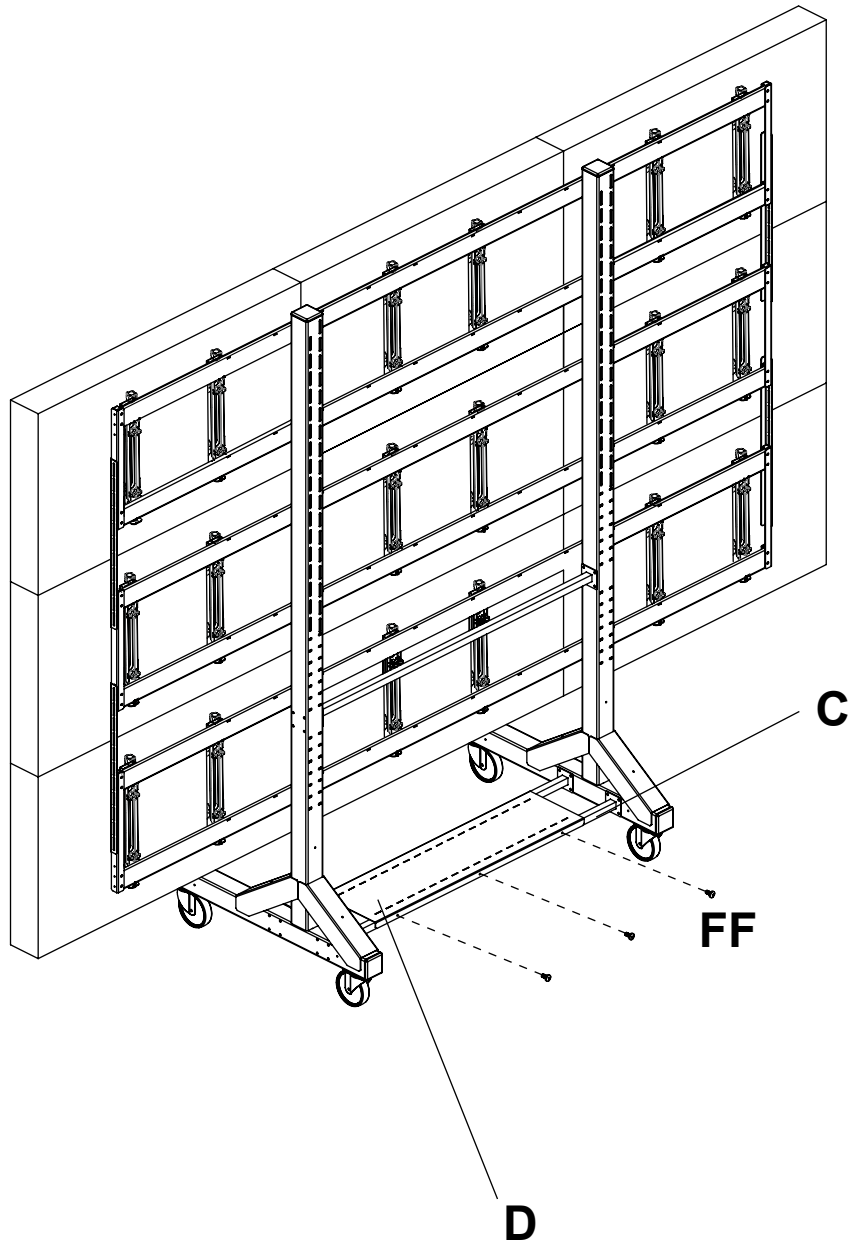


- 11** Hook display and adapter brackets (**B**) onto horizontal rail assemblies as shown below.  
**NOTE:** Start with bottom display.

**NOTE:** Once display is located in desired position, tighten security screws as shown in detail 4.  
 DISPLAY NOT SHOWN FOR CLARITY





**12** Fasten shelf (D) onto horizontal support (C) using three self-drilling screws (FF) as shown below.





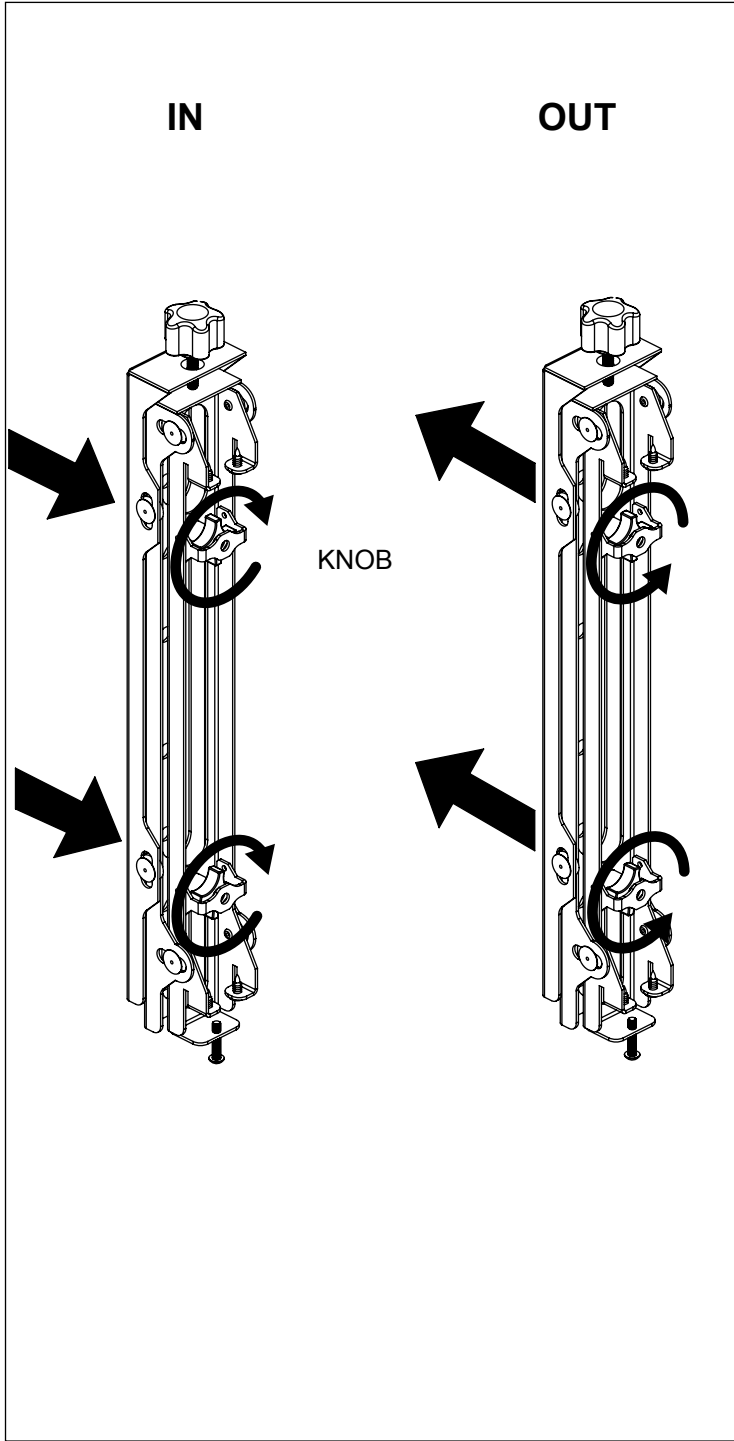
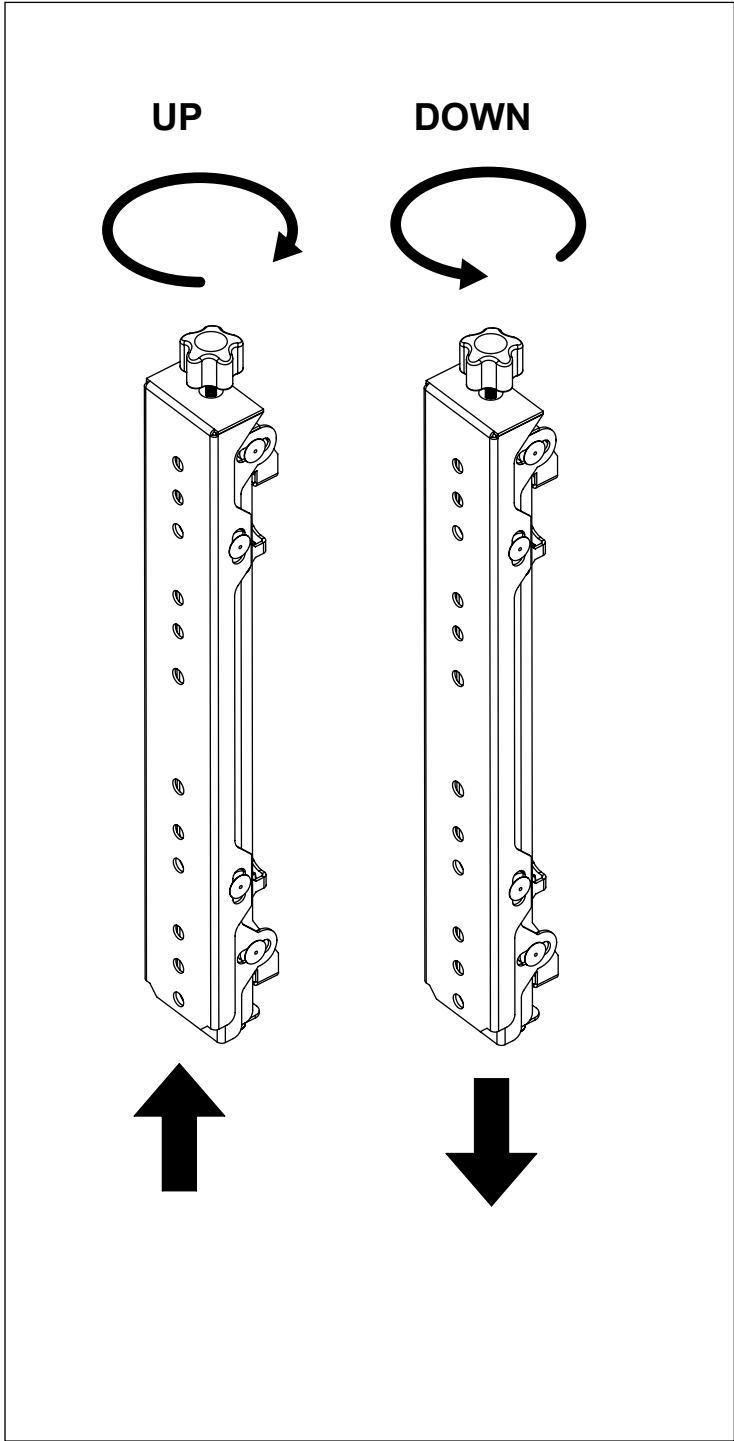
# Adapter Bracket Adjustment

**13** Use legend below to determine position of display.

**NOTE:** Each knob can be adjusted independently for fine tuning angle adjustments.

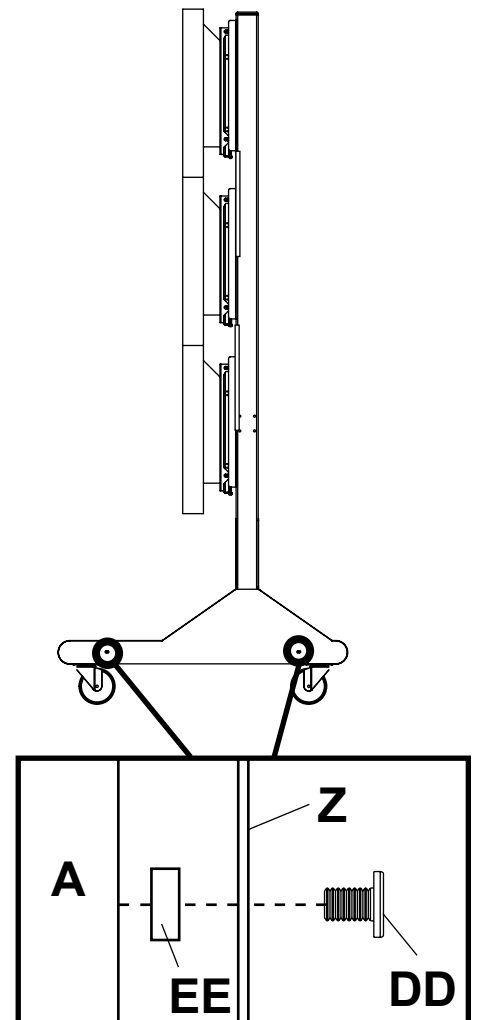
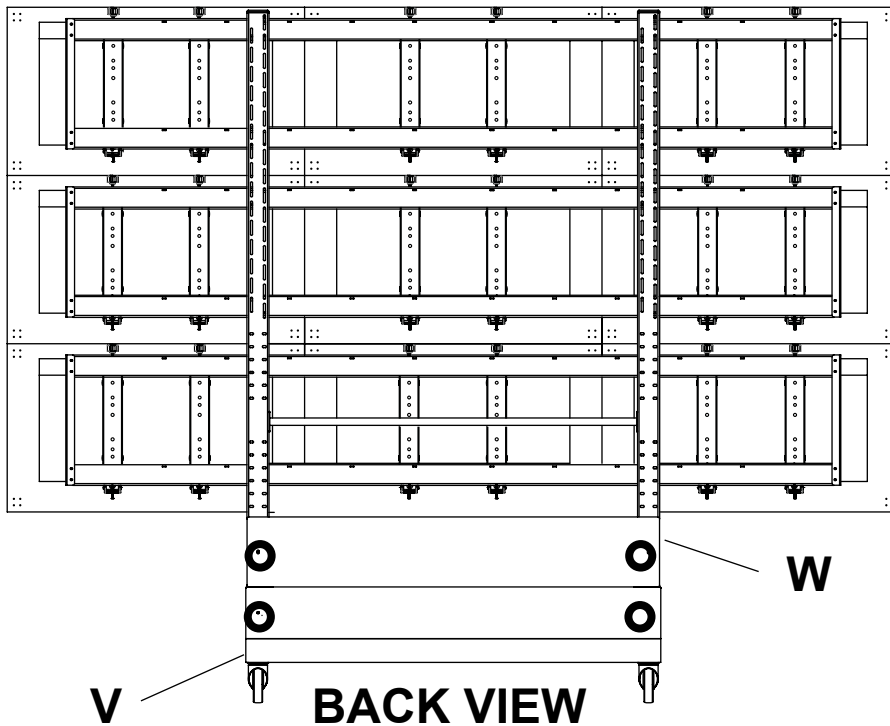
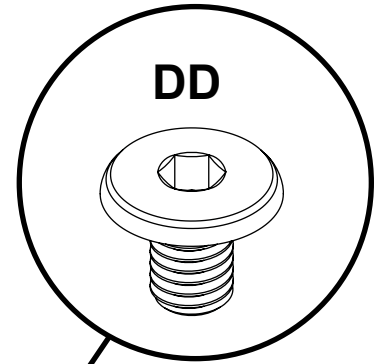
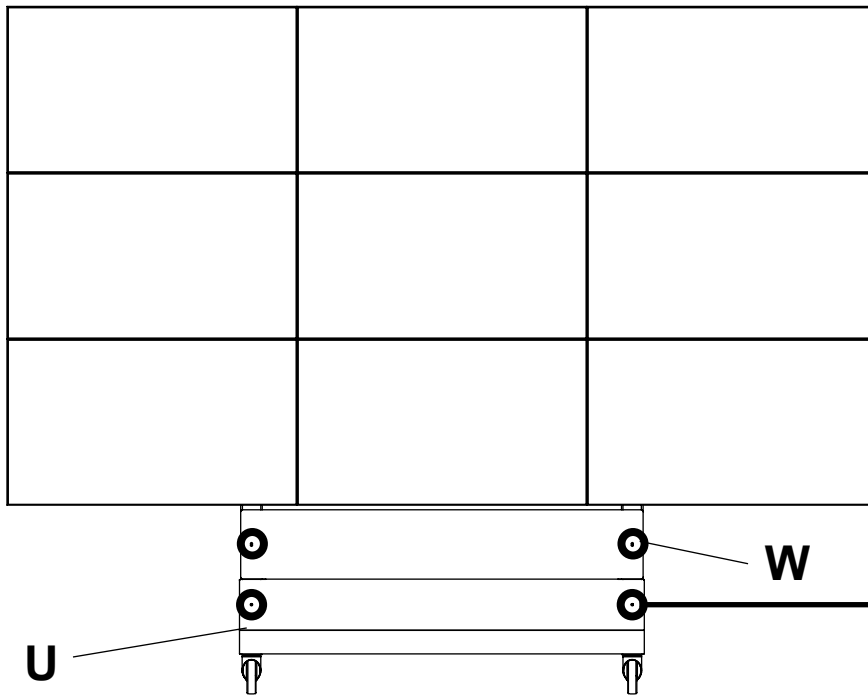
 Turn knobs **CLOCKWISE** to raise display height.  
 Turn knobs **COUNTER-CLOCKWISE** to lower display height.

 Turn knobs **CLOCKWISE** to push out display.  
 Turn knob **COUNTER-CLOCKWISE** to pull in display.



## Attaching Covers

- 14** **NOTE:** Position bottom front and back covers first  
 Position front bottom cover (**U**). Secure covers in place using four decorative screws (**DD**) as shown below.  
 Position back bottom cover (**V**). Secure covers in place using four decorative screws (**DD**) as shown below.  
 Position upper cover (**W**) on front of vertical supports (**A**). Secure covers in place using four decorative screws (**DD**) as shown below. Position upper cover (**W**) on back of vertical supports (**A**). Secure covers in place using four decorative screws (**DD**) as shown below.



- 15** Attach two retaining spacers (**EE**), and decorative screws (**DD**) to side cover (**Z**) as shown to right. Attach side cover to vertical support (**A**) so that it goes inside the lower front and back covers (**U** and **V**).