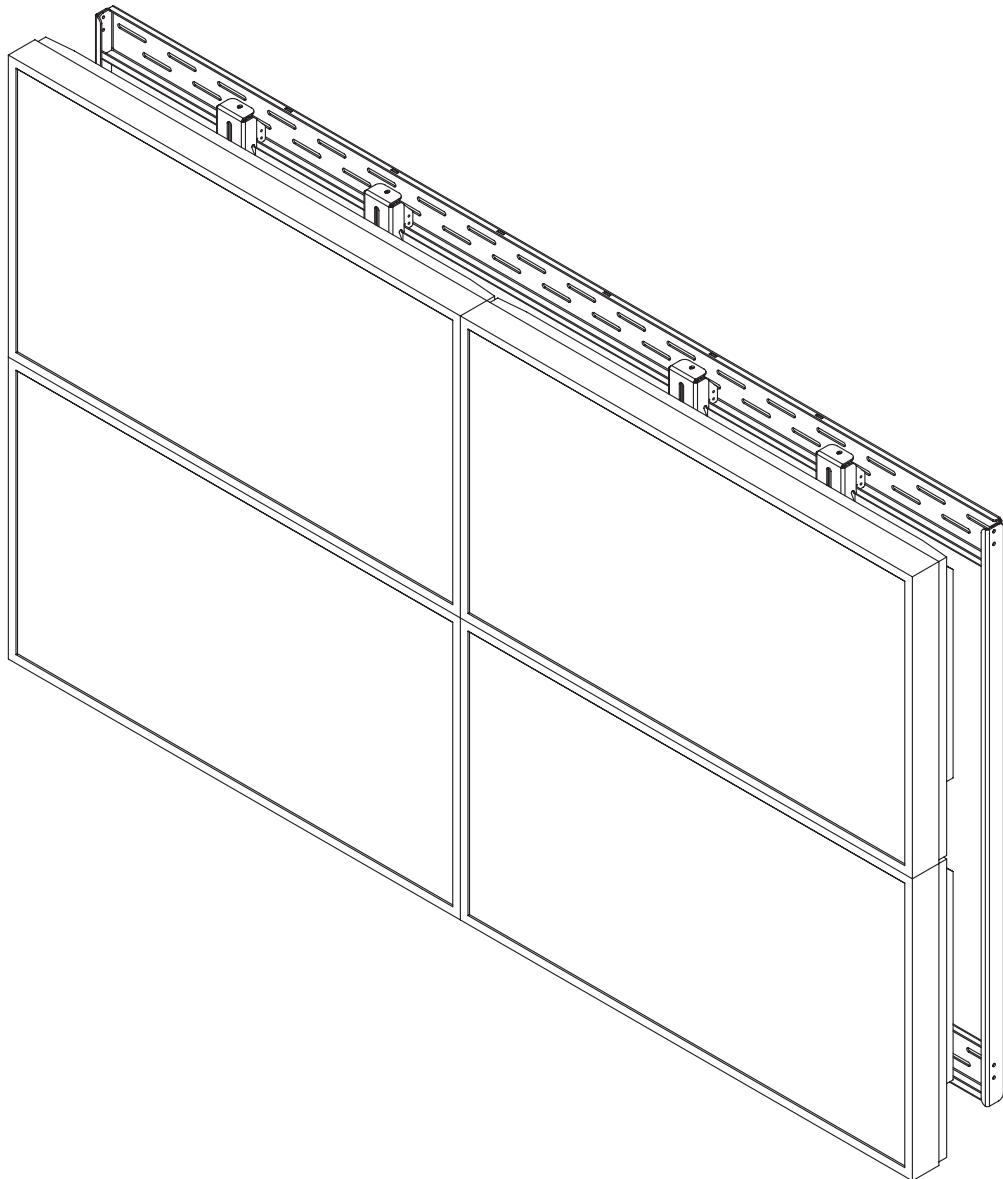


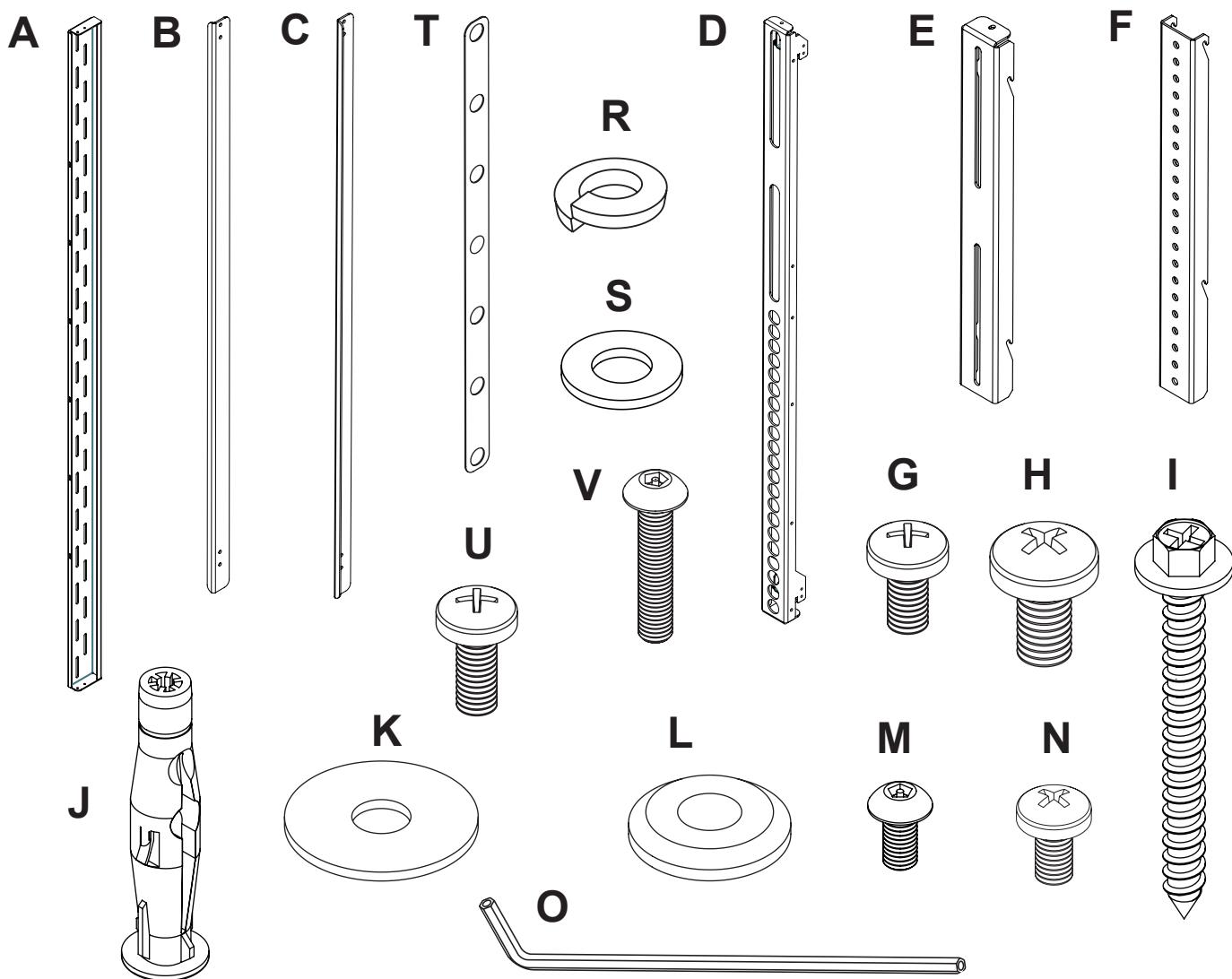
Installation and Assembly: 2 X 2 Wall Matrix

Model: DS-VW646-2X2, DS-VW660-2X2



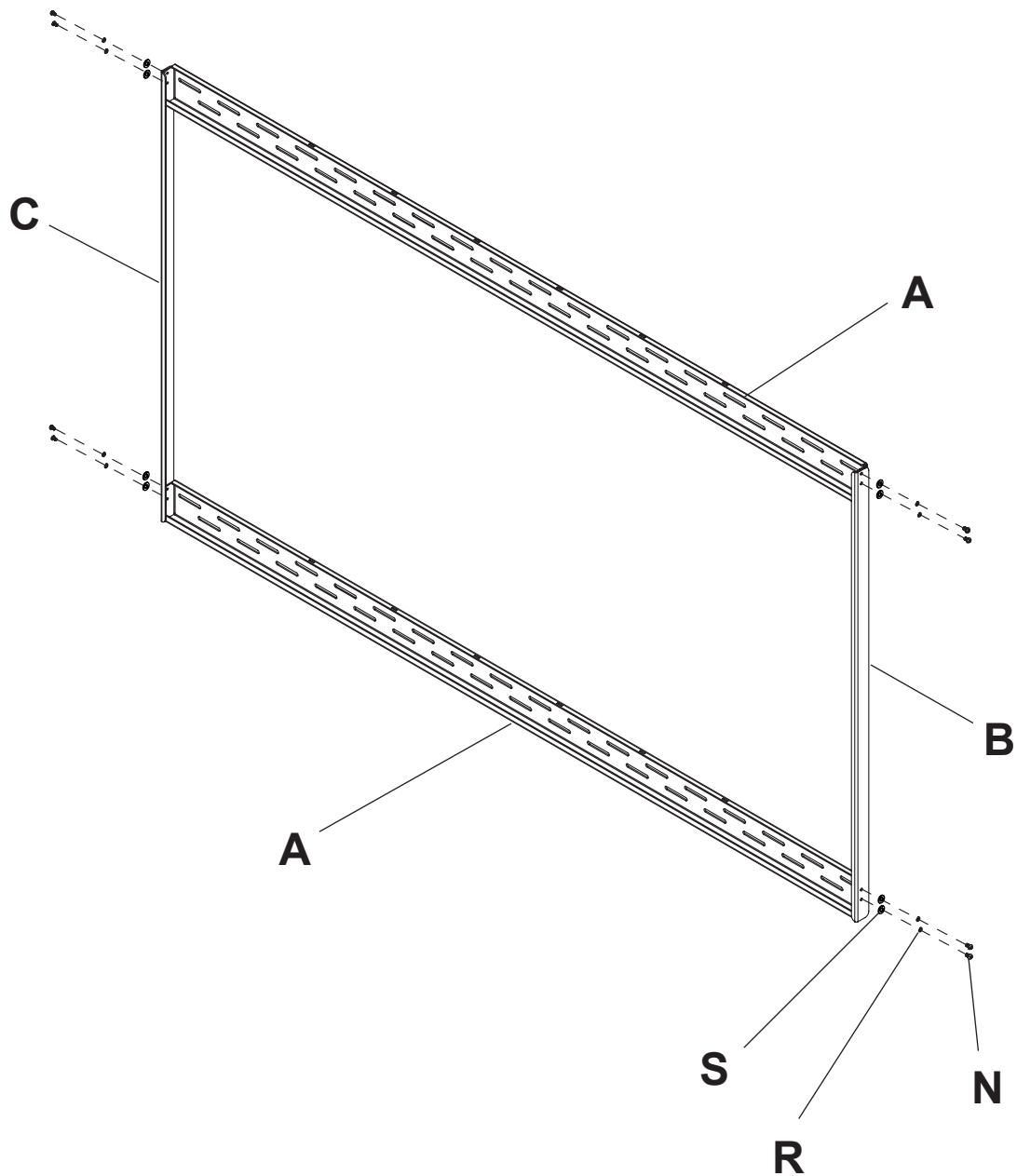
600 lb
(272 kg)

PARTS LIST		DS-VW646-2X2		DS-VW660-2X2	
Description	Qty.	Part #	Qty.	Part #	
A wall plate	2	145-1342	2	145-1428	
B left connection bracket	1	145-1345	1	145-1431	
C right connection bracket	1	145-1344	1	145-1430	
D hook on bracket	4	145-1356	4	145-1457	
E top adapter bracket	4	145-1347	4	145-1433	
F bottom adapter bracket	4	145-1348	4	145-1434	
G M6 x 12 mm phillips screw	16	520-1128	16	520-1128	
H M8 x 15 mm phillips screw	16	520-9257	16	520-9257	
I #14 x 2.5" hex head wood screw	8	5S1-015-C03	10	5S1-015-C03	
J concrete anchor	8	590-0320	10	590-0320	
K fender washer (not used)	16	540-1008	16	540-1008	
L nylon shoulder washer	16	590-2233	16	590-2233	
M M5 x 10 mm socket pin type-F screw	8	520-1164	8	520-1164	
N M5 x 12 mm phillips screw	40	520-1027	40	520-1027	
O 4 mm allen wrench	4	560-9646	4	560-9646	
P cable tie (not shown)	8	560-9711	8	560-9711	
Q mesh sleeve (not shown)	4	600-1014	4	600-1014	
R #10 lock washer	8	540-1035	8	540-1035	
S #10 flat washer	8	540-9400	8	540-9400	
T measure plate	1	145-1349	1	145-1349	
U M6 x 16 mm phillips screw	16	520-9274	16	520-9274	
V M5 x 25 mm socket pin screw		N/A	4	520-1122	



WALL PLATE ASSEMBLY

- 1 Attach two wall plates (**A**) together using left and right connection brackets (**B** and **C**) with eight M5 x 12 mm phillips screws (**N**), #10 flat washer (**S**), #10 lock washer (**R**) as shown below.



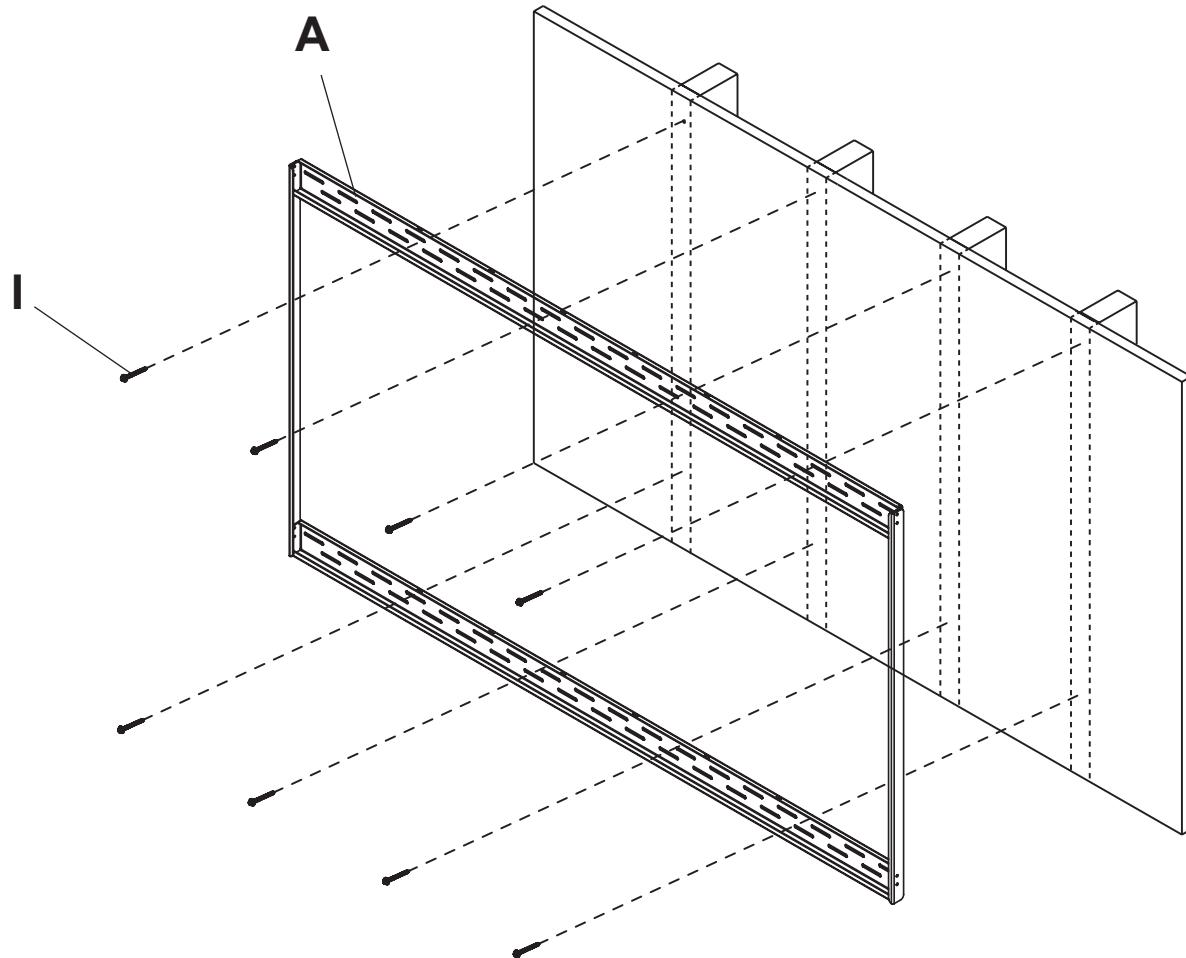
Installation to Wall Stud

⚠️WARNING

- Installer must verify that the supporting surface will safely support the combined load of the equipment and all attached hardware and components.
- Tighten wood screws so that wall plate is firmly attached, but do not overtighten. Overtightening can damage the screws, greatly reducing their holding power.
- Never tighten in excess of 80 in. • lb (9 N.M.).
- Make sure that mounting screws are anchored into the center of the stud. The use of an "edge to edge" stud finder is highly recommended.
- Hardware provided is for attachment of mount through standard thickness drywall or plaster into wood studs. Installers are responsible to provide hardware for other types of mounting situations.

2 Use a stud finder to locate the edges of the stud. Use of an edge-to-edge stud finder is highly recommended. Based on their edges, draw a vertical line down the stud center. Place wall plate assembly on wall as a template. Level plate, and mark the center of the eight mounting holes. Make sure that the mounting holes are on the stud center line. Drill eight 5/32" (4 mm) dia. holes 2-1/2" (65 mm) deep. Make sure that the wall plate assembly is level, secure it using eight #14 x 2.5" wood screws (I) as shown below.

NOTE: When installing DS-VW660-2x2 two additional #14 x 2.5" wood screws (I) are required.



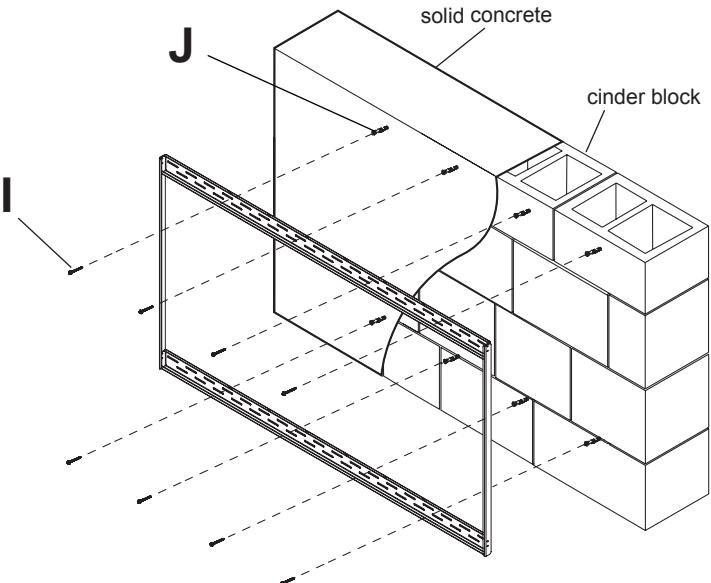
Installation to Solid Concrete or Cinder Block

⚠ WARNING

- When installing Peerless wall mounts on cinder block, verify that you have a minimum of 1-3/8" (35 mm) of actual concrete thickness in the hole to be used for the concrete anchors. Do not drill into mortar joints! Be sure to mount in a solid part of the block, generally 1" (25 mm) minimum from the side of the block. Cinder block must meet ASTM C-90 specifications. It is suggested that a standard electric drill on slow setting is used to drill the hole instead of a hammer drill to avoid breaking out the back of the hole when entering a void or cavity.
- Concrete must be 2000 psi density minimum. Lighter density concrete may not hold concrete anchor.
- Make sure that the wall will safely support four times the combined load of the equipment and all attached hardware and components.

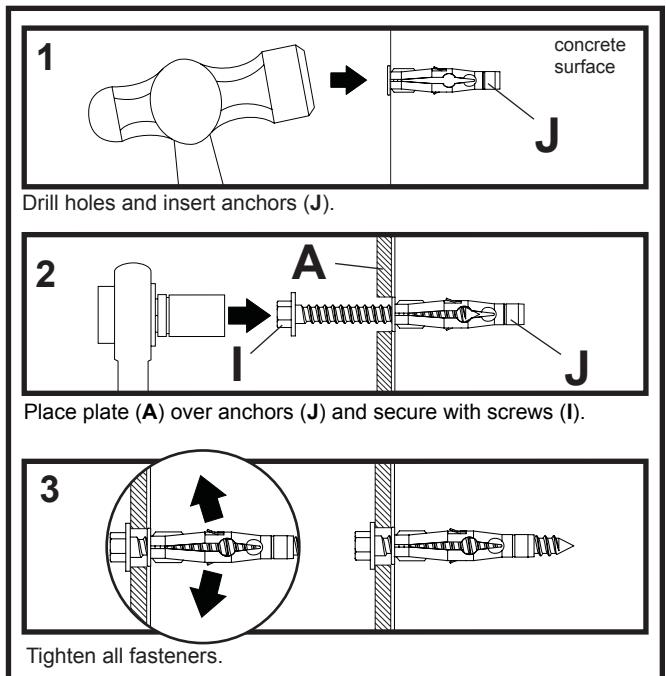
2 Make sure that wall plate assembly is level, use it as a template to mark four mounting holes. Drill eight 1/4" (6 mm) dia. holes to a minimum depth of 2.5" (64 mm). Insert anchors (J) in holes flush with wall as shown (right). Place wall plate assembly over anchors and secure with eight #14 x 2.5" screws (I). Level, then tighten all fasteners.

NOTE: When installing DS-VW660-2x2 two additional #14 x 2.5" wood screws (I) and anchors (J) are required.

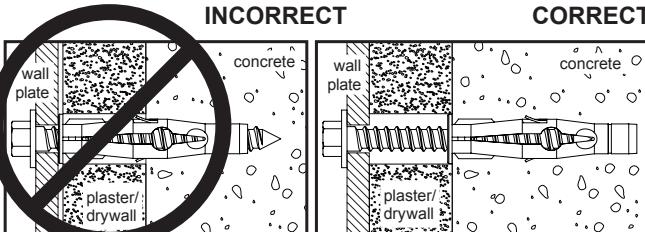


⚠ WARNING

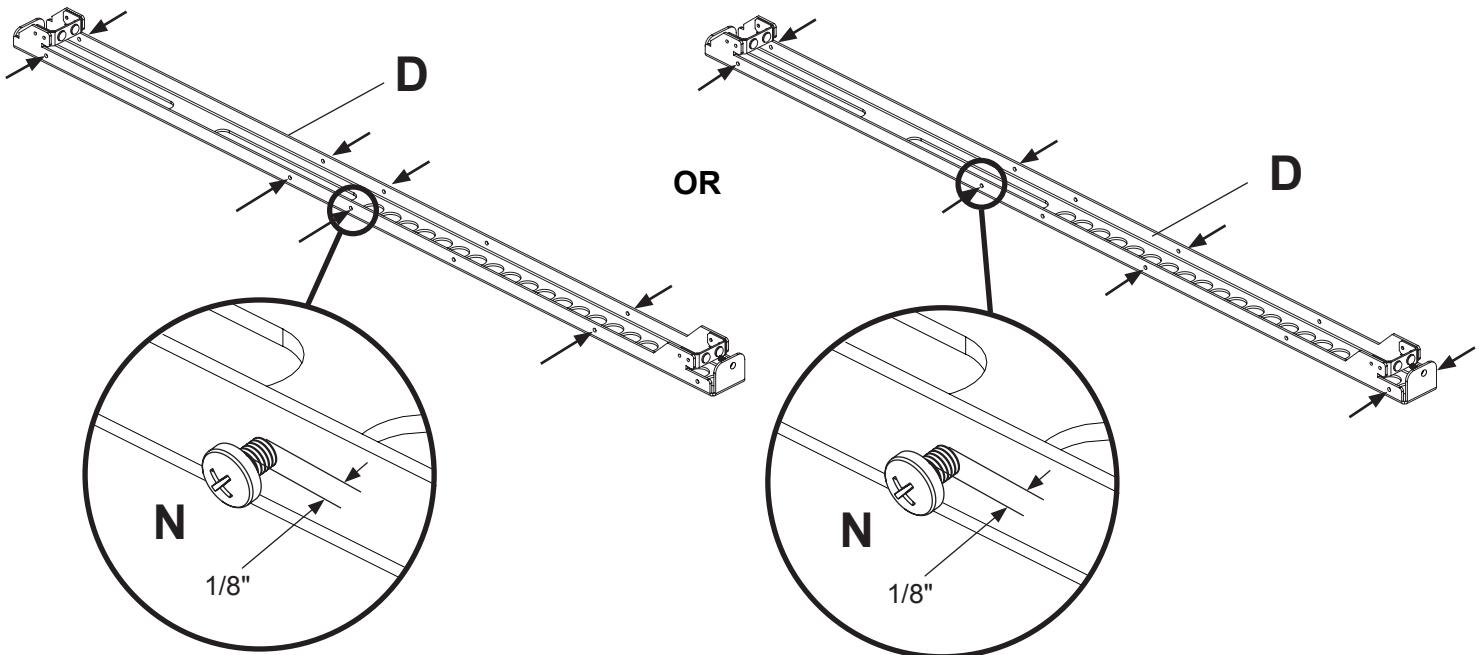
- Tighten screws so that wall plate is firmly attached, but do not overtighten. Overtightening can damage screws, greatly reducing their holding power.
- Never tighten in excess of 80 in. • lb (9 N.M.).
- Always attach concrete expansion anchors directly to load-bearing concrete.
- Never attach concrete expansion anchors to concrete covered with plaster, drywall, or other finishing material. If mounting to concrete surfaces covered with a finishing surface is unavoidable, the finishing surface must be counter bored as shown below. Be sure concrete anchors do not pull away from concrete when tightening screws. If plaster/drywall is thicker than 5/8" (16 mm), custom fasteners must be supplied by installer



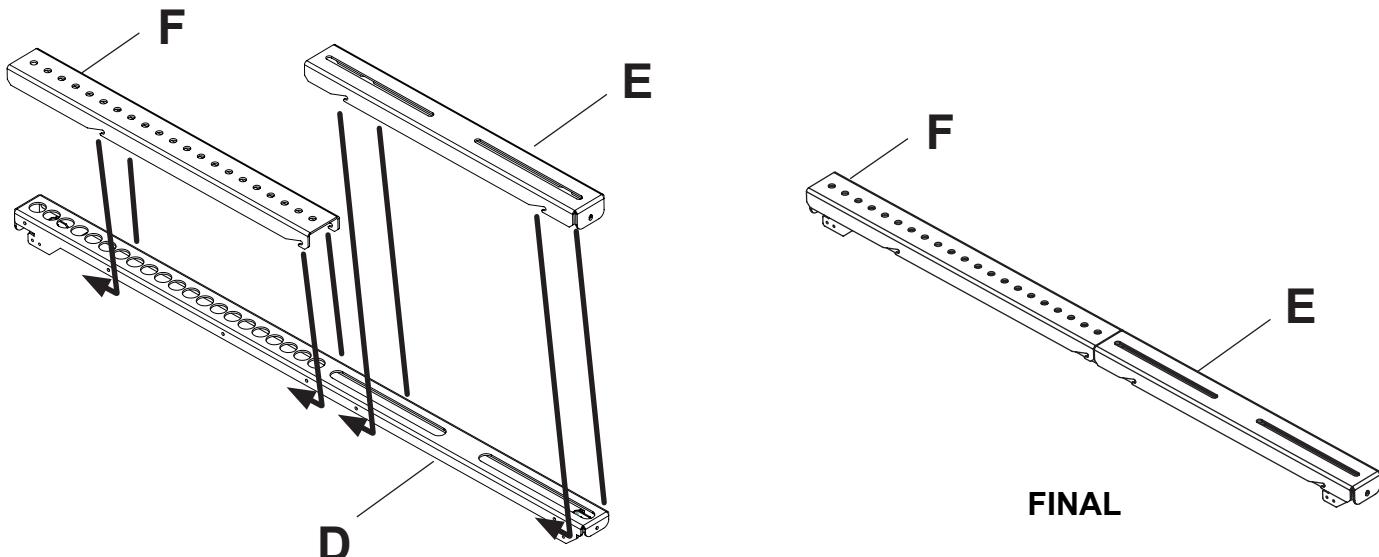
CUTAWAY VIEW



3 **NOTE:** Determine Display being used and select orientation below.
Fasten eight M5 x 12 mm phillips screws (**N**) into each hook on bracket (**D**) leaving 1/8" of exposed thread as shown below. Repeat step for all hook on brackets (**D**).

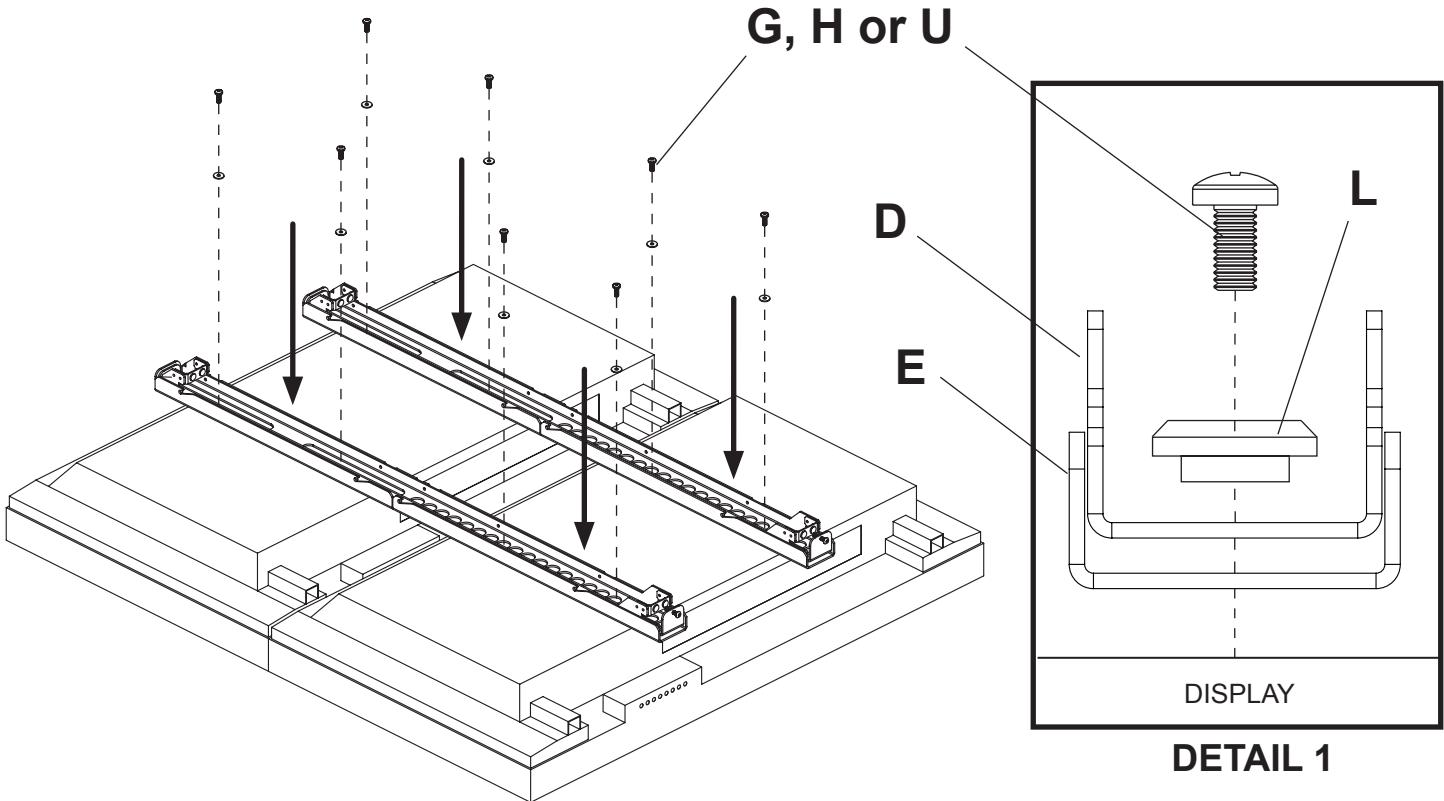


4 Hook one bottom adapter bracket (**F**) onto exposed threads on hook on bracket (**D**) as shown below.
Hook one top adapter bracket (**E**) onto exposed threads on hook on bracket (**D**) as shown below.
NOTE: Do not tighten screws on hook on bracket (**D**).

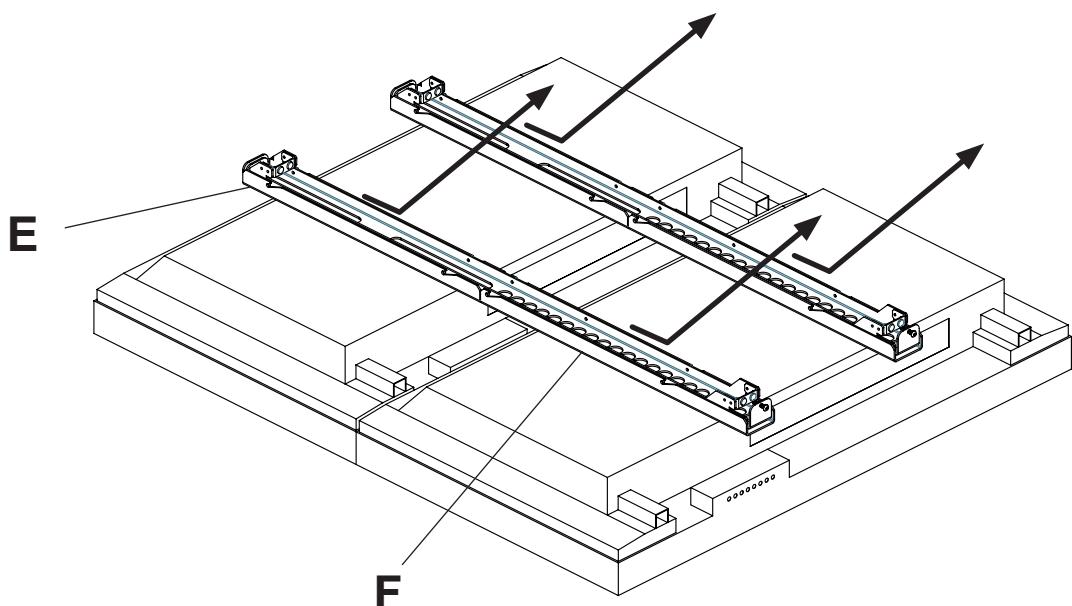


ATTACHING ADAPTER BRACKETS TO DISPLAYS

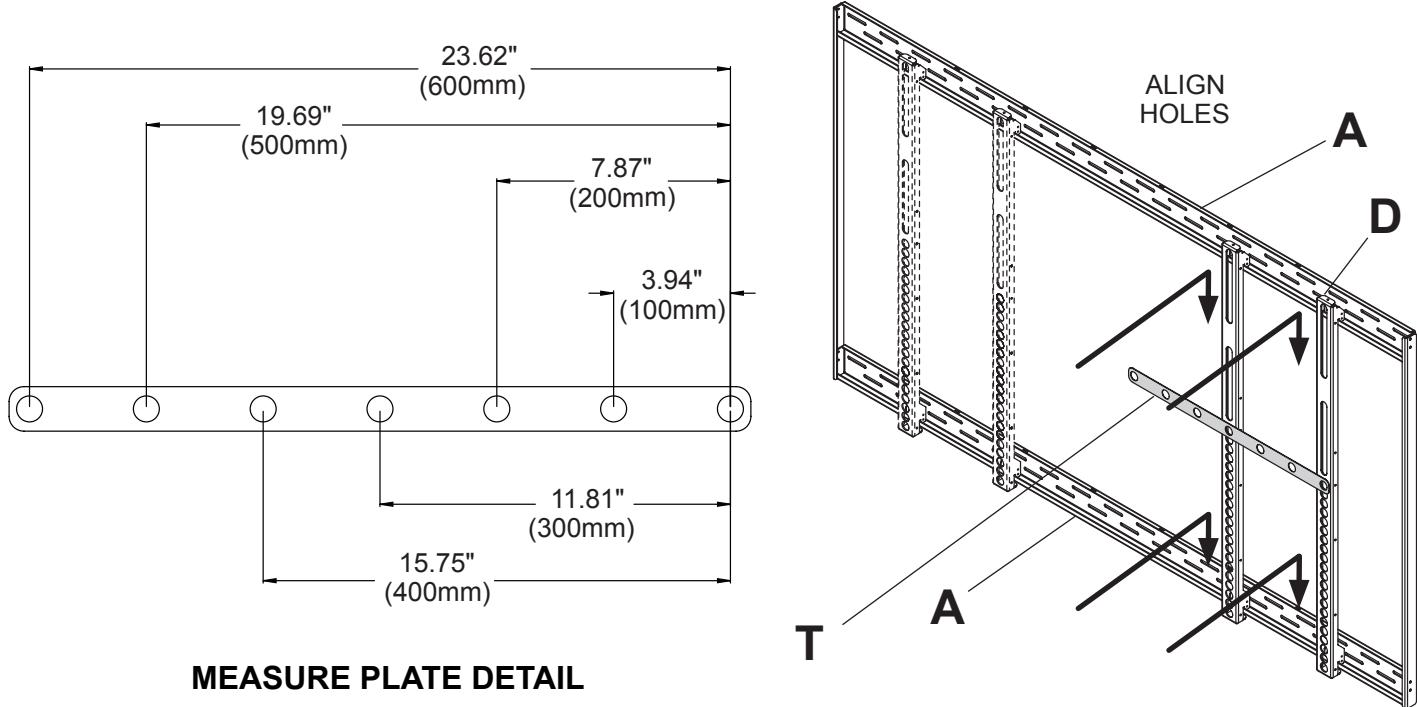
5 Attach top and bottom adapter brackets (**E** and **F**) to back of displays using eight M6 x 12 mm phillips screws (**G**) with nylon shoulder washer (**L**), or eight M8 x 15 mm phillips screws (**H**), or eight M6 x 16 mm phillips screws (**U**) as shown below.
NOTE: Make sure that nylon shoulder washer (**L**) is position as shown in detail 1.



6 Un-hook hook on bracket (**D**) from top and bottom adapter brackets (**E** and **F**) as shown below.

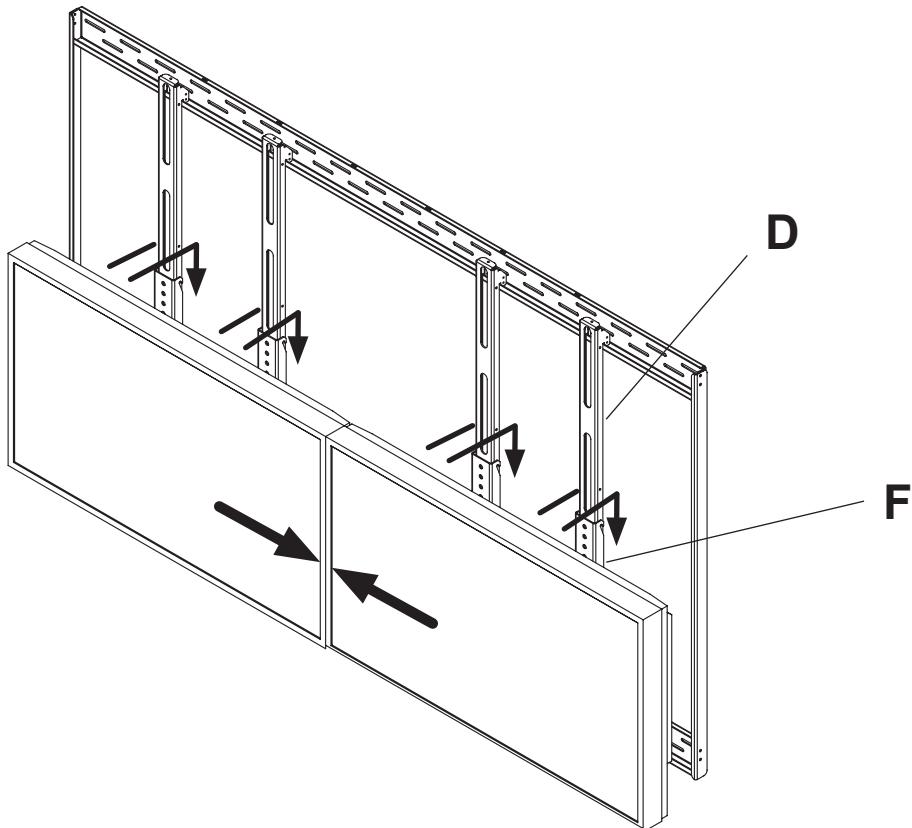


7 Attach two hook on brackets (D) onto wall plate (A) as shown. Determine screen VESA mounting pattern and use measure plate (T) to space hook on bracket as show below. Repeat step with remaining two hook on brackets (D).

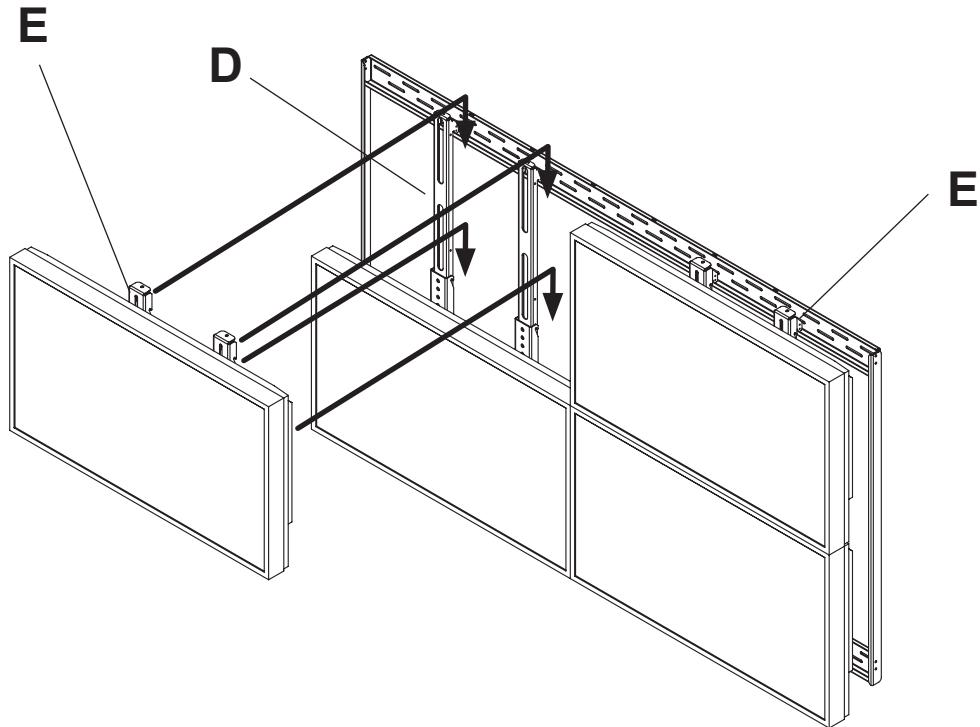


MEASURE PLATE DETAIL

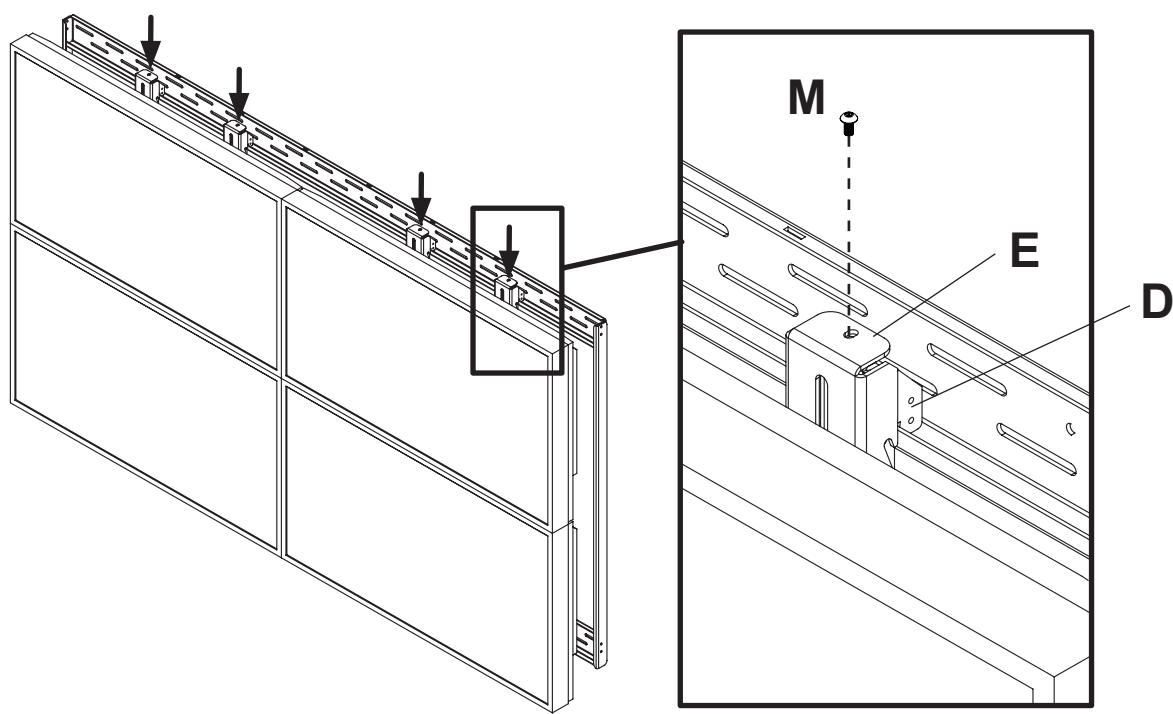
8 Hook bottom adapter brackets (F) onto exposed threads on hook on bracket (D) as shown below. Repeat step with second display. Slide displays together until they are flush with each other.



9 Hook one top adapter bracket (**E**) onto exposed threads on hook on bracket (**D**) as shown below. Repeat step with second display.



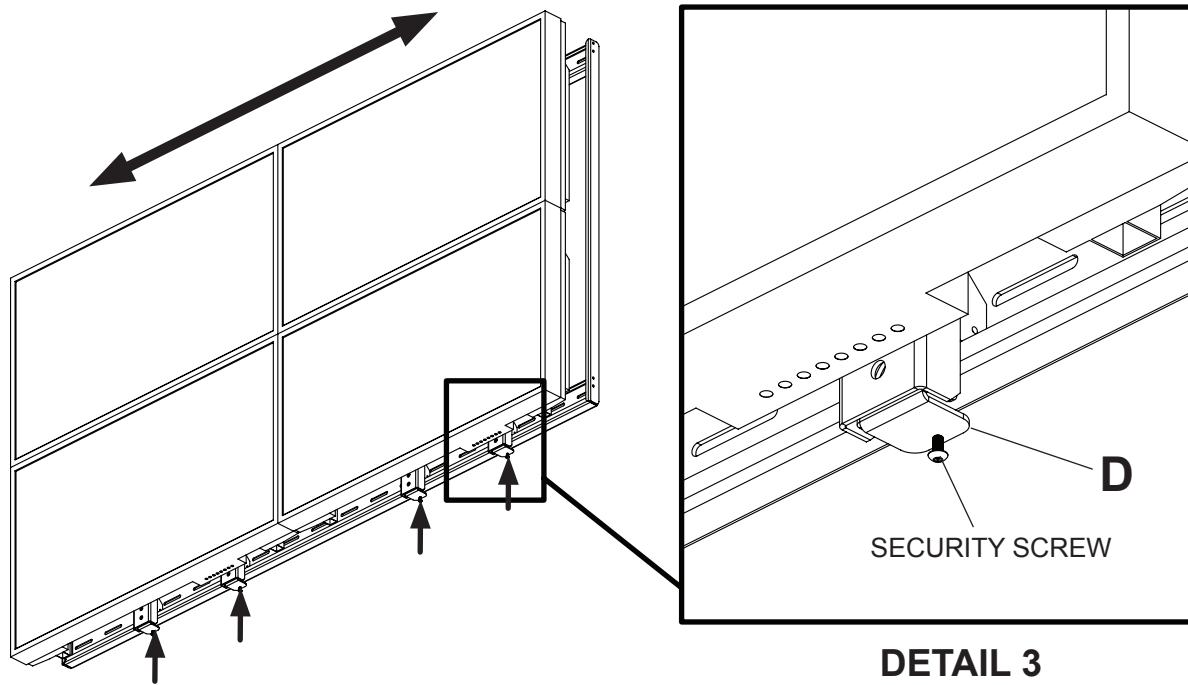
10 Secure top adapter brackets (**E**) to hook on brackets (**D**) using four M5 x 10 mm socket pin type-F screws (**M**) in positions as shown below.



DETAIL 2

DS-VW646-2X2

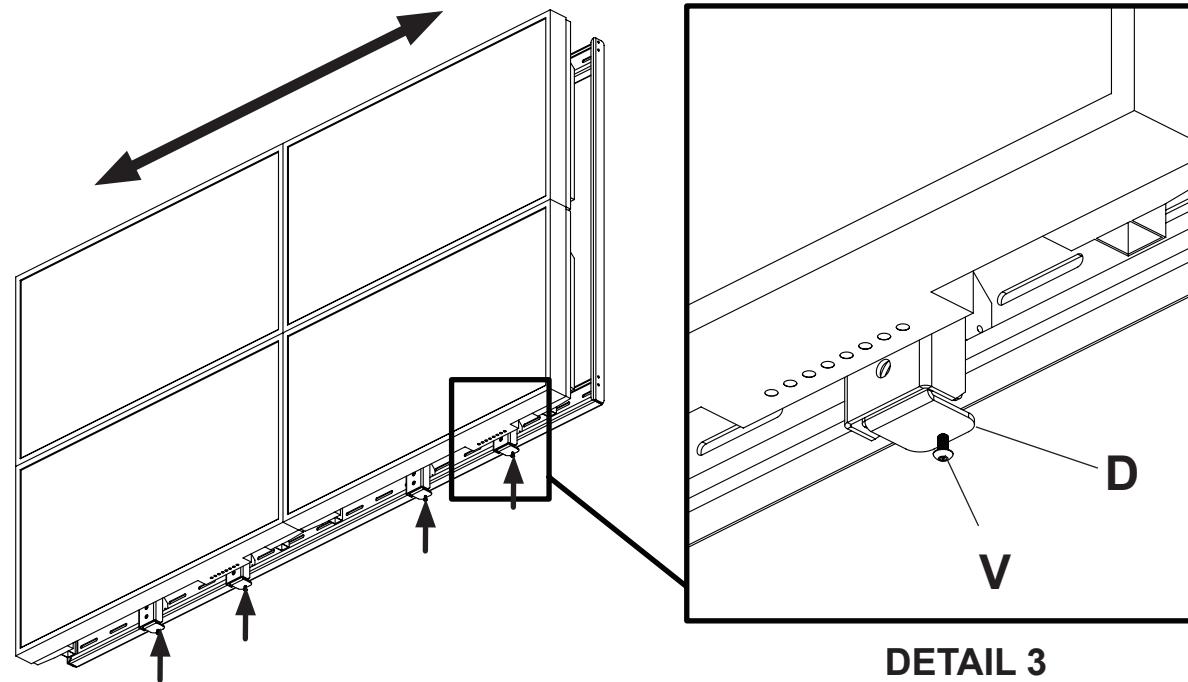
11 Once displays are in desired position, secure using four security screws located on bottom of hook on brackets (**D**) as shown in detail 3.



DETAIL 3

DS-VW660-2X2

11 Fasten four M5 x 25 mm socket pin screw (**V**) into bottom of hook on brackets (**D**) as shown in detail 4.



DETAIL 3