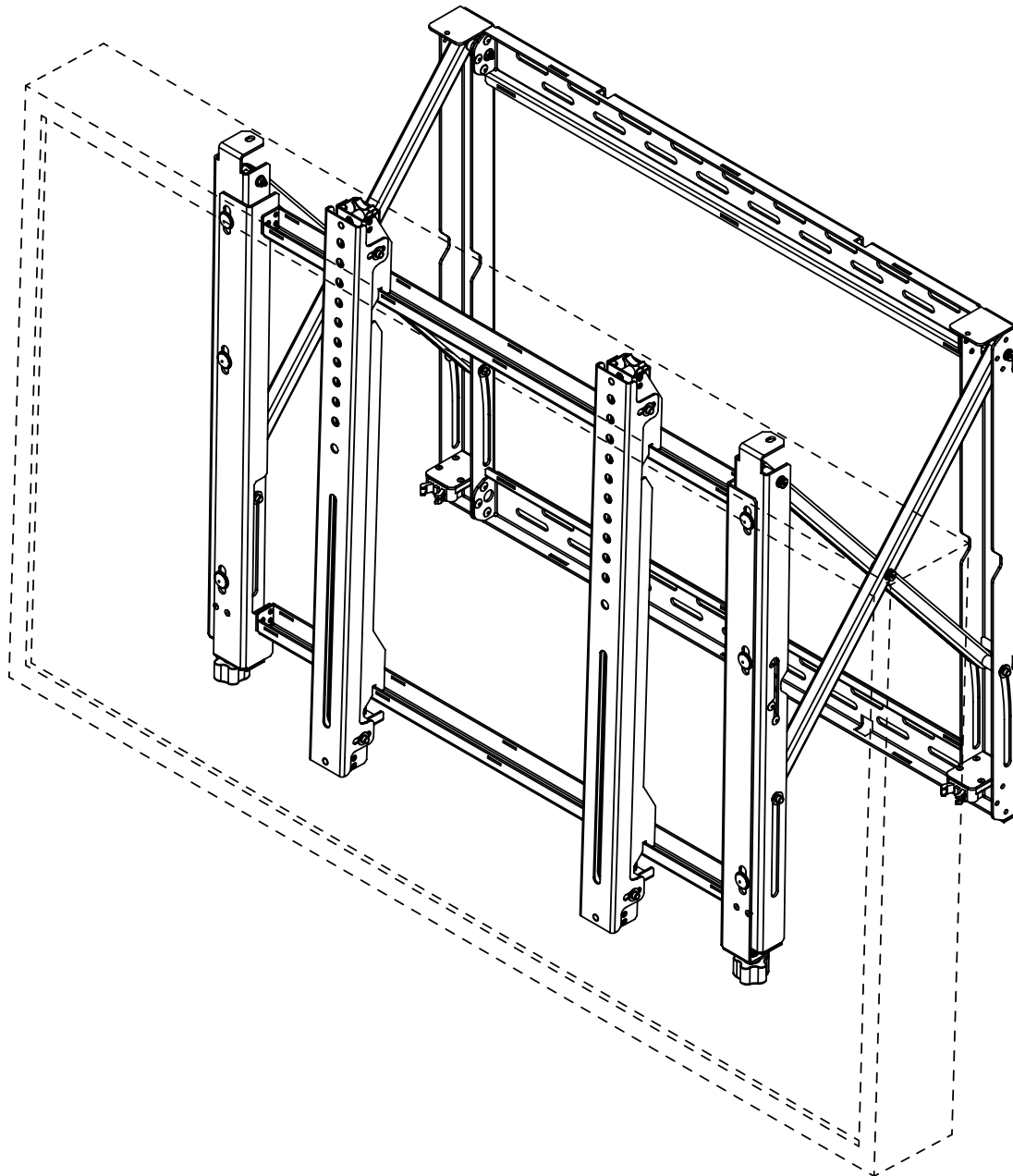




Installation and Assembly: Full Service Video Wall Mount

Model: DS-VW795-QR



Max UL Load Capacity:
225 lb (102 kg)

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.
- Make sure that the supporting surface will safely support the combined load of the equipment and all attached hardware and components.
- Never exceed the Maximum Load Capacity. See page one.
- If mounting to wood wall studs, make sure that mounting screws are anchored into the center of the studs. Use of an "edge to edge" stud finder is highly recommended.
- 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.
- This product was designed to be installed on the following wall construction only;

WALL CONSTRUCTION

- Wood Stud
- Wood Beam
- Solid Concrete
- Cinder Block

HARDWARE REQUIRED

- Included
- Included
- Included
- Included

Tools Needed for Assembly

- stud finder ("edge to edge" stud finder is recommended)
- phillips screwdriver
- drill
- 5/16" (8 mm) bit for concrete and cinder block wall
- 5/32" (4 mm) bit for wood stud wall
- level

Accessories

- DS-VWS0## Wall Plate Spacer Kit

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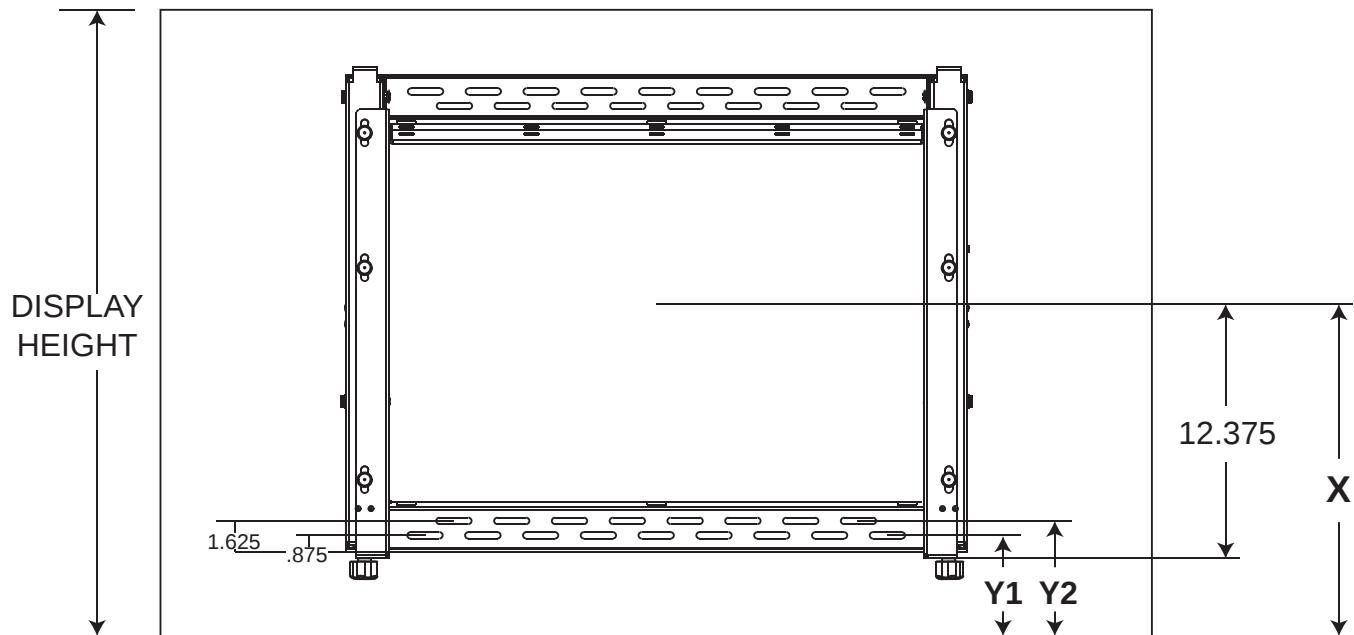
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Vertical Video Wall Spacing Location

If DS-VWS0## Wall Plate Spacer Kit is not available use diagram below to determine vertical spacing.

To determine lower mounting slot position of second mount, use vertical spacing formula.

Note: This formula is based on the VESA pattern being centered on the back of the display.



Vertical Spacing Formula

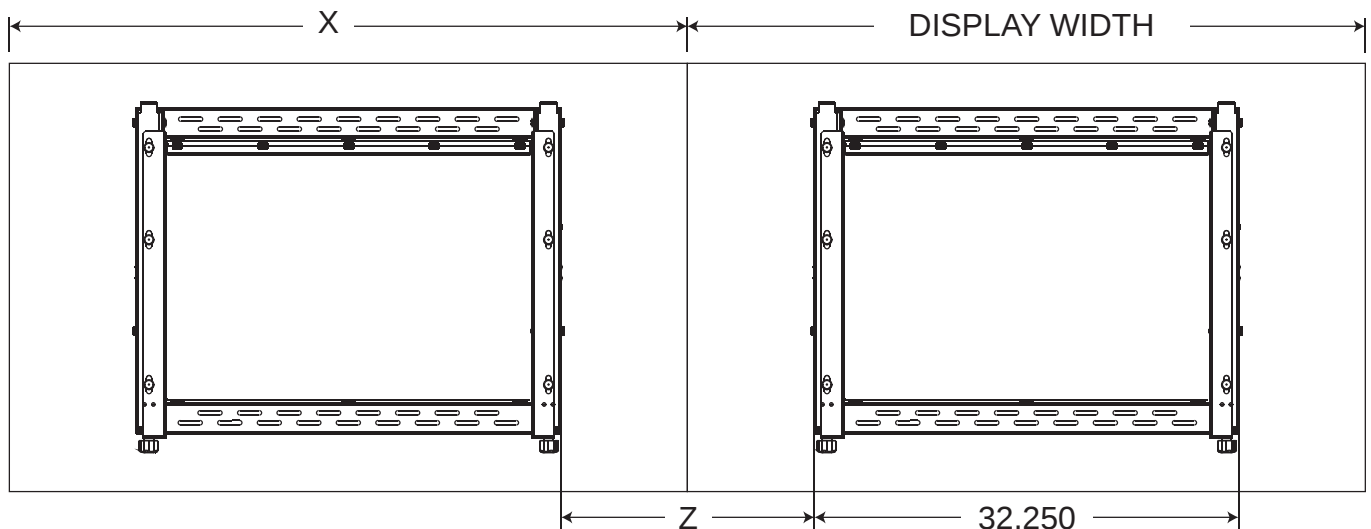
$$X - 12.375 + 1.625 = Y1,$$

$$X - 12.375 + .875 = Y2$$

Horizontal Video Wall Spacing Location

If DS-VWS0## Wall Plate Spacer Kit is not available use diagram below to determine horizontal spacing.

To determine edge of second mount, use horizontal spacing formula.

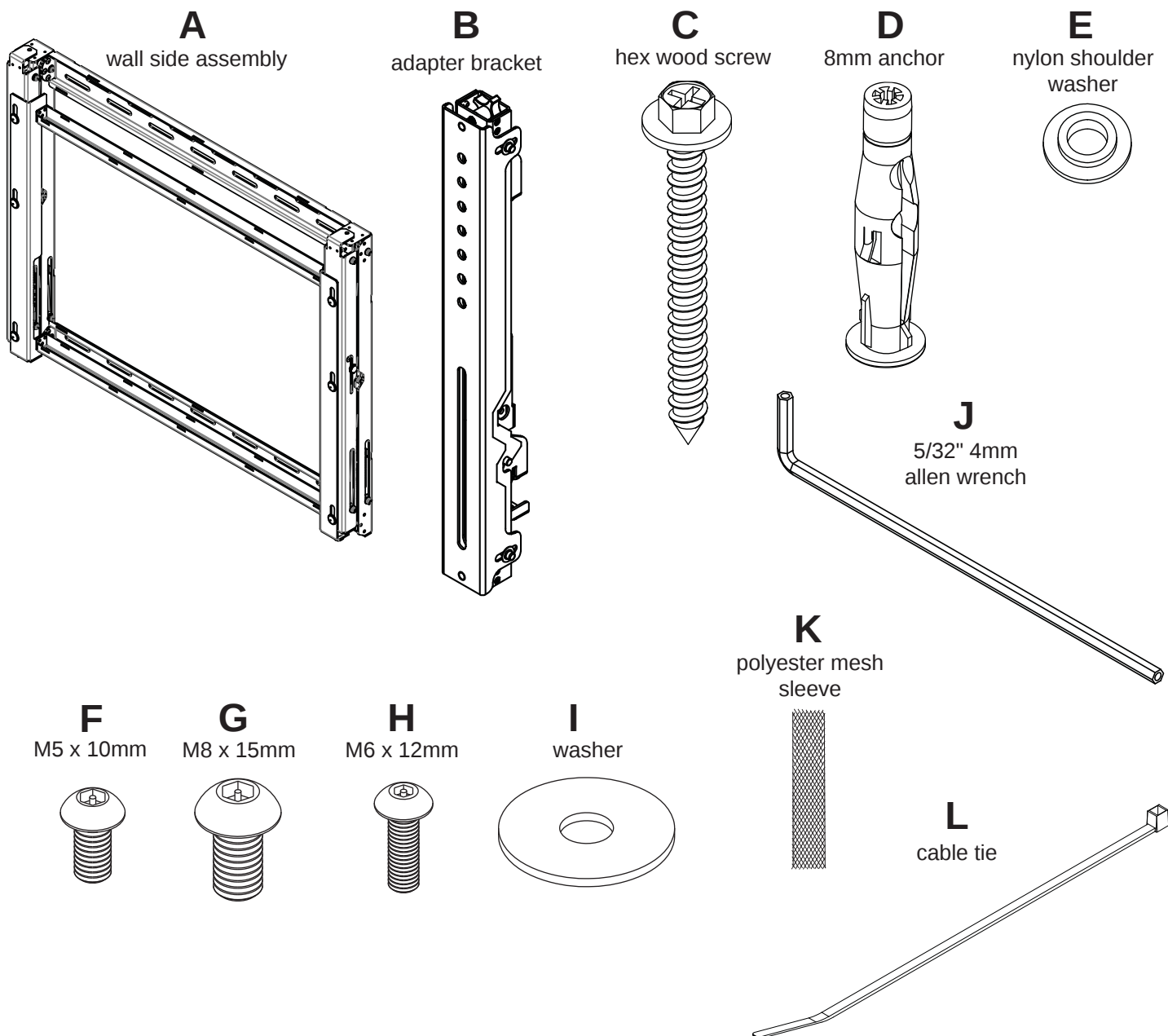


Horizontal Spacing Formula

$$X - 32.250 = Z$$

Parts List

	Part Description	Quantity	Part Number
A	wall side assembly	1	145-T1940
B	adapter bracket	2	145-T1938
C	hex wood screw	4	5S1-015-C03
D	8mm anchor	4	590-0320
E	nylon shoulder washer	4	590-2233
F	M5 x 10mm socket pin type-F screw	2	520-1164
G	M8 x 15mm socket pin screw	4	520-1068
H	M6 x 12mm socket pin screw	4	520-1050
I	washer	4	540-1063
J	5/32" (4mm) allen wrench	1	560-9646
K	polyester mesh sleeve	1	600-1014
L	cable tie	2	560-9711

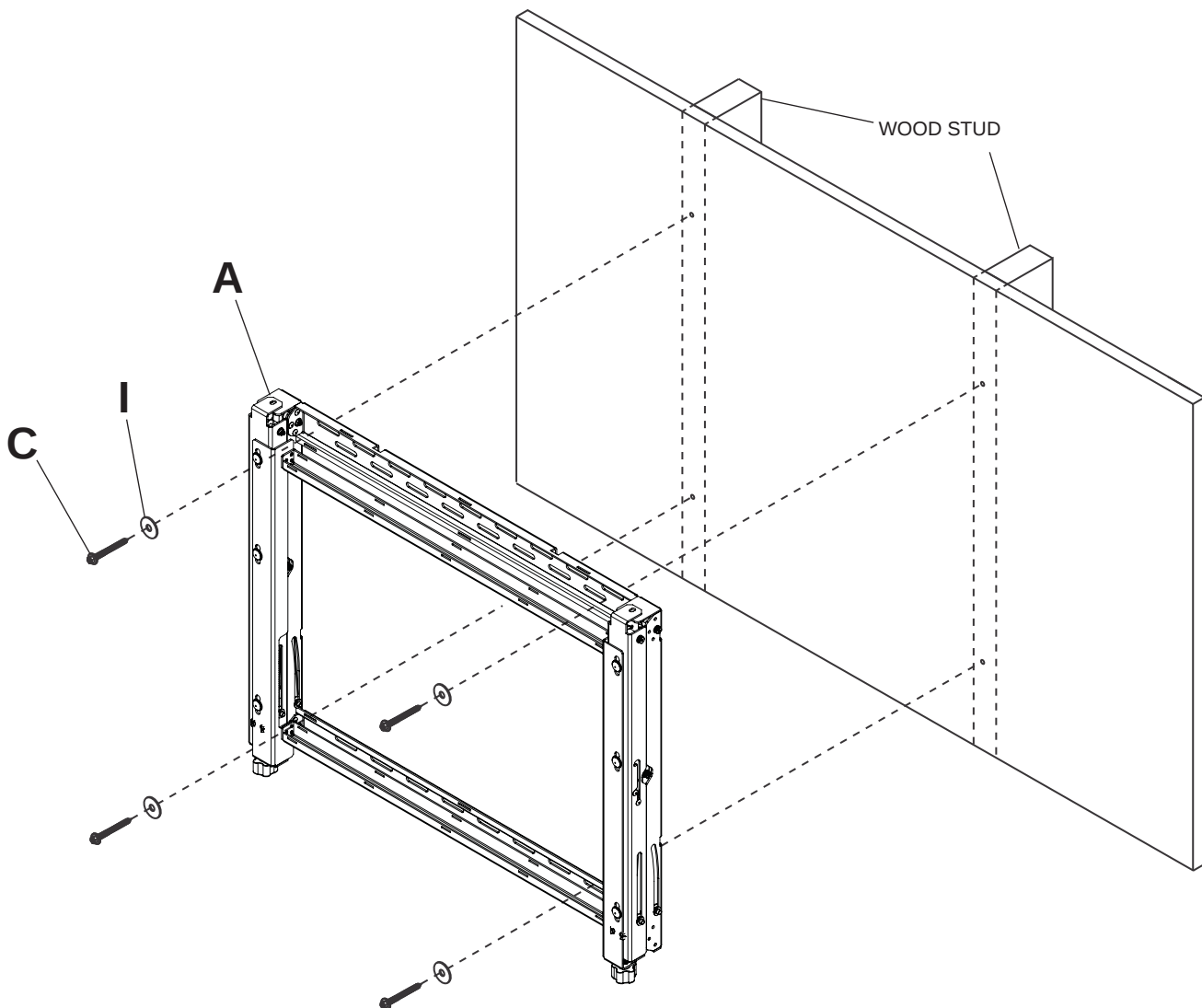


Installation to Wood Stud Wall

⚠ 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.
- When installing Peerless wall mounts on a wood stud wall covered with gypsum board (drywall), verify that the wood studs are a minimum of 2" x 4" nominal size. When installing to more than one stud, insure the spacing between studs is at least 16" but does not exceed 24". Do not install over gypsum board thicker than 5/8".

- 1** 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 pull-out mount assembly (**A**) on wall as a template. Level plate, and mark the center of the four mounting holes. Make sure that the mounting holes are on the stud center line. Drill four 5/32" (4 mm) dia. holes 2-1/2" (65 mm) deep. Make sure that the pull-out mount assembly (**A**) is level, secure it using four #14 x 2.5" wood screws (**C**) and fender washers (**I**) as shown below.

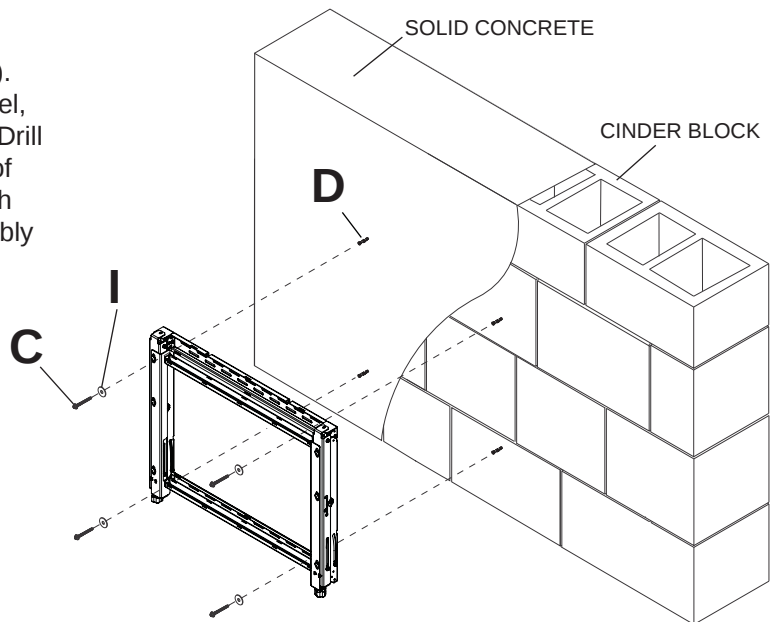


Installation to Solid Concrete or Cinder Block Wall

⚠ WARNING

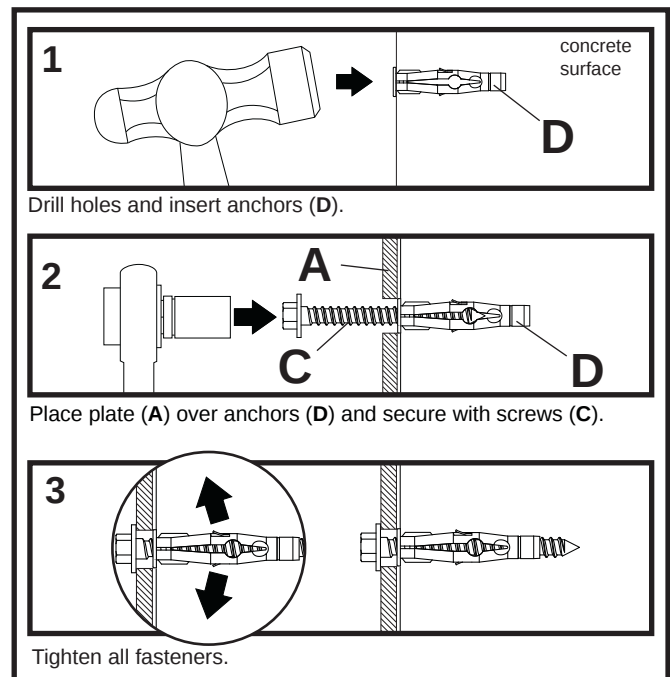
- When installing Peerless wall mounts on a concrete wall, the wall must be at least 8" thick with a minimum compressive strength of 2000 psi.
- When installing Peerless wall mounts on a cinder block wall, the cinder blocks must meet ASTM C-90 specifications and have a minimum nominal width of 8". Do 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. 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.
- Make sure that the wall will safely support four times the combined load of the equipment and all attached hardware and components.

- 1** **NOTE:** Make sure that there is a minimum of 16" horizontal distance between #14 x 2.5" screws (C). Make sure that pull-out mount assembly (A) is level, use it as a template to mark four mounting holes. Drill four 5/16" (8 mm) dia. holes to a minimum depth of 2.5" (64 mm). Insert anchors (D) in holes flush with wall as shown (right). Place pull-out mount assembly (A) over anchors and secure with four #14 x 2.5" screws (C), and fender washers (I). Level, then tighten all fasteners.



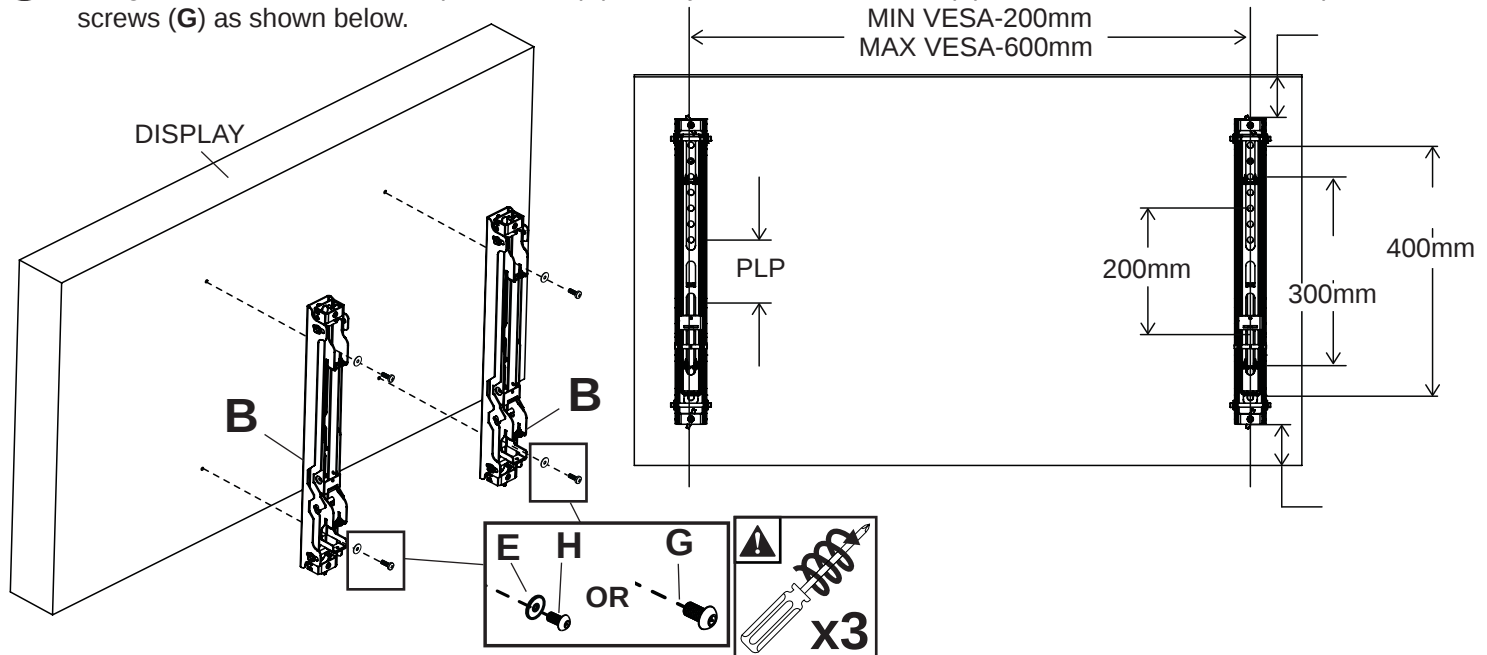
⚠ WARNING

- 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.



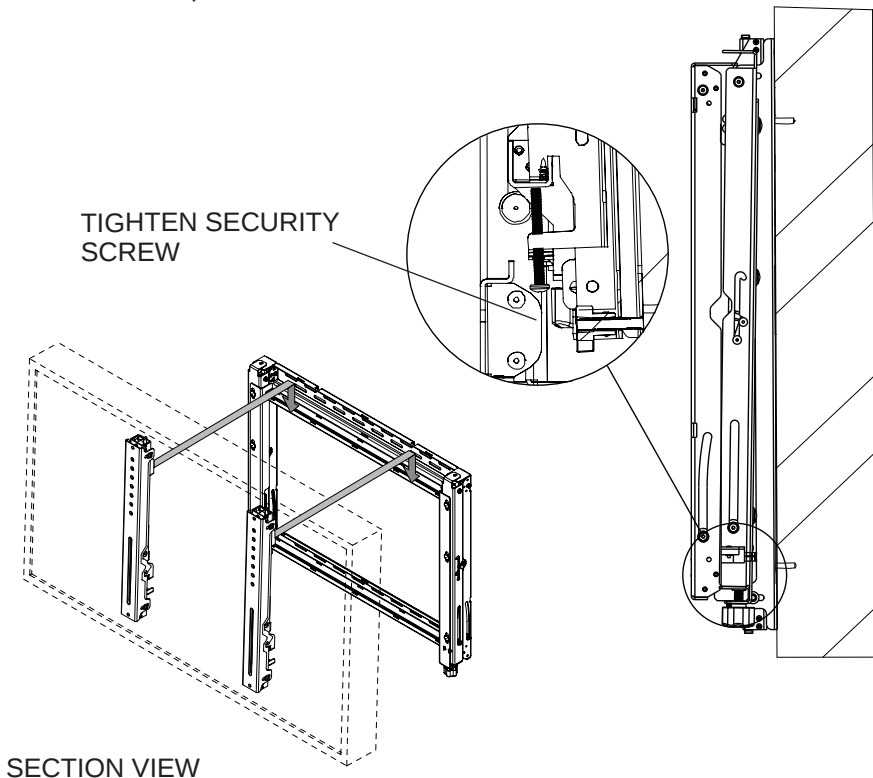
Attaching Adapter Brackets to Display

- 2** **NOTE:** Make sure to use largest hole pattern on back of display. Attach adapter brackets (**B**) to back of display using four M6 x 12 mm socket pin screws (**H**) with nylon shoulder washer (**E**), or four M8 x 15 mm socket pin screws (**G**) as shown below.



Attaching Display with Adapter Brackets to Pull-Out Mount Assembly

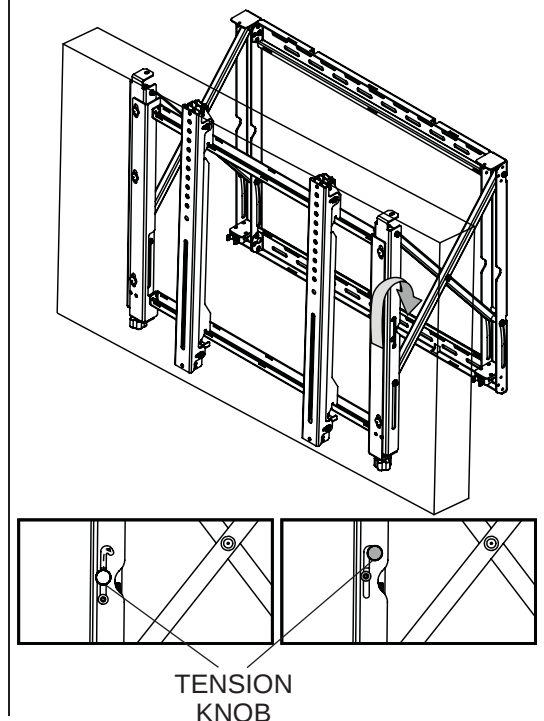
- 3** Attach adapter brackets (**B**) to pull-out mount assembly. Slide adapter brackets (**B**) into position. Loosely fasten in place using security screw as shown.
NOTE: Once display is located in desired position ($\pm 2"$ from center), tighten security screws using 4mm allen wrench (**K**) to lock in place.



Optional: Extension Force Adjustment

Heavier displays may need additional force for mount to extend. Extend the mount then loosen tension knobs. Reposition knobs in slots. Tighten knobs to secure in place.

Note: Do not remove tension knobs.



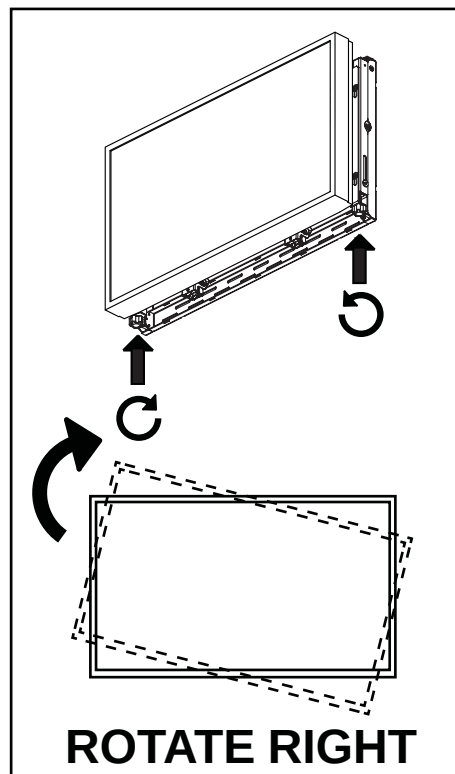
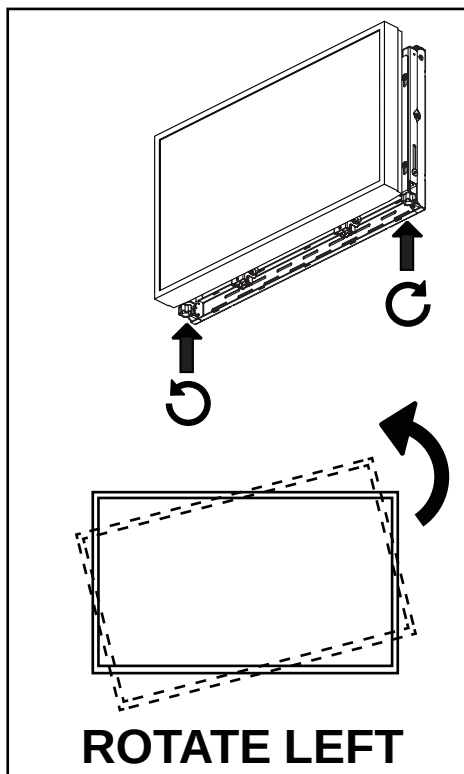
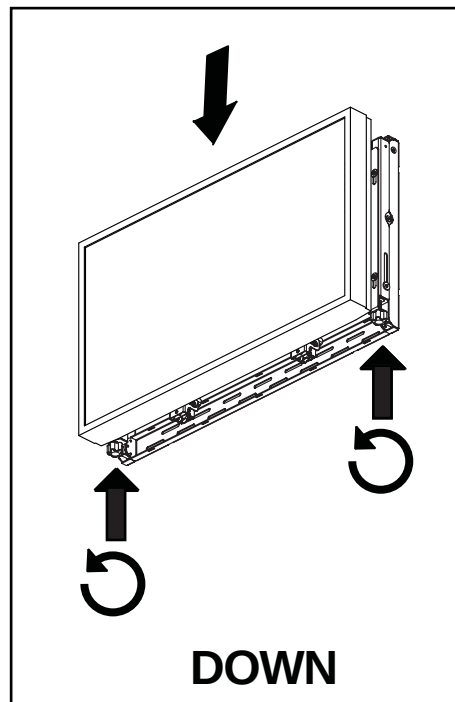
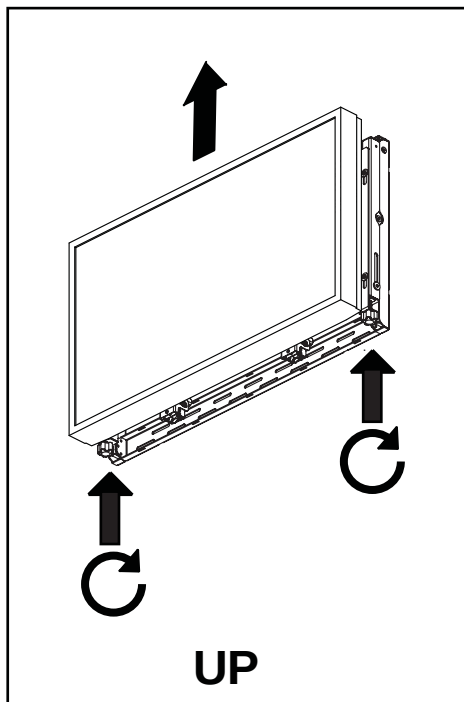
Display Adjustment

4 Use legend below to determine position of display.

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

 Turn knob **CLOCKWISE** to raise side

 Turn knob **COUNTER-CLOCKWISE** to lower side



Display Adjustment

5 Use legend below to determine position of display.

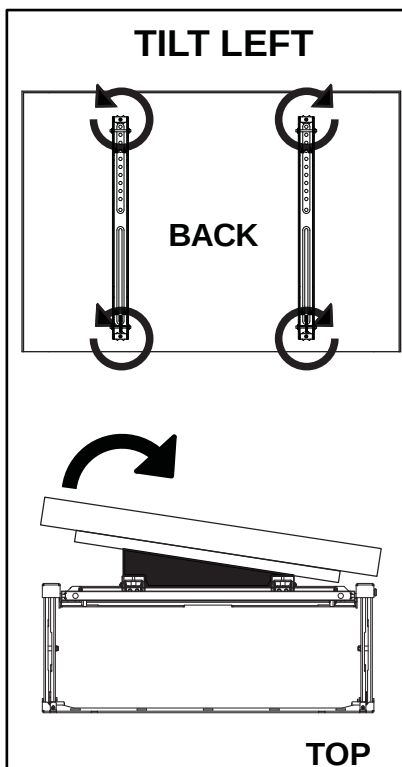
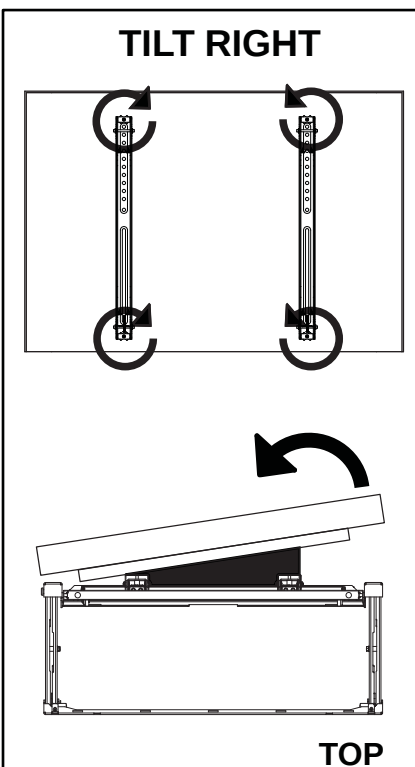
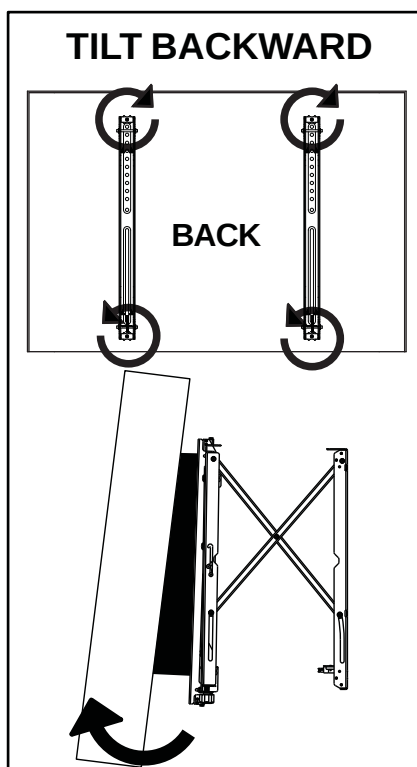
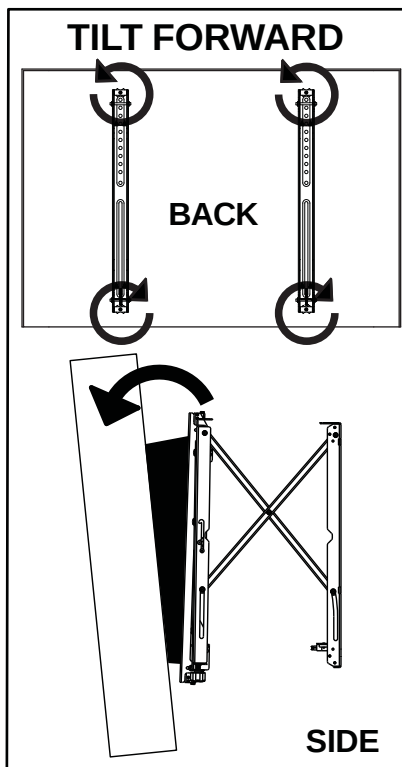
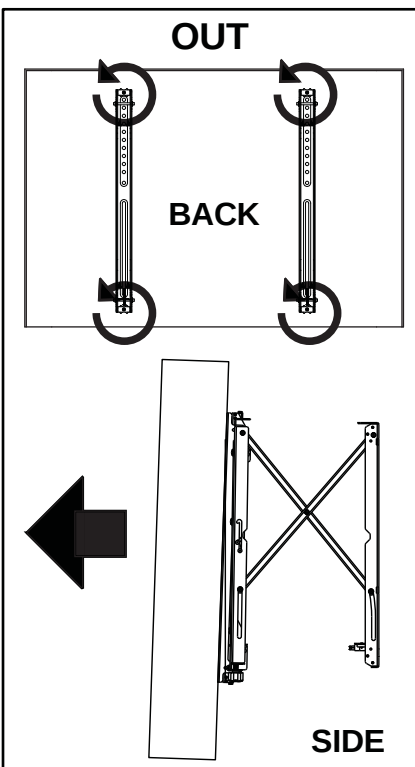
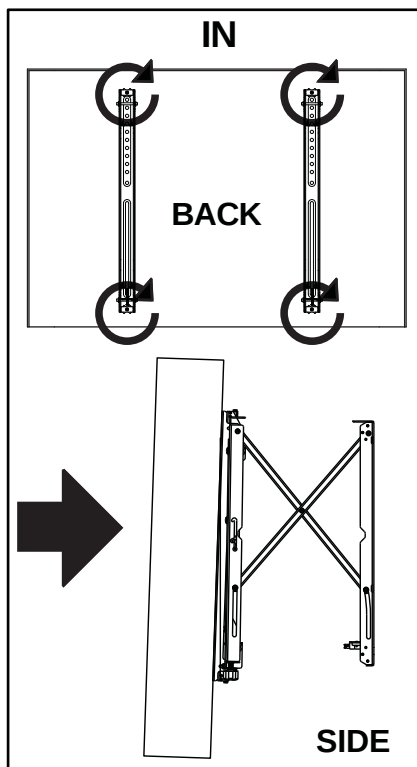
NOTE: Each knob can be adjusted independently for fine tuning adjustments.



Turn knob **CLOCKWISE** to move corner toward the wall



Turn knob **COUNTER-CLOCKWISE** to move corner away from the wall

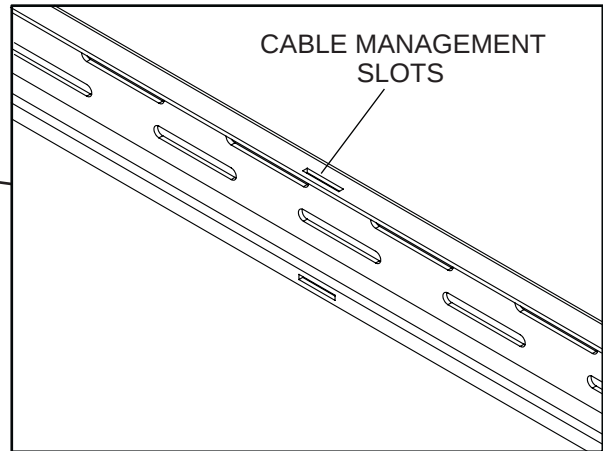
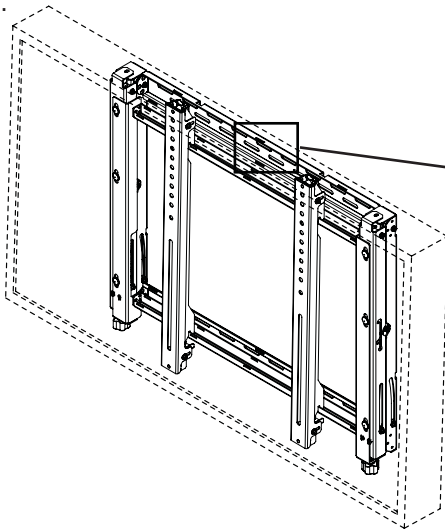


Cable Management

6 Display cables can be routed through top or bottom of pull-out mount assembly (A).

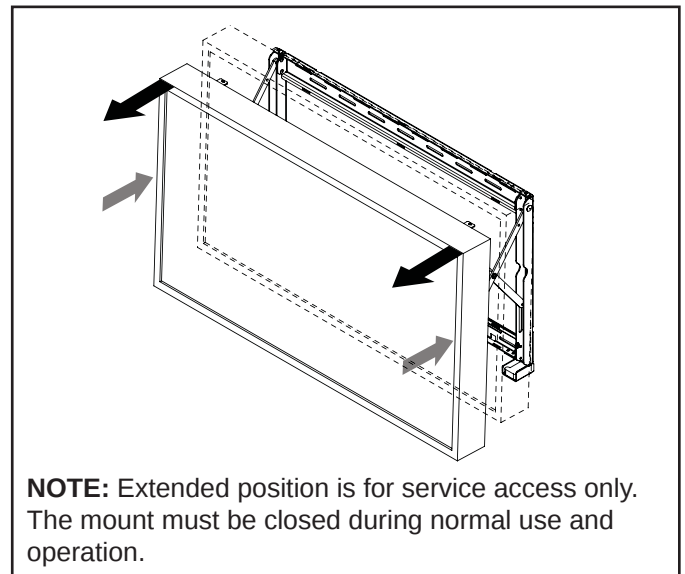
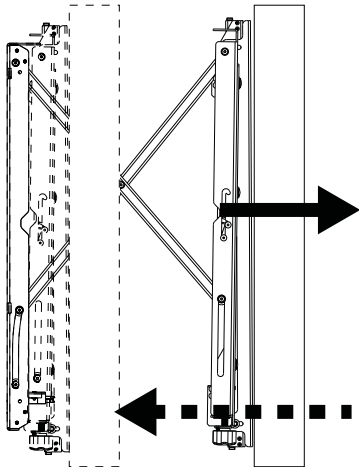
NOTE: Use mesh sleeve (K) and cable ties (L) for cable management.

NOTE: Cable ties and cable management slots on pull-out mount assembly (A) can be used to secure display cables.



Open or Close Pull-Out Mount Assembly

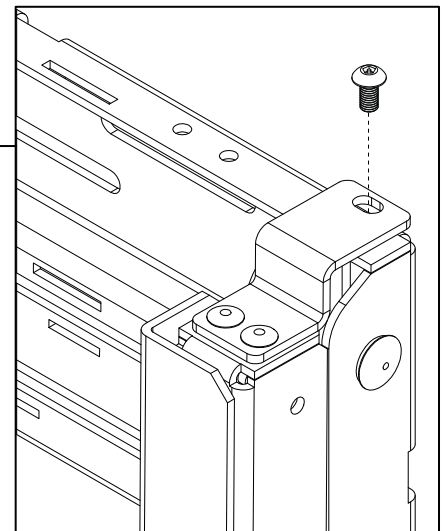
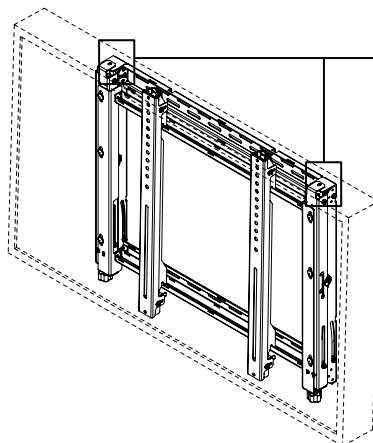
7a Gently press on the sides of the display to engage the release mechanism to open and close the pull-out mount assembly (A).



NOTE: Extended position is for service access only. The mount must be closed during normal use and operation.

Pull-Out Mount Assembly (Optional) Security

7b To prevent locking tabs from releasing, secure using two M5 x 16mm socket pin screws.



LIMITED FIVE-YEAR WARRANTY

Peerless Industries, Inc. ("Peerless") warrants to original end-users of Peerless® products will be free from defects in material and workmanship, under normal use, for a period of five years from the date of purchase by the original end-user (but in no case longer than six years after the date of the product's manufacture). At its option, Peerless will repair or replace, or refund the purchase price of, any product which fails to conform with this warranty.

In no event shall the duration of any implied warranty of merchantability or fitness for a particular purpose be longer than the period of the applicable express warranty set forth above. Some states do not allow limitations on how long a implied warranty lasts, so the above limitation may not apply to you.

This warranty does not cover damage caused by (a) service or repairs by the customer or a person who is not authorized for such service or repairs by Peerless, (b) the failure to utilize proper packing when returning the product, (c) incorrect installation or the failure to follow Peerless' instructions or warnings when installing, using or storing the product, or (d) misuse or accident, in transit or otherwise, including in cases of third party actions and force majeure.

In no event shall Peerless be liable for incidental or consequential damages or damages arising from the theft of any product, whether or not secured by a security device which may be included with the Peerless® product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty is in lieu of all other warranties, expressed or implied, and is the sole remedy with respect to product defects. No dealer, distributor, installer or other person is authorized to modify or extend this Limited Warranty or impose any obligation on Peerless in connection with the sale of any Peerless® product.

This warranty gives specific legal rights, and you may also have other rights which vary from state to state.

Patent Pending



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