

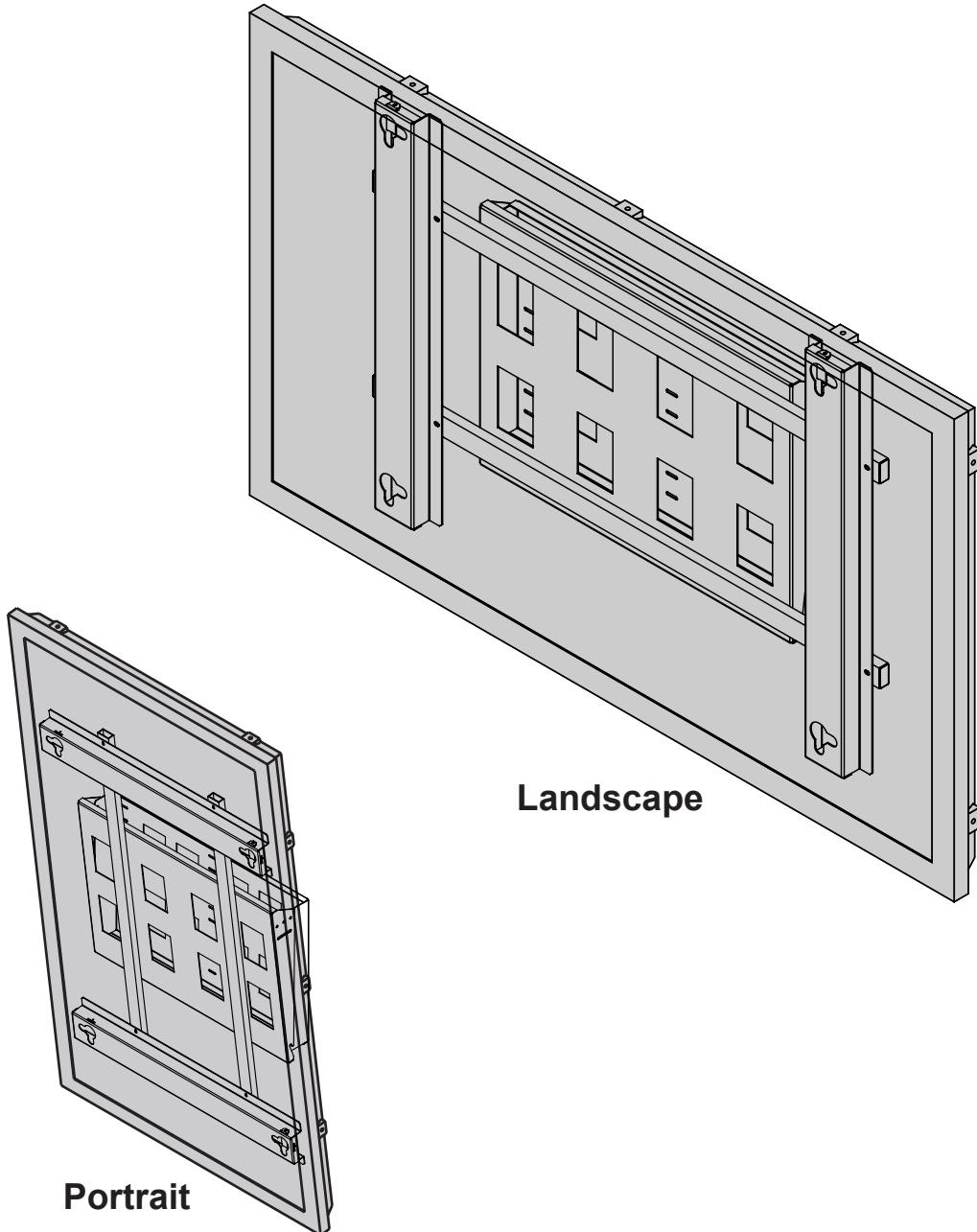


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Installation and Assembly:

Wall Mount for Panasonic TH-85PF12U and TH-85VX200U

Model: PANA-85WM



Maximum Load Capacity:
270 lb (122 kg)

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**HARDWARE REQUIRED**

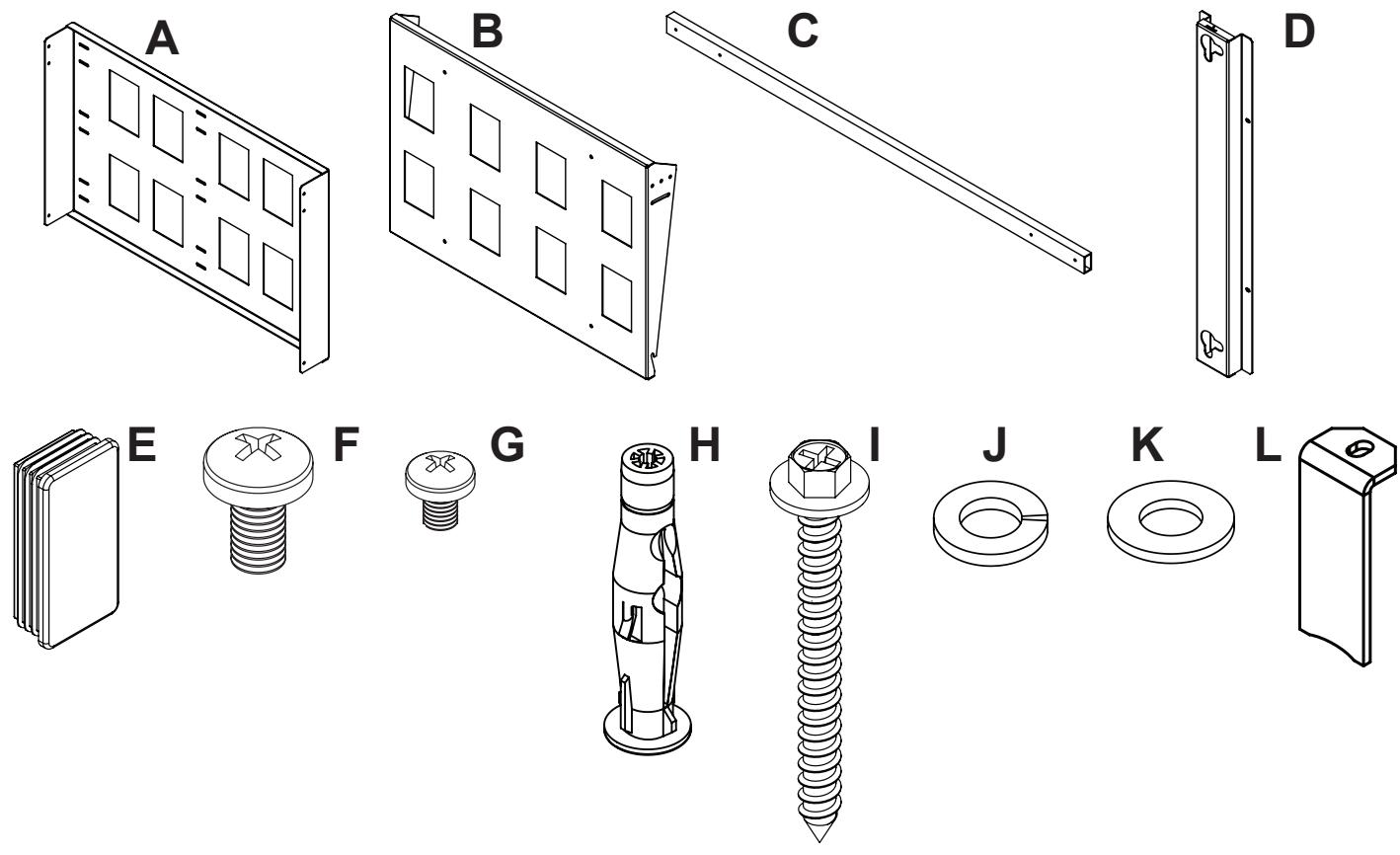
• Wood Stud	Included
• Wood Beam	Included
• Solid Concrete	Included
• Cinder Block	Included
• Metal Stud	Contact Qualified Professional
• Brick	Contact Qualified Professional
• Other or unsure?	Contact Qualified Professional

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Parts List

Description	Qty.	Part #
A wall plate	1	201-1697
B tilt plate	1	201-1695
C support tube	2	201-1693
D adapter bracket	2	201-1692
E rectangle cap	4	590-1334
F M8 x 15 mm phillips screw	18	520-9257
G M5 x 8 mm phillips screw	2	570-0005
H 8 mm anchor	9	590-0320
I #14 x 2.5 wood screw	9	5S1-015-CO3
J 5/16 split washer	18	540-9405
K 5/16 washer	18	540-9406
L lock bracket	2	201-1698



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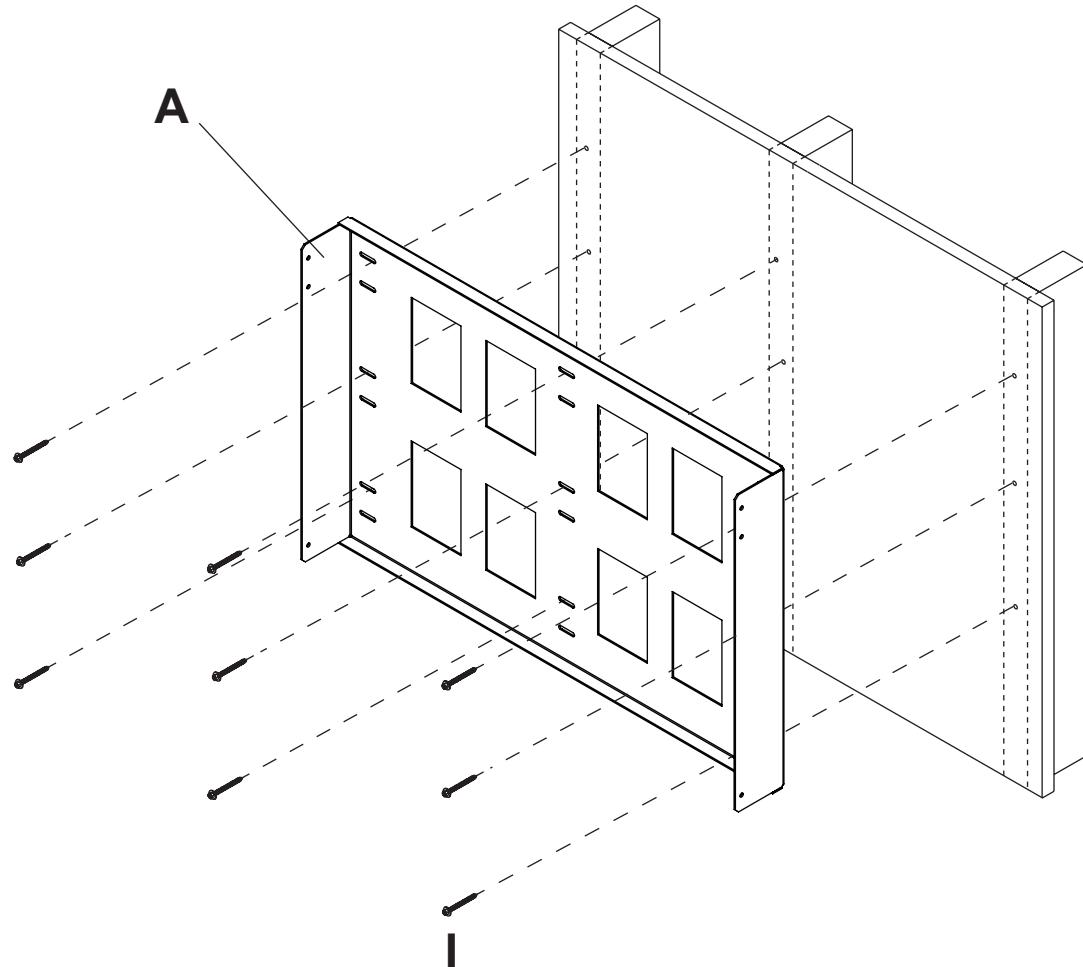
Installation to Triple Wood Stud Wall

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.

1 Use a stud finder to locate the edges of the studs. Use of an edge-to-edge stud finder is highly recommended. Based on their edges, draw a vertical line down each stud's center. Place wall plate (A) on wall as a template. Level plate, and mark the center of the nine mounting holes. Make sure that the mounting holes are on the stud centerlines. Drill nine 5/32" (4 mm) dia. holes 2.5" (64 mm) deep. Make sure that the wall plate is level, secure it using nine #14 x 2.5" wood screws (I) as shown.

Skip to step 2.



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.

1 Make sure that wall plate (A) is level, use it as a template to mark nine mounting holes. Drill nine 5/16" (8 mm) dia. holes to a minimum depth of 2.5" (64 mm). Insert anchors (H) in holes flush with wall as shown in figure 1.1. Place wall plate over anchors and secure with nine #14 x 2.5" screws (I). Level, then tighten all fasteners as shown in fig. 1.2.

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 counterbored 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.

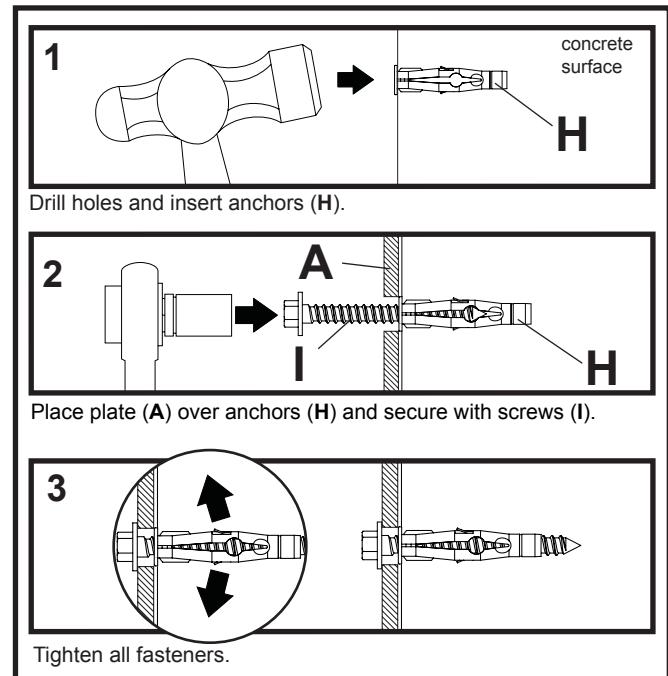


Fig. 1.1

CUTAWAY VIEW

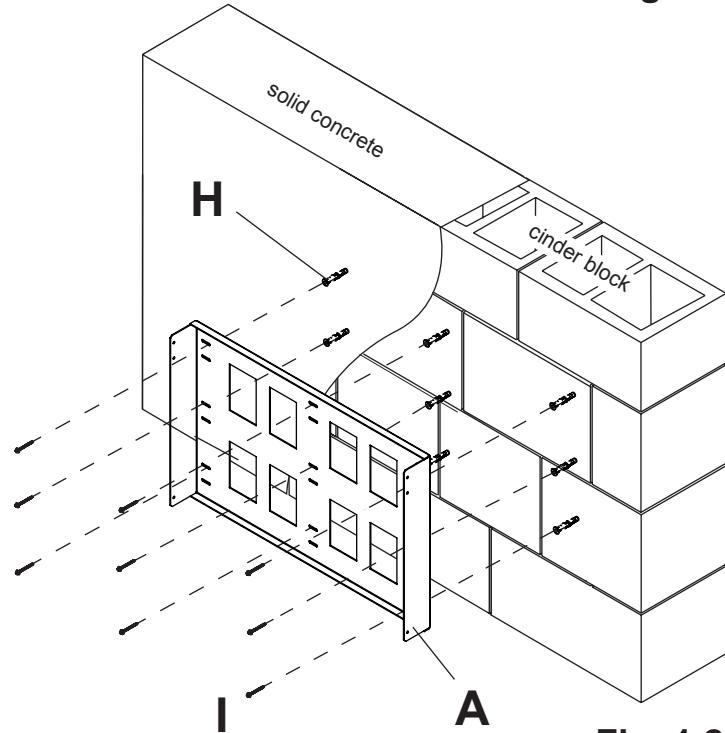
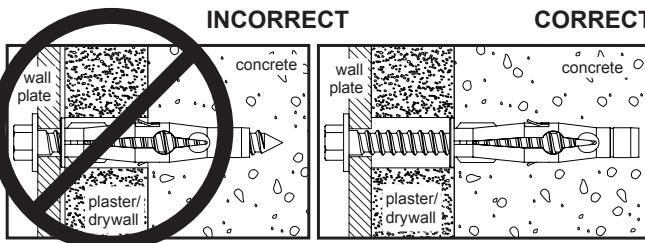
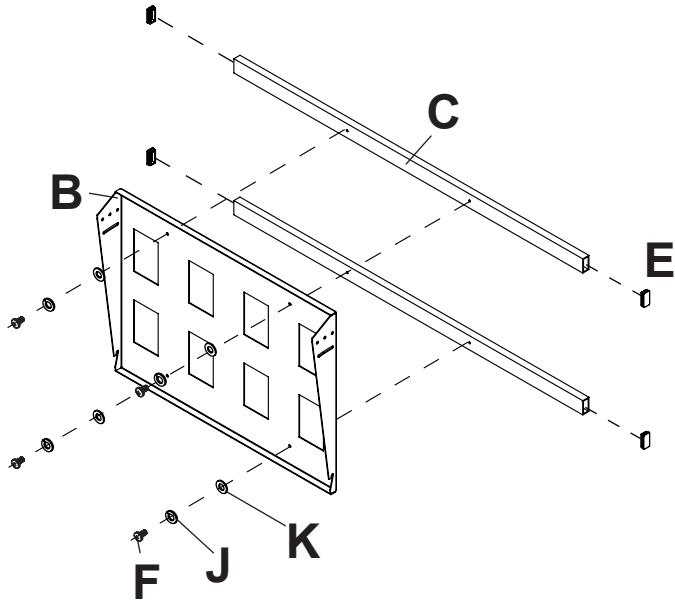
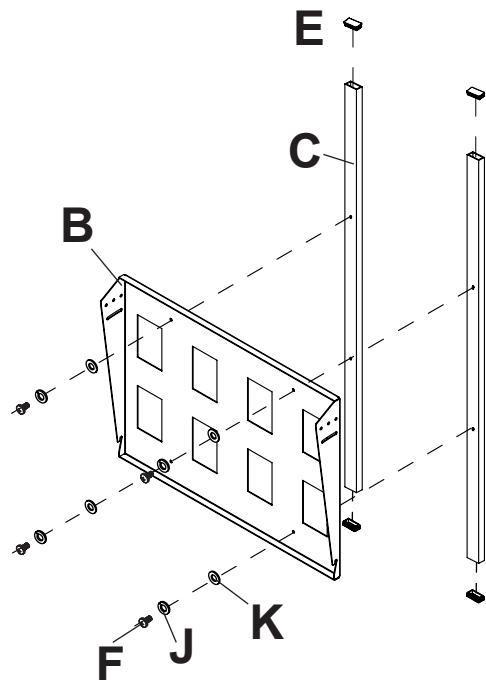


Fig. 1.2

2 Secure two support tubes (C) to tilt plate (B) using four M8 x 15 mm phillips screws (F), four 5/16 split washers (J), and four 5/16 washers (K).
 Secure four rectangle caps (E) to support tubes (C) as shown.

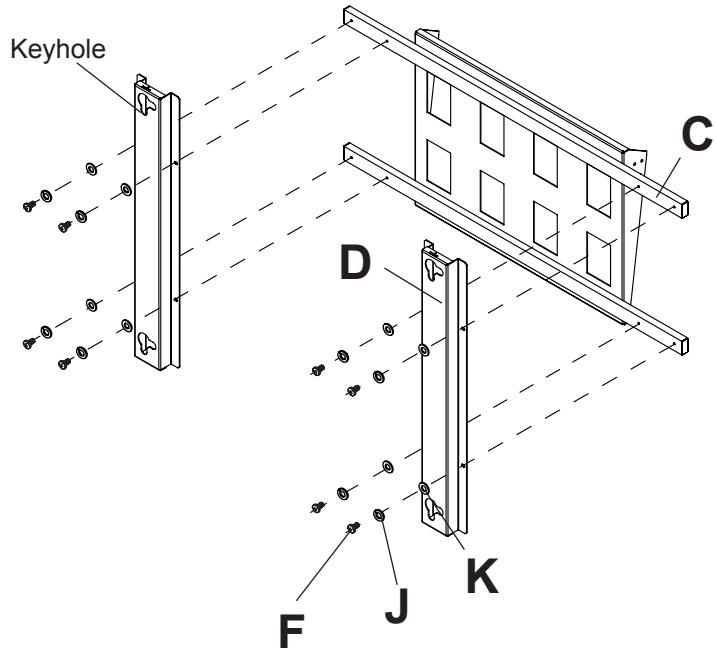


Landscape

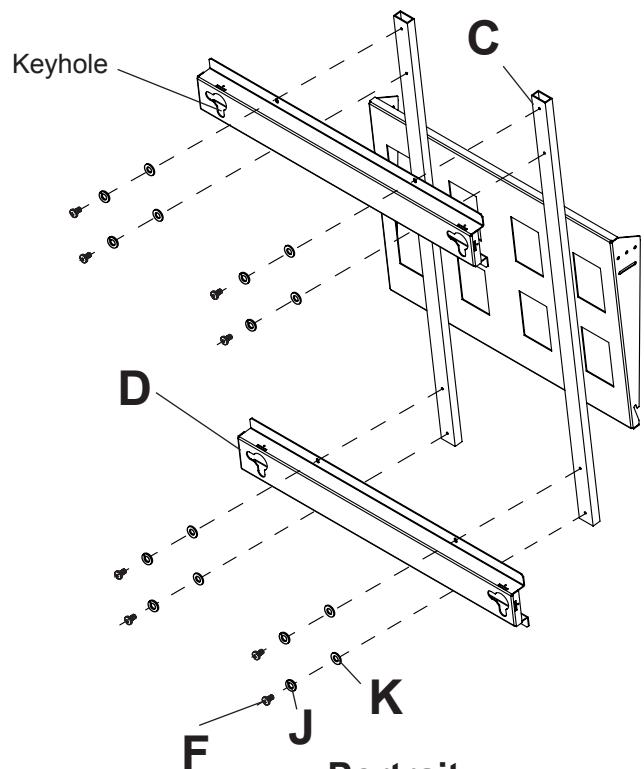


Portrait

3 Secure two adapter brackets (D) to support tubes (C) using eight M8 x 15 mm phillips screws (F), eight 5/16 split washers (J), and eight 5/16 washers (K) to create bracket assembly.
NOTE: Be sure keyholes point down.



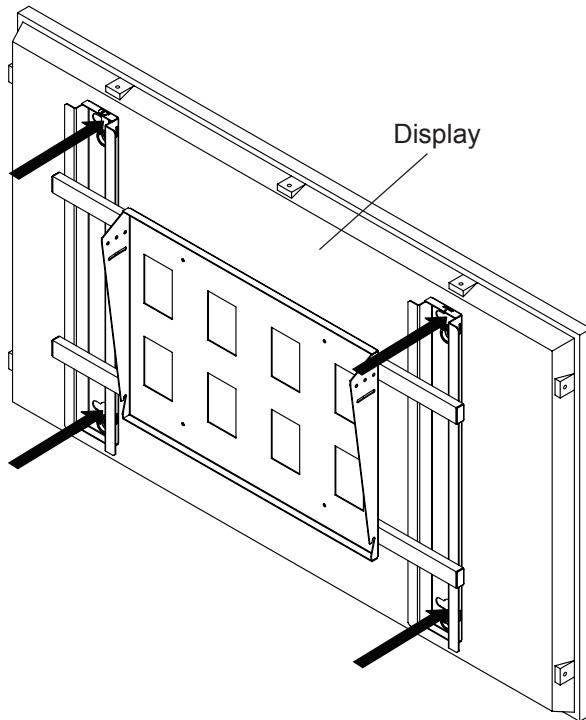
Landscape



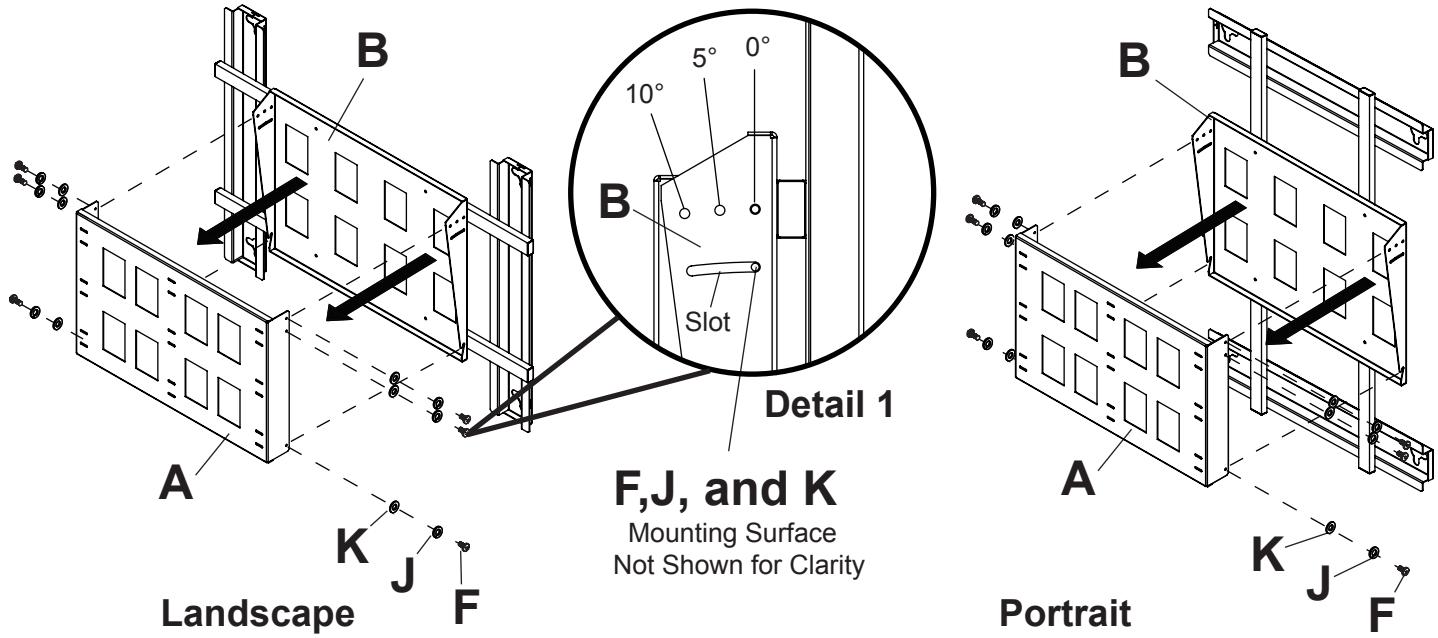
Portrait

4 To make sure bracket assembly keyhole are properly aligned with standoffs, position bracket assembly onto display standoffs.

Remove bracket assembly from back of display.

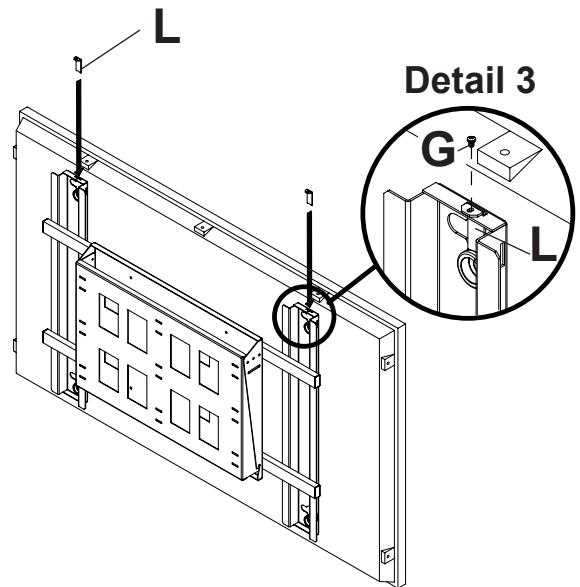
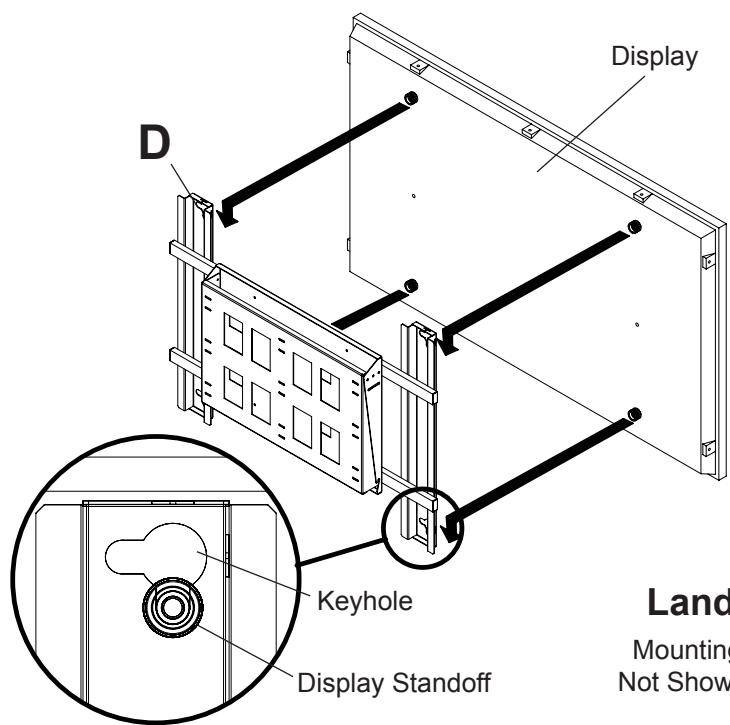


5 Secure tilt plate (B) of bracket assembly to wall plate (A) at desired tilt angle using six M8 x 15 mm phillips screws (F), six 5/16 split washers (J), and six 5/16 washers (K). Secure one M8 x 15 mm phillips screws (F), 5/16 split washer (J), and 5/16 washer (K) into slot of tilt plate (B) as shown in Detail 1.



6 Hook display standoffs into keyhole slots on adapter brackets (**D**) of bracket assembly.
NOTE: Make sure that standoffs rest at the bottom of keyhole slots as shown in detail 2.

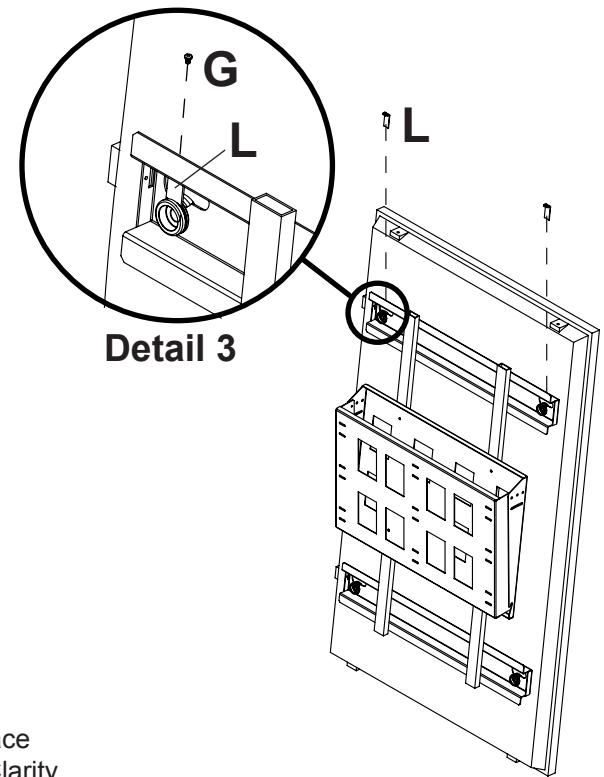
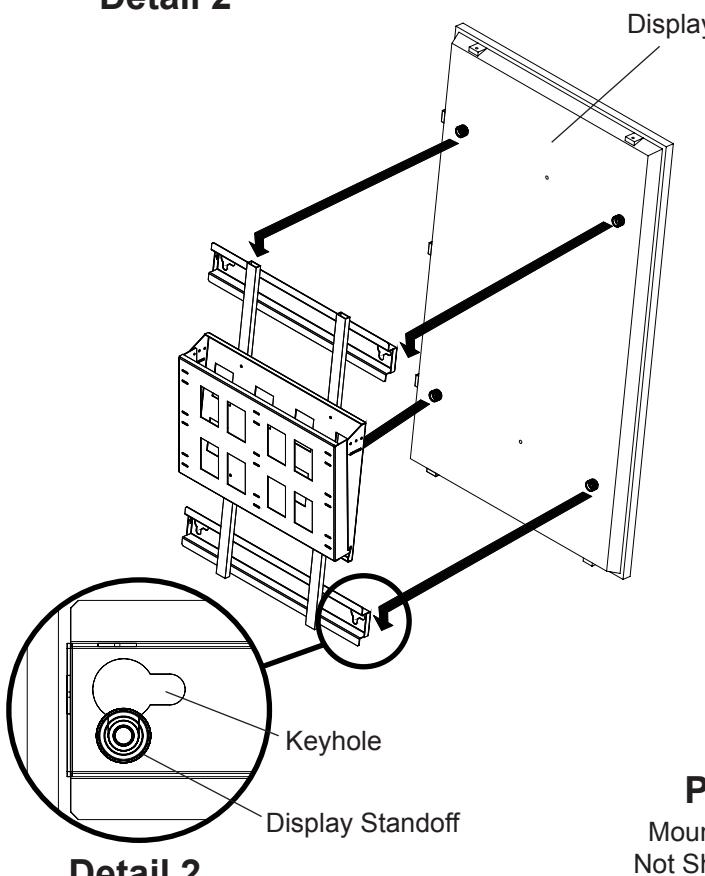
Secure display standoffs in keyhole using two lock brackets (**L**) and M5 x 8 mm phillips screws (**G**) as shown in detail 3.



Landscape

Mounting Surface
Not Shown for Clarity

Detail 2



Portrait

Mounting Surface
Not Shown for Clarity

Detail 2