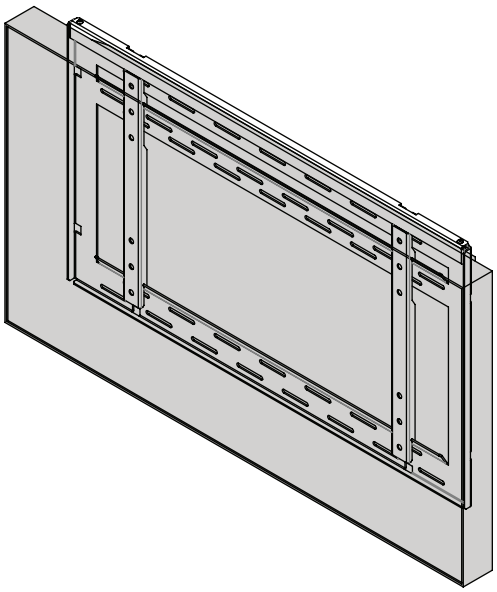
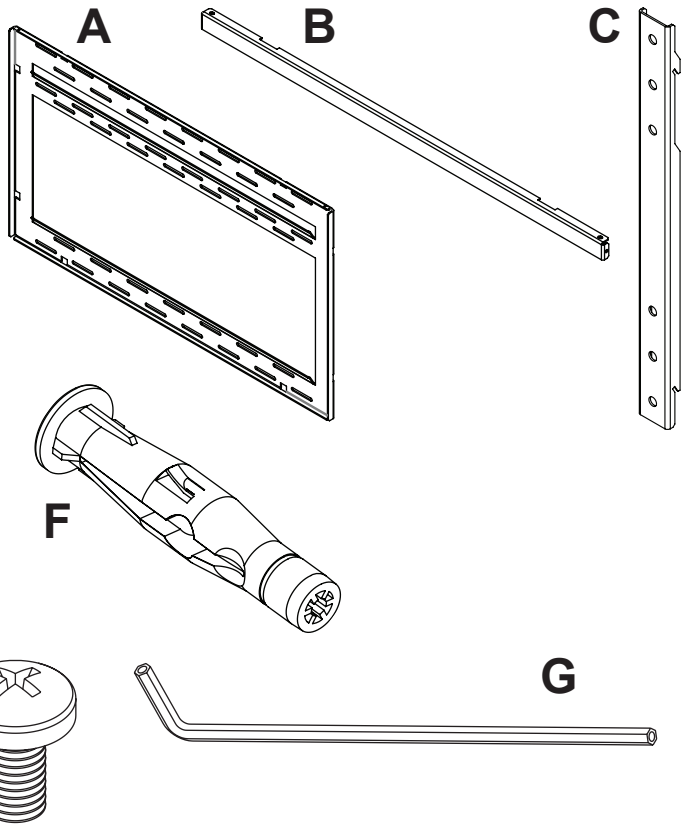
Installation and Assembly:
Wall Mount

Model: DS-VW650



Parts List

	Description	Qty.	Part #
A	wall plate	1	145-1199
B	lock bracket	1	145-1201
C	vertical bracket	2	145-1200
D	M5 x 10 mm socket pin Type F screw	2	520-1164
E	#14 x 2.5" hex head wood screw	6	5S1-015-C03
F	concrete anchor	6	590-0320
G	4 mm allen wrench	1	560-9646
H	nylon shoulder washer	4	590-2233
I	M6 x 12 mm phillips screw	4	5201128
J	M8 x 15 mm phillips screw	4	520-9257



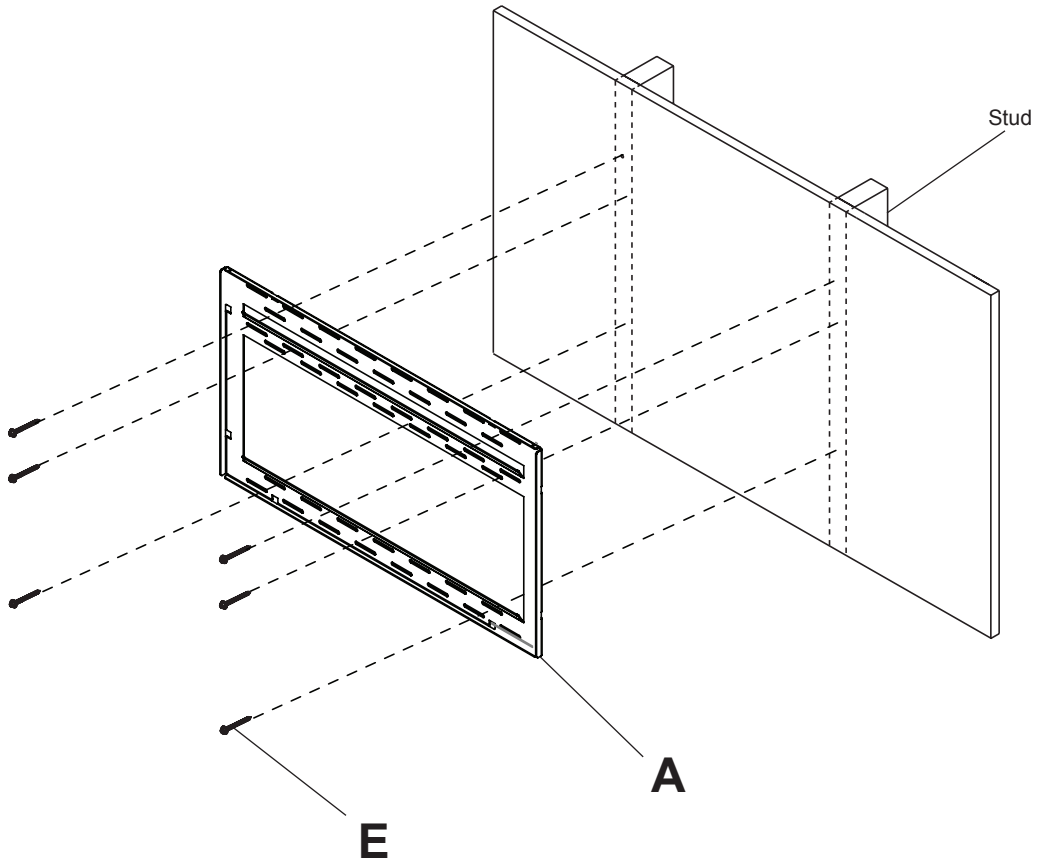
ISSUED: 09-24-10 SHEET #: 125-9146-1

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.

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 wall plate (**A**) on wall as a template. Level plate, and mark the center of the six mounting holes. Make sure that the mounting holes are on the stud centerline. Drill six 5/32" (4 mm) dia. holes 2-1/2" (65 mm) deep. Make sure that the wall plate (**A**) is level, secure it using six #14 x 2.5" wood screws (**E**) as shown below.

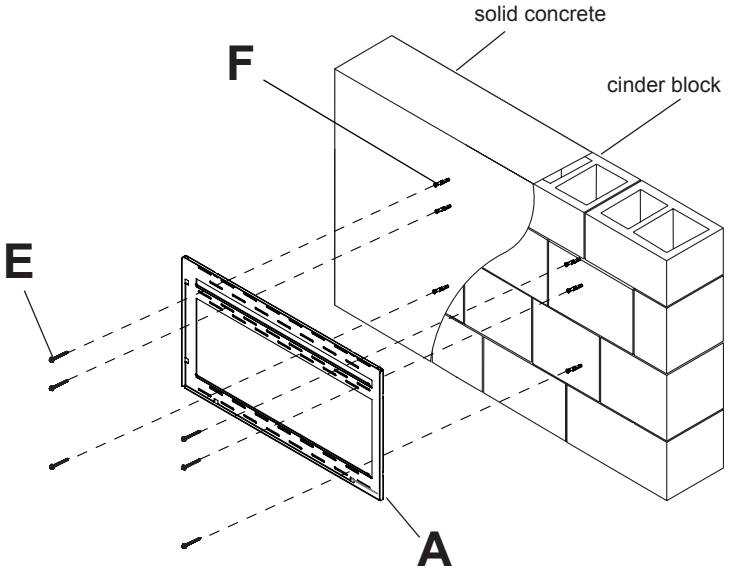


Installation to Solid Concrete or Cinder Block

⚠ WARNING

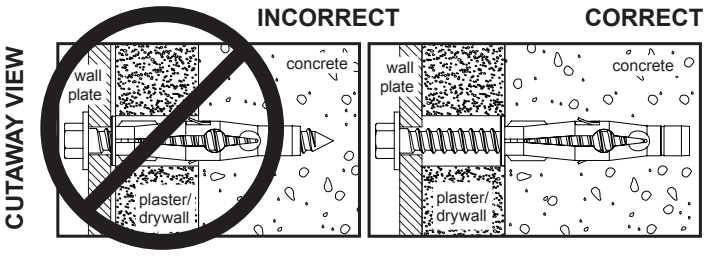
- When installing Peerless wall mounts on cinder block, verify that you have a minimum of 1-3/8" (35 mm) of actual concrete thickness in the hole to be used for the concrete anchors. Do not drill into mortar joints! Be sure to mount in a solid part of the block, generally 1" (25 mm) minimum from the 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.

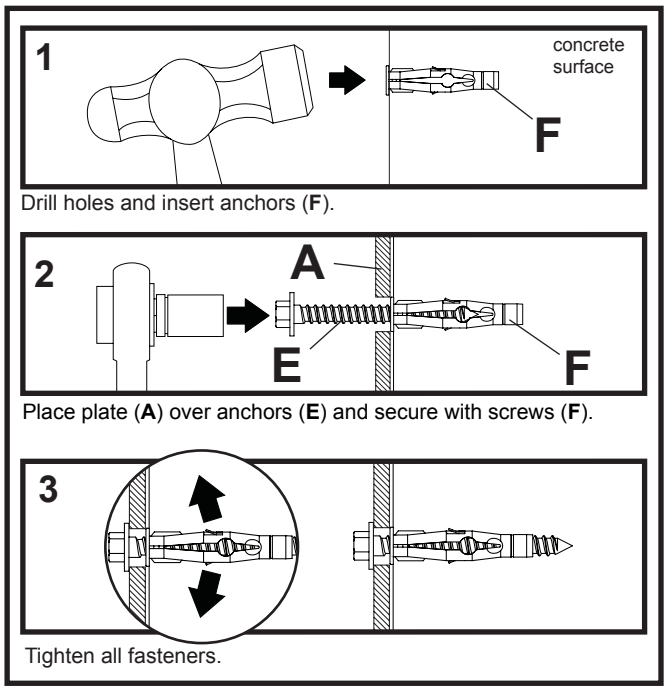
1 Make sure that wall plate (**A**) is level, use it as a template to mark six mounting holes. Drill six 5/16" (8mm) dia. holes to a minimum depth of 2.5" (64 mm). Insert anchors (**F**) in holes flush with wall as shown (right). Place wall plate (**A**) over anchors and secure with six #14 x 2.5" screws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



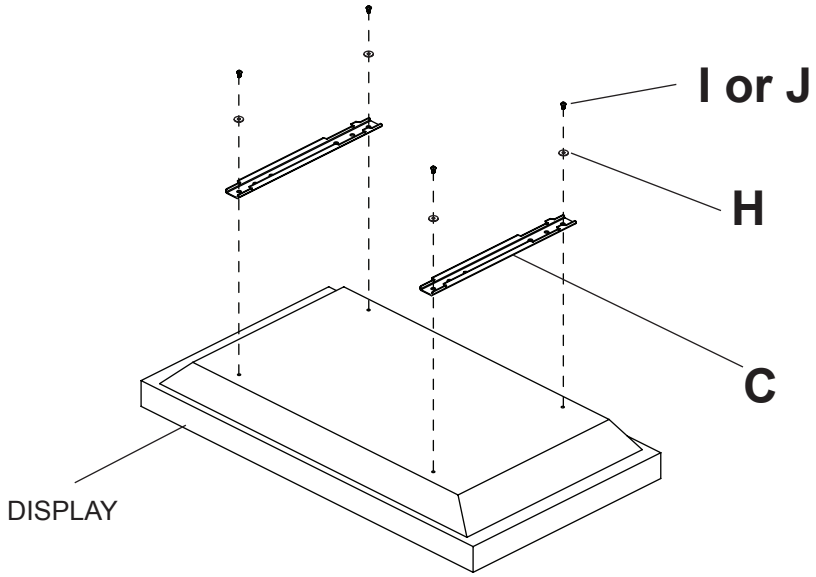
⚠ WARNING

- 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. 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





2 Attach adapter brackets (**C**) to display using four M6 x 12 mm phillips screw (**I**) with nylon shoulder washers (**H**), or using four M8 x 15 mm phillips screws (**J**).



Attaching Adapter Brackets to Wall Plate

3 Hook adapter brackets (**C**) to wall plate (**A**). Slide adapter brackets (**C**) to position.
Once display is located in desired position, secure with lock bracket (**B**) using two M5 x 10 mm socket pin Type F screws (**D**) to lock in place as shown in figure 3.2.

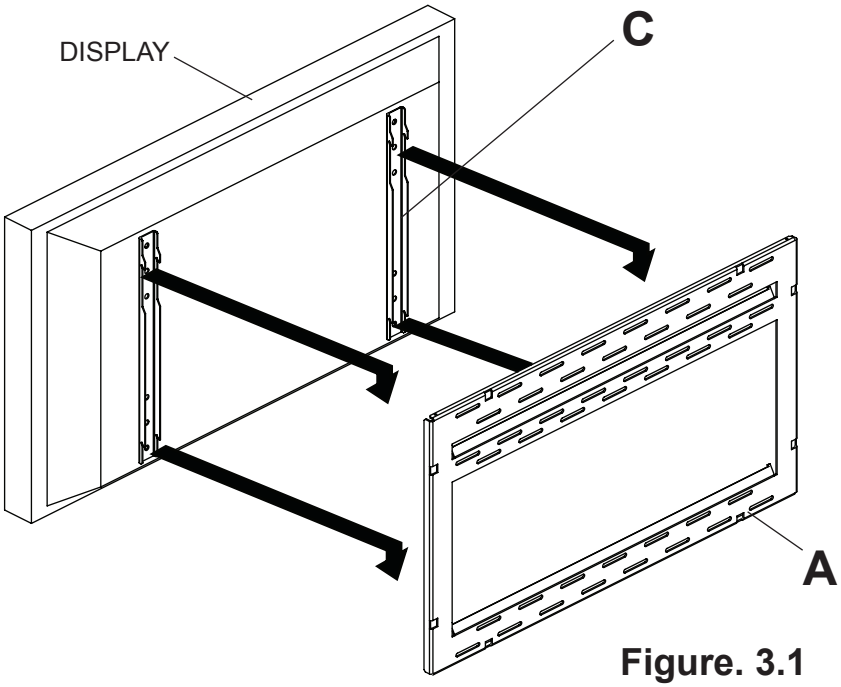


Figure. 3.1

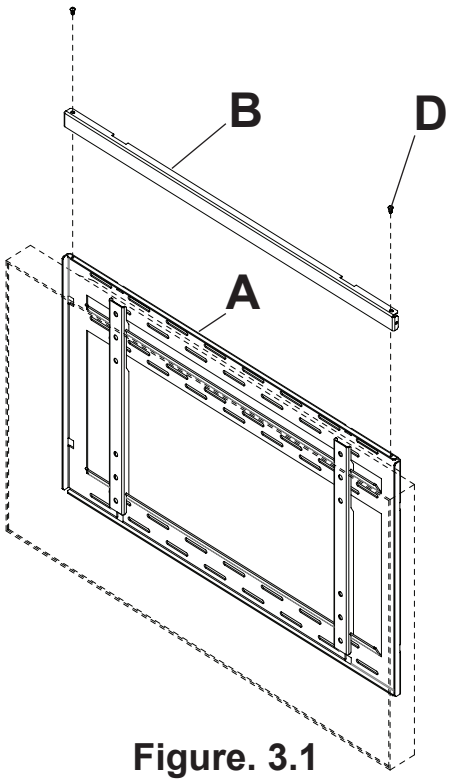


Figure. 3.1

BACK FOR WALL PLATE
SUPPORTING SURFACE
NOT SHOWN FOR CLARITY