## Installation and Assembly - TV and PC Mount

**IMPORTANT! Read instruction sheet before you start installation and assembly.**

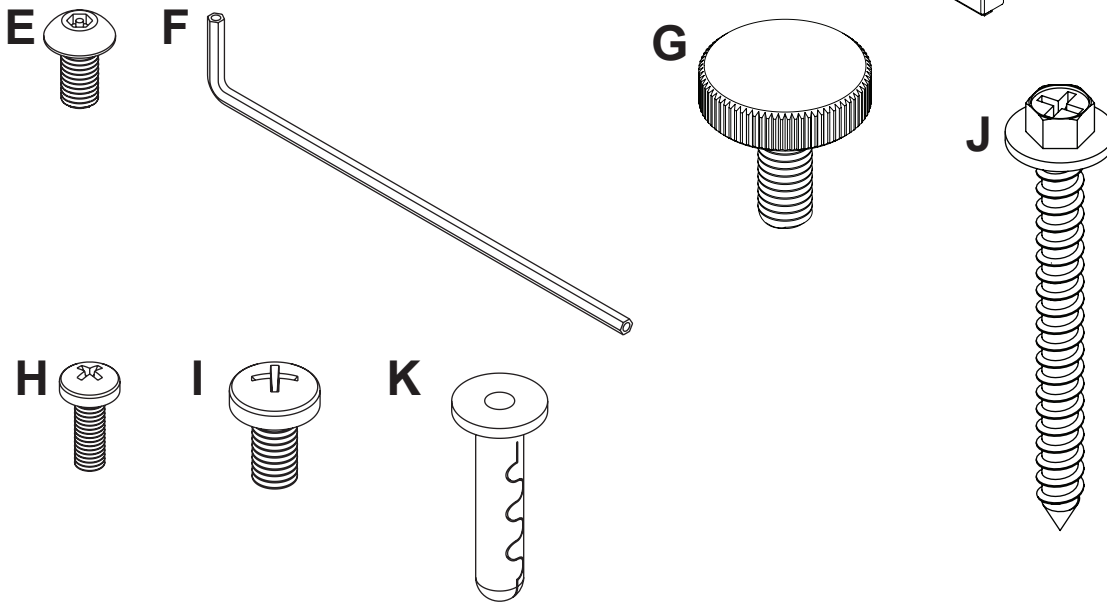*Before you start make sure all parts listed are included with your product.*

### Parts List

| | Description | Qty. | Part # |
|---|---|---|---|
| A | cover plate | 2 | 201-1335 |
| B | wall plate | 1 | 201-1337 |
| C | screen plate | 1 | 201-1649 |
| D | bumper strip | 1 | 570-1029 |
| E | M5 x 10 mm type-F socket pin screw | 6 | 520-1164 |
| F | 4 mm security allen wrench | 1 | 560-9646 |
| G | M4 x 10 mm knurled knob | 2 | 560-1151 |
| H | M4 x 12 mm phillips screw | 4 | 504-9013 |
| I | M6 x 12 mm phillips screw | 4 | 520-1128 |
| J | #14 x 2.5" wood screw | 4 | 5S1-015-C03 |
| K | aligator anchor | 4 | 590-0097 |
| L | safety belt kit | 2 | 170-8039-1 |
| M | 4 pack of togglers (not shown) | 1 | ACC415 |
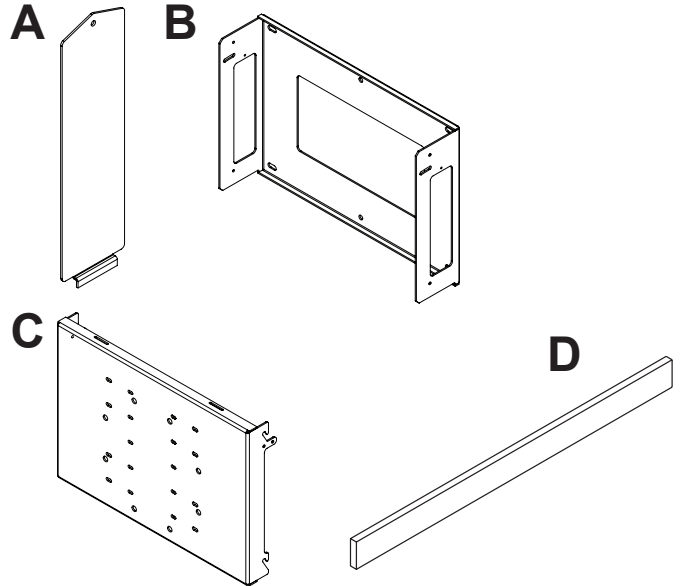
*Some parts may appear slightly different than illustrated.*

**A**  **B**

**C**  **D**

**E**  **F**  **G**  **J**

**H**  **I**  **K**

MAX LOAD CAPACITY: **150 lb (68 kg)**

### Safety Belt Kit (L)

BELT WITHOUT CINCH BUCKLE

TRI-BAR BELT CLIP    CLEAR STRIPS    BELT GUIDE    BELT WITH CINCH BUCKLE
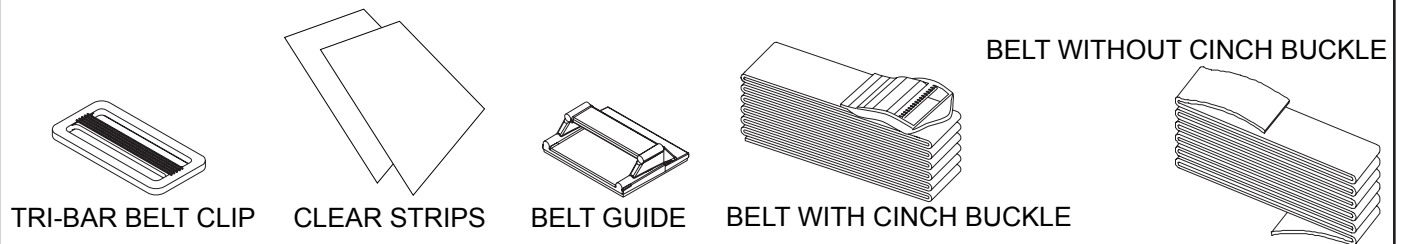
# Installation to Double Wood Stud Wall

## ⚠ 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** Wall plate (**B**) can be mounted to two studs that are 16" apart. 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 on wall as a template. The top mounting slots should be 5.36" (136 mm) above the desired screen center as shown in figure 1.1. Level plate and mark the center of the four mounting holes. Make sure that the mounting holes are on the stud centerlines. Drill four 5/32" (4 mm) dia. holes 2-1/2" (65 mm) deep. Make sure that the wall plate is level, secure it using four #14 x 2.5" wood screws (**J**) as shown in figure 1.2.

*Skip to step 2.*

STUD

**B**

5.36"
(136 mm)

CS

CS = center of screen       **fig. 1.1**

**B**

**J**       **fig. 1.2**
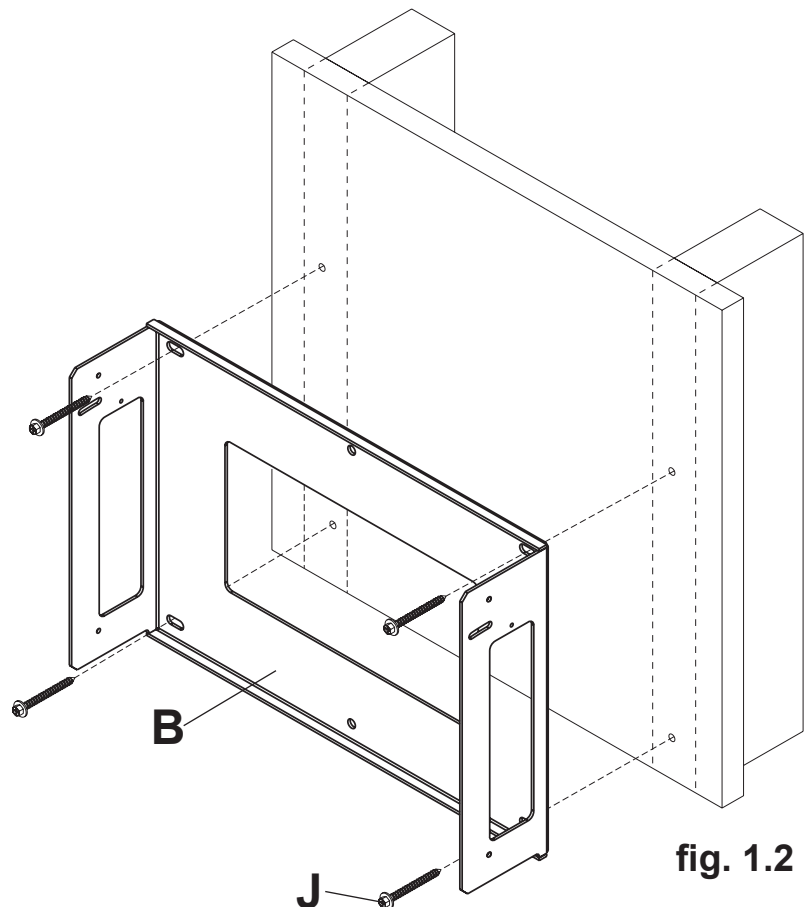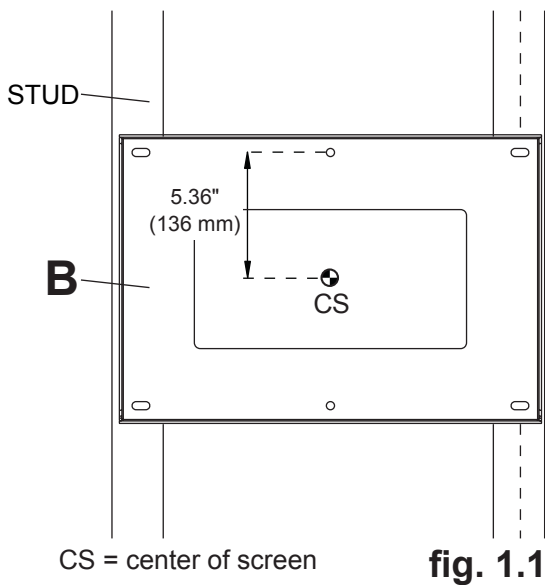
# Installation to Solid Concrete or Cinder Block

## ⚠ WARNING

- When installing Peerless wall mounts on cinder block, verify that you have a minimum of 1-3/8" 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" 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 supporting surface will safely support the combined load of the equipment and all attached hardware and components.

**1** Make sure that wall plate (**B**) is level, use it as a template to mark four mounting holes. The top mounting hole should be 5.35" (136 mm) above the desired screen center as shown in figure 1.1 on page 2. Drill four 1/4" (6 mm) dia. holes to a minimum depth of 2.5" (64 mm). Insert anchors (**K**) in holes flush with wall as shown (right). Place wall plate over anchors and secure with #14 x 2.5" screws (**J**). Level, then tighten all fasteners.
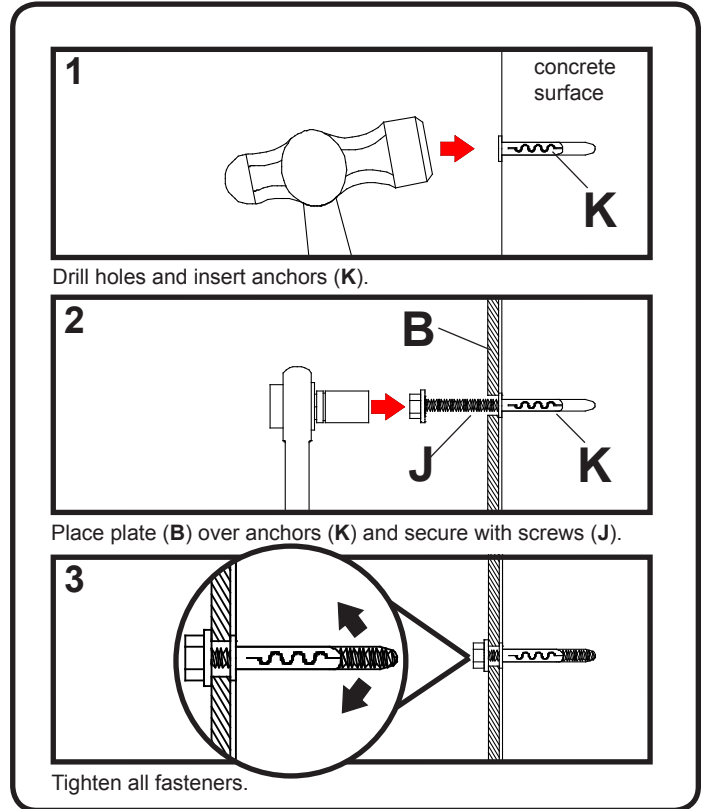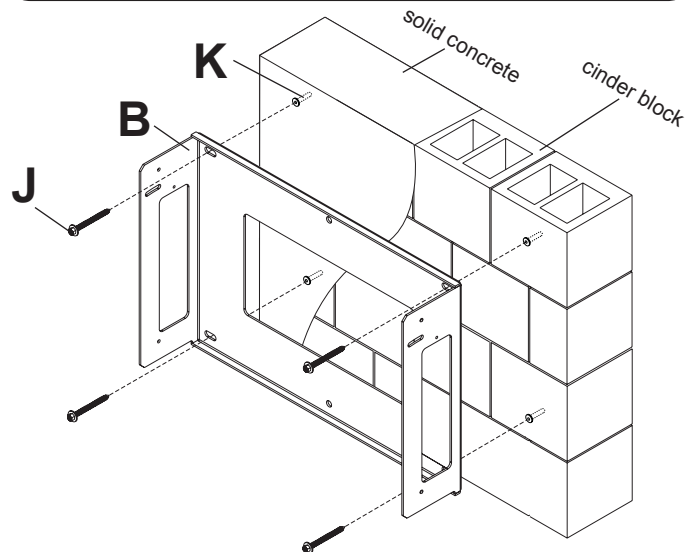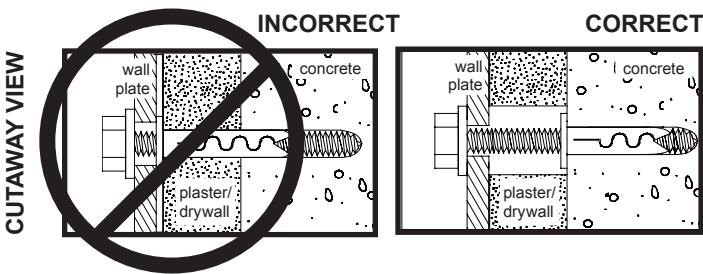
## ⚠ WARNING

- Tighten screws so that wall plate is firmly attached, but do not <u>overtighten</u>. Overtightening can damage screws, greatly reducing their holding power.

- Never tighten in excess of 80 in. • lb (9 N.M.).

## ⚠ WARNING

- Always attach concrete anchors <u>directly</u> to load-bearing concrete.

- Never attach concrete 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", custom fasteners must be supplied by installer.
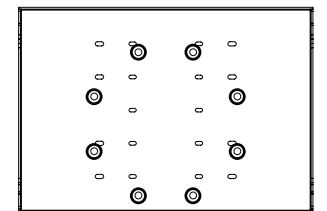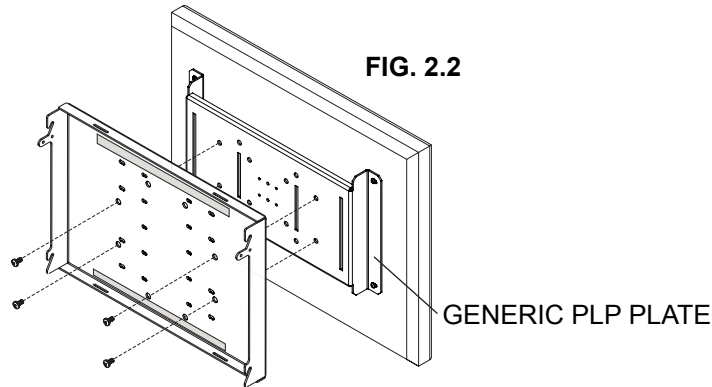
**1**

concrete surface

**K**

Drill holes and insert anchors (**K**).

**2**

**B**

**J**   **K**

Place plate (**B**) over anchors (**K**) and secure with screws (**J**).

**3**

Tighten all fasteners.

**CUTAWAY VIEW**

**INCORRECT**

wall plate     concrete

plaster/drywall

**CORRECT**

wall plate     concrete

plaster/drywall

**K**

**B**

**J**

solid concrete

cinder block

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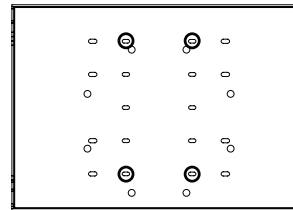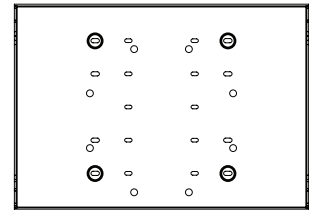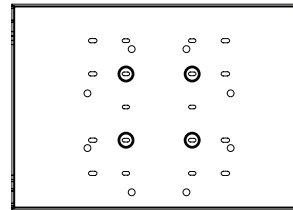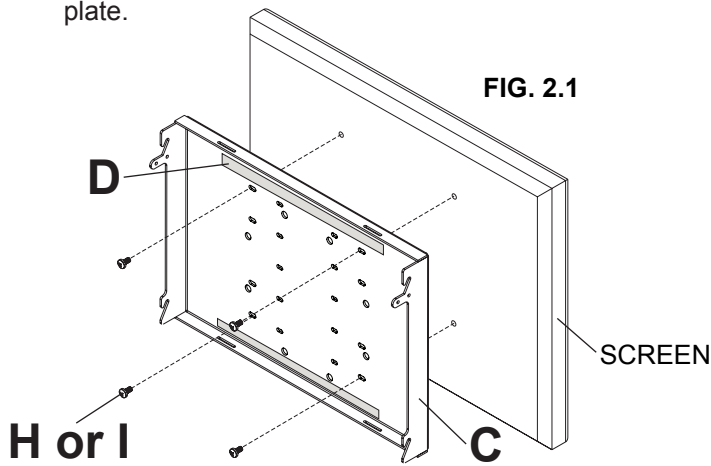**2** Attach screen plate (**C**) to screen using the configuration for your screen as shown in figure 2.1.

For VESA 200 x 100, VESA 100 x 200, and VESA 100 x 100 mounting patterns, use four M4 x 12 mm phillips screws (**H**). For VESA 200 x 200 mounting pattern, use four M6 x 12 mm phillips screws (**I**).

**NOTE:** If attaching screen plate (**C**) to PLP plate as shown in figure 2.2, follow instructions provided with PLP plate.

**FIG. 2.1**

**D**

**H or I**

**C**

SCREEN

VESA 100 x 100

VESA 200 x 200

VESA 100 x 200

VESA 200 x 100

**FIG. 2.2**
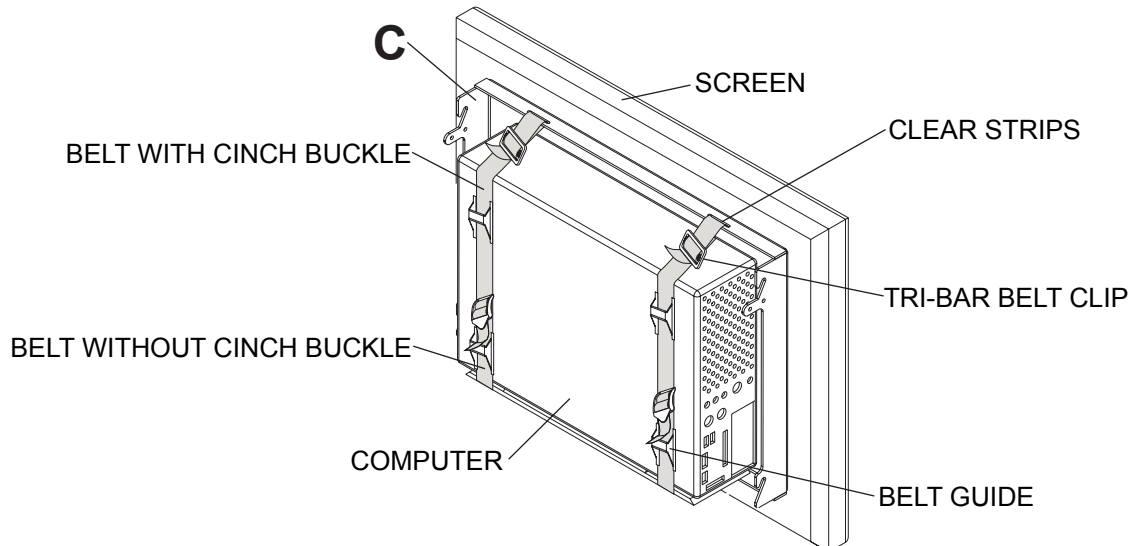
GENERIC PLP PLATE

PLP INTERFACE PATTERN
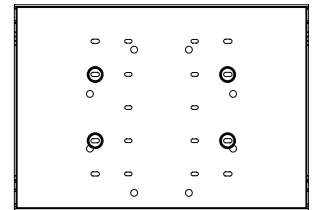
**3** **NOTE:** Use safety belt kit instructions in conjuction with this step.

Fasten clear strips to the four slots in screen plate (**C**). Set computer into screen plate (**C**). Fasten belt with cinch buckle to belt without cinch buckle. Place tri-bar belt clips and belt guide onto belt as shown in the safety belt instructions. Feed the ends of the belt through the screen plate (**C**) slots and through tri-bar belt clip. Cinch the ends of the belt so that the computer is securely held.

**NOTE:** Trim off the end of the belt if necessary, then lightly burn the end of the belt to prevent fraying.

**C**

SCREEN

CLEAR STRIPS

BELT WITH CINCH BUCKLE

TRI-BAR BELT CLIP

BELT WITHOUT CINCH BUCKLE

COMPUTER

BELT GUIDE

ISSUED: 03-05-09  SHEET #: 125-9051-1

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**4** Fasten four M5 x 10 mm type-F socket pin screws (**E**) into wall plate (**B**) as shown in fig. 4.1. Hook screen plate (**C**) onto wall plate (**B**) as shown in fig. 4.2. Tighten two M5 x 10 mm type-F socket pin screws (**E**) into screen plate (**C**) and wall plate (**B**).

**NOTE:** For tilt, after completing step 4, remove **top two screws** in fig. 4.1. Loosen other top two M5 x 10 mm type-F socket pin screws (**E**) till screen can be adjusted to desired tilt. Securely tighten top two M5 x 10 mm type-F socket pin screws (**E**).

SUPPORTING SURFACE NOT SHOWN

SUPPORTING SURFACE NOT SHOWN

**B**

**E**

**E**

**B**

**FIG. 4.1**

SCREEN NOT SHOWN FOR CLARITY

**C**

**FIG. 4.2**
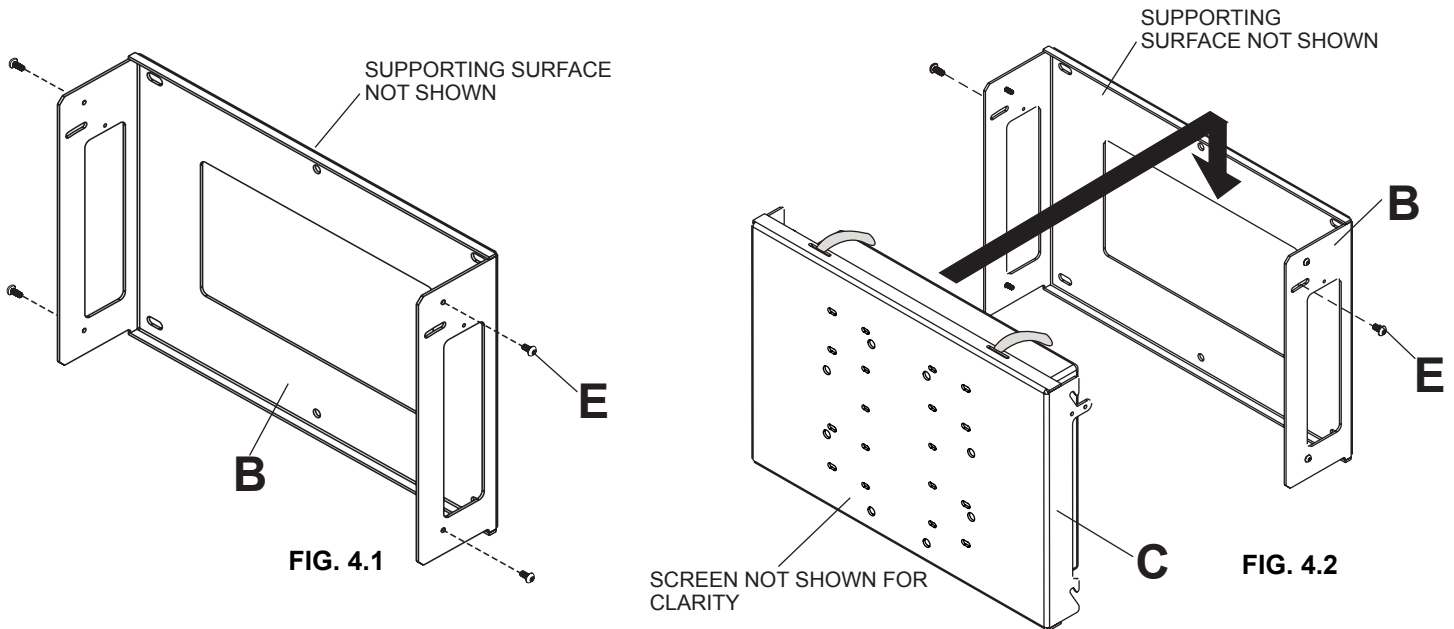
**5** Hook bottom of cover plate (**A**) into wall plate (**B**). Fasten cover plate (**A**) to wall plate (**B**) with two knurled knobs (**G**)

**G**

**A**

SUPPORTING SURFACE NOT SHOWN

**B**

SCREEN NOT SHOWN FOR CLARITY

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