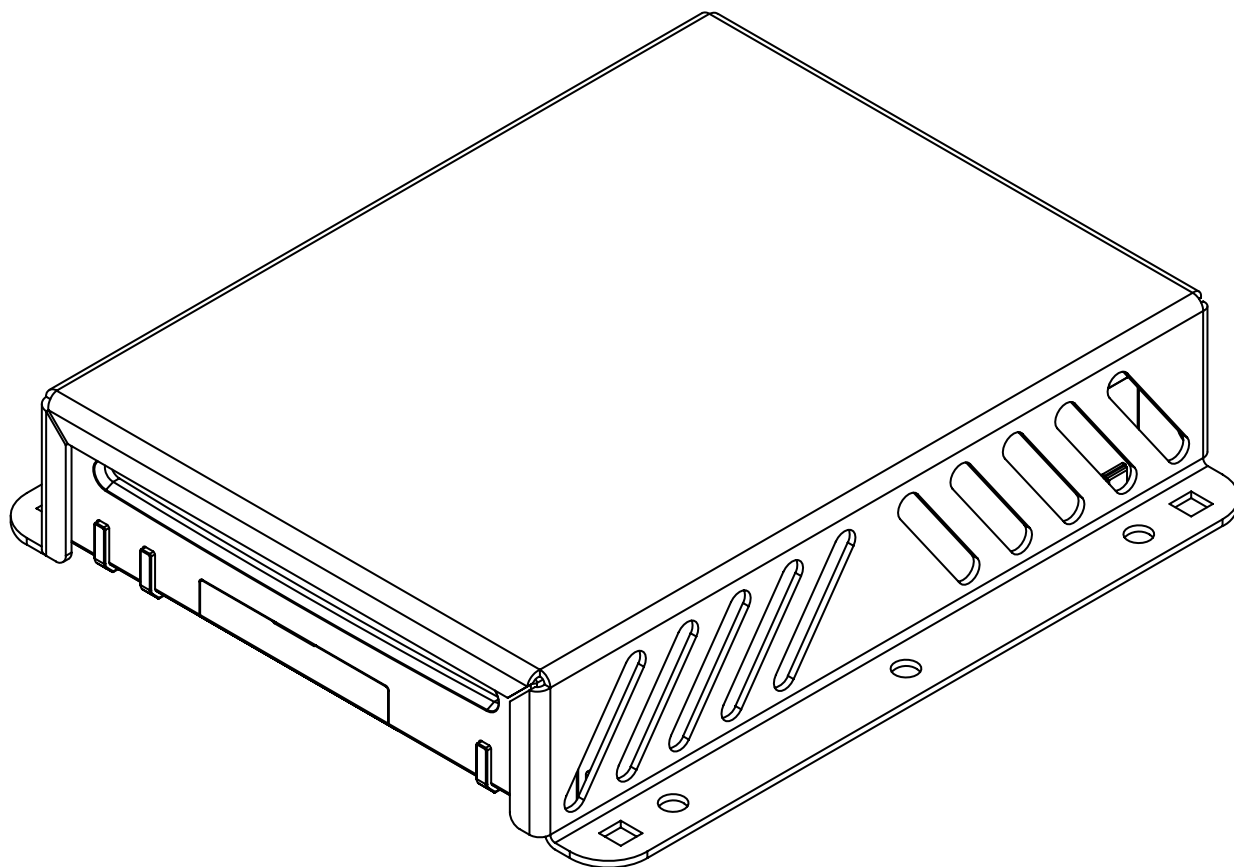




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## Installation and Assembly: Lock Down Plate for Wii™

Model: GC-Wii

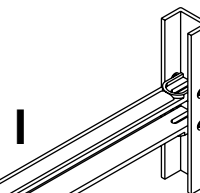
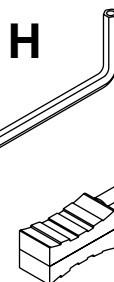
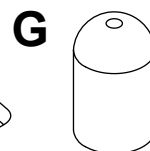
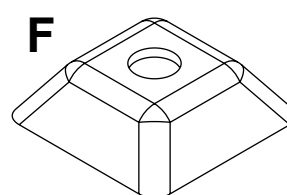
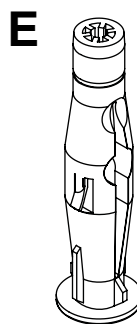
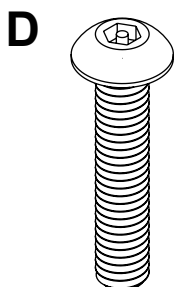
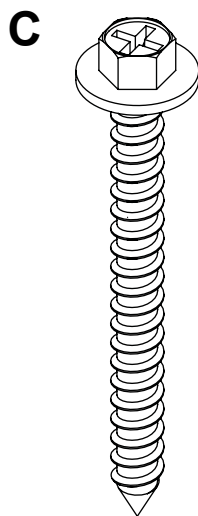
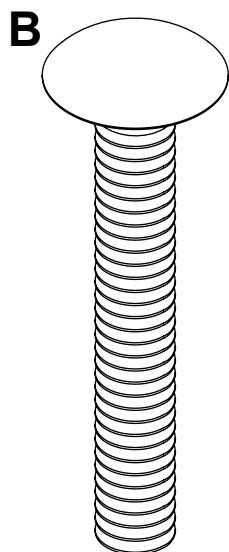
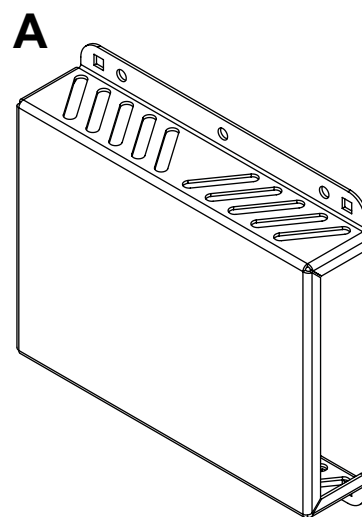


**Maximum Load Capacity:**  
10 lb (5.3 kg)

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## PARTS LIST

Description	Qty.	Part #
<b>A</b> lock down plate	1	125-2215
<b>B</b> 1/4-20 x 1.75" carriage bolt	4	520-1017
<b>C</b> #14 x 2.5" hex head wood screw	2	500-1005
<b>D</b> 1/4-20 x 1.5" socket pin screw	4	520-1256
<b>E</b> concrete anchor	2	590-0320
<b>F</b> 1/4-20 slope nut	3	530-0035
<b>G</b> plastic screw cap	4	590-1294
<b>H</b> 4 mm allen wrench	1	560-9646
<b>I</b> 1/4-20 plastic toggler	4	560-9708
<b>J</b> 1/4-20 nylock nut	2	530-9413



Installation to Wood Stud Wall.....Page 3

Installation to Solid Concrete or Cinder Block.....Page 4

Installation to Metal Studs.....Page 5

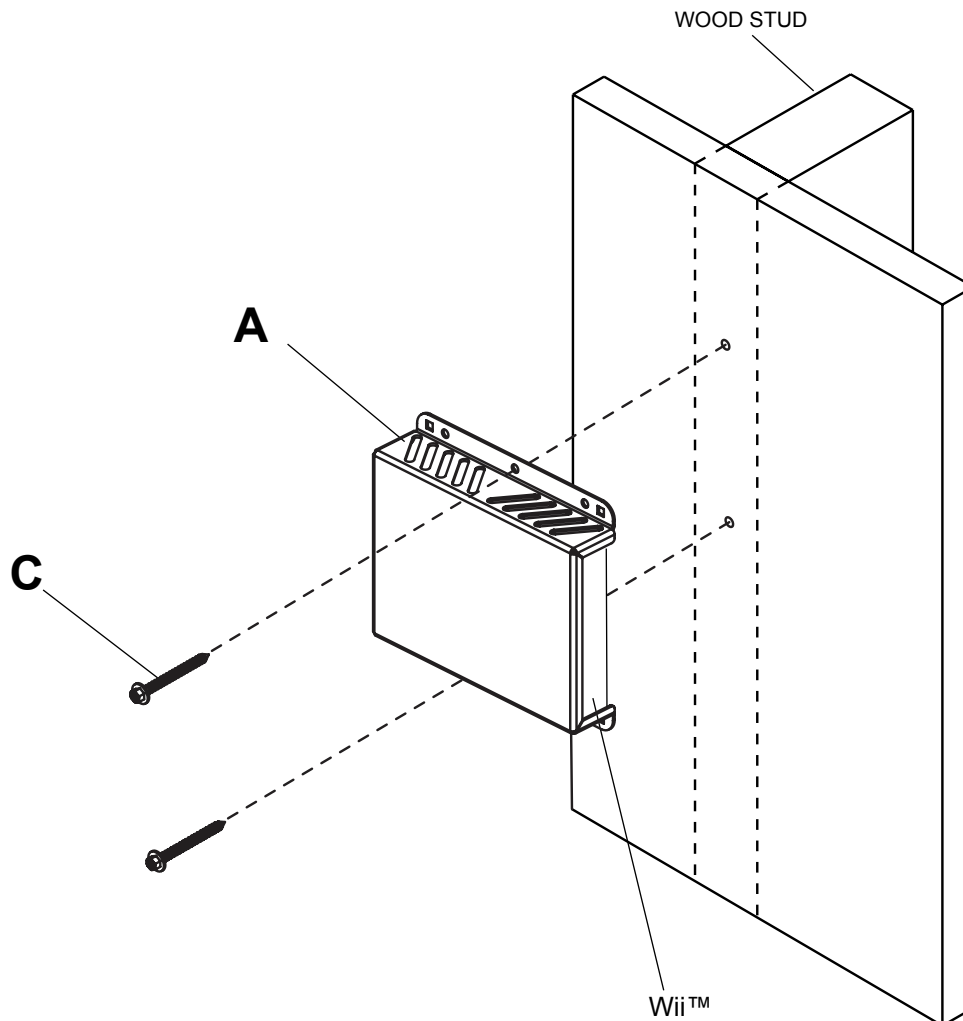
Mounting Surface Lock down Installation.....Page 6

## 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

- 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 each stud center. Place lock down plate (A) on wall as a template. Level, and mark the center of the two mounting holes. Make sure that the mounting holes are on the stud center lines. Drill two 5/32" (4 mm) dia. holes 2.5" (64 mm) deep. Secure using two #14 x 2.5" wood screws (C) as shown below.



## Installation to Solid Concrete or Cinder Block

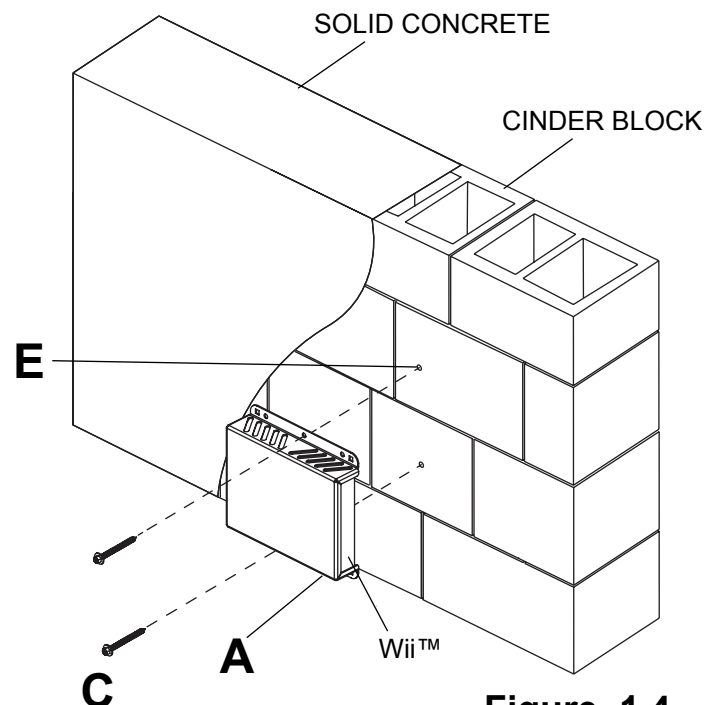
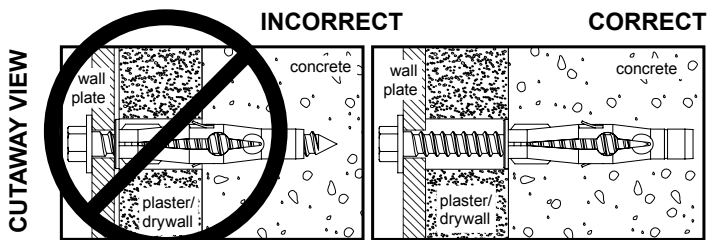
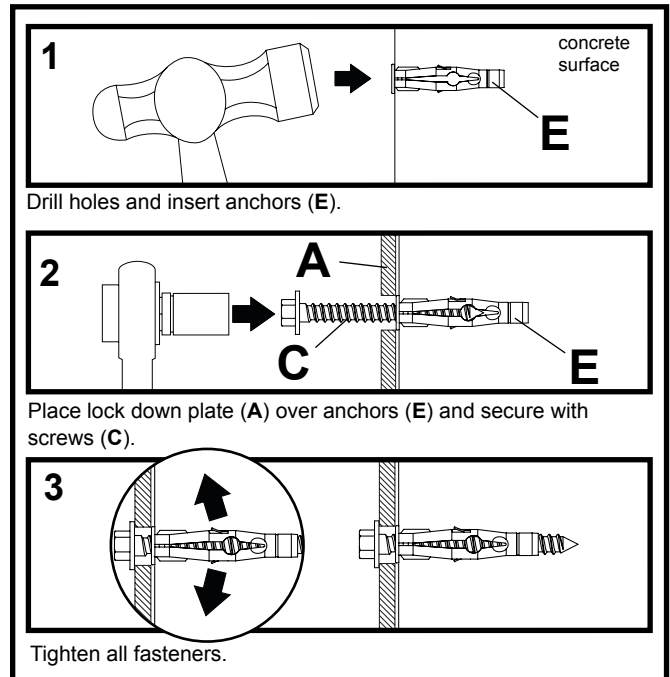
### ⚠ WARNING

- 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** Place lock down plate (A) on wall as a template. Level, and mark the center of the two mounting holes. Drill two 5/16" (8 mm) dia. holes to a minimum depth of 2.5" (64 mm). Insert anchors (E) in holes flush with wall as shown. Secure using two #14 x 2.5" wood screws (C) as shown in figure 1.4.

### ⚠ 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.



**Figure. 1.4**

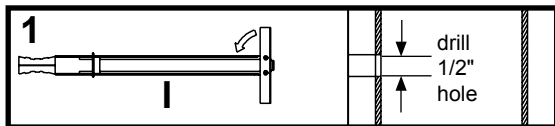
## Installation to Metal Studs

### WARNING

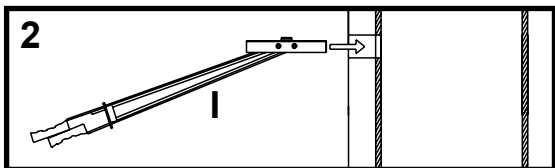
- Drywall must be 1/2" or thicker, and metal stud must be 24 gauge or thicker.
- Make sure that the wall will safely support the combined load of the equipment and all attached hardware and components.
- Make sure that togglers are anchored into the center of the studs. The use of an "edge to edge" stud finder is highly recommended.

**1** Using a stud finder, locate and mark the edges of the metal stud used in mounting this product. Use of an edge to edge stud finder is highly recommended. Use a level to draw a level, vertical line down the center of the stud. Level wall plate (**A**), and mark the center of the two mounting holes. Make sure that the mounting holes are on the stud center lines. Drill two 1/2" holes through drywall and metal studs. **NOTE:** It may be necessary to drill 5/32" pilot holes prior to drilling 1/2" holes. Install togglers (**I**) as shown in figure 1.3. Loosely fasten wall plate to wall using two 1/4-20 x 1.5" screws (**D**) using 4 mm allen wrench (**H**) as shown in figure 1.4. Level, hold, and then tighten all screws.

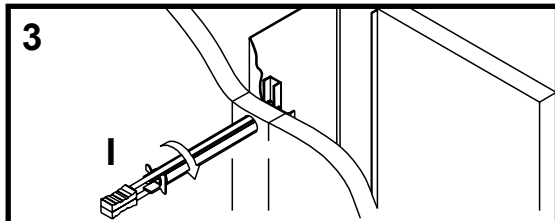
fig. 1.3



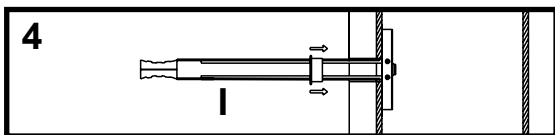
Pivot end of toggler (**I**).



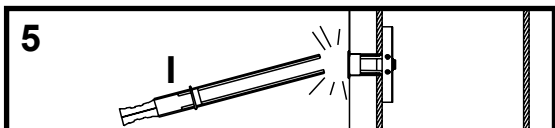
Push into hole.



Rotate toggler (**I**) clockwise to wedge it against inside walls of metal stud.



Slide plastic cap forward while pulling back firmly on ring.



Break off excess.

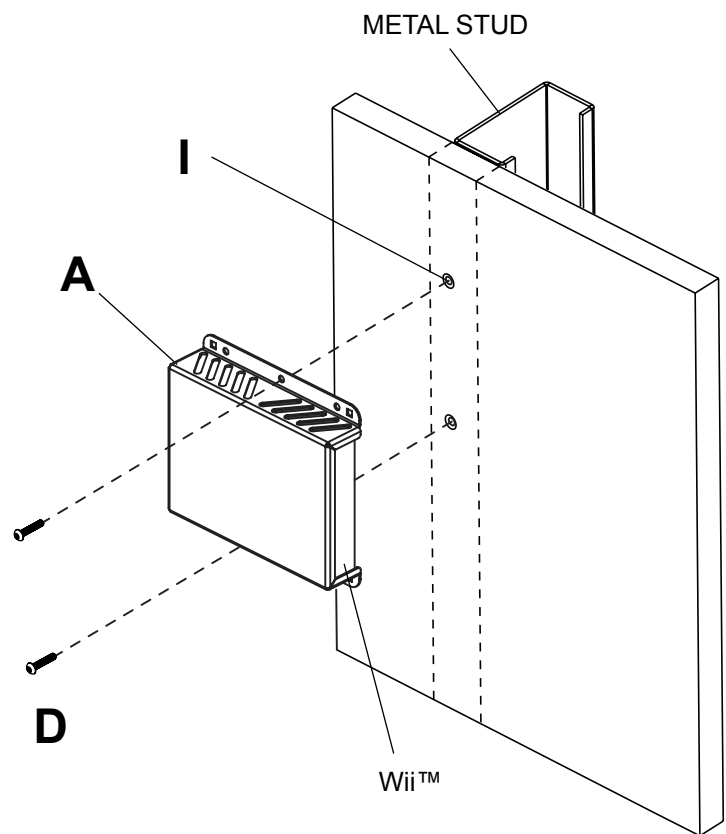


Figure. 1.4

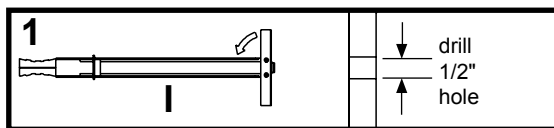
## Installation to Drywall

### WARNING

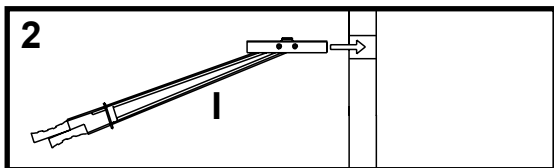
- Drywall must be 1/2" or thicker.
- Make sure that the wall will safely support the combined load of the equipment and all attached hardware and components.

**1** Using lock down plate (A) as a template mark the center of the four mounting holes. Drill four 1/2" holes through drywall. **NOTE:** It may be necessary to drill 5/32" pilot holes prior to drilling 1/2" holes. Install togglers (I) as shown in figure 1.3. Loosely fasten lock down plate (A) to wall using four 1/4-20 x 1.5" screws (D) using 4 mm allen wrench (H) as shown in figure 1.4. Level, hold, and then tighten all screws.

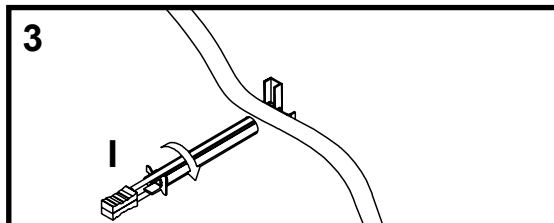
fig. 1.3



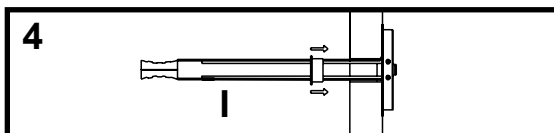
Pivot end of toggler (I).



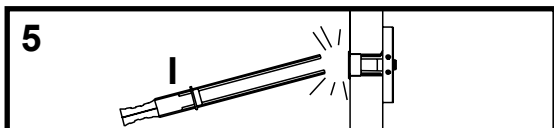
Push into hole.



Rotate toggler (I) clockwise to wedge it against inside walls.



Slide plastic cap forward while pulling back firmly on ring.



Break off excess.

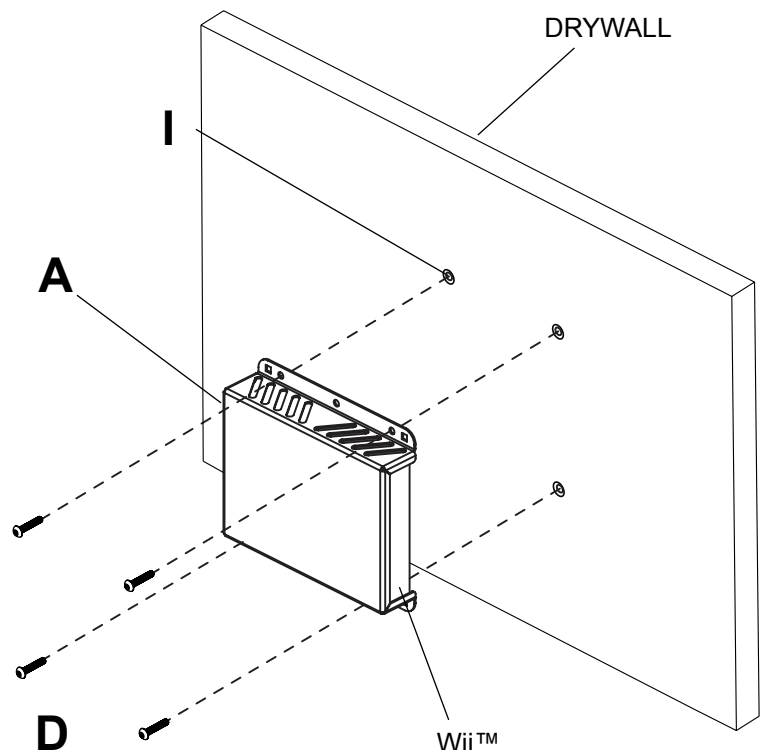


Figure. 1.4

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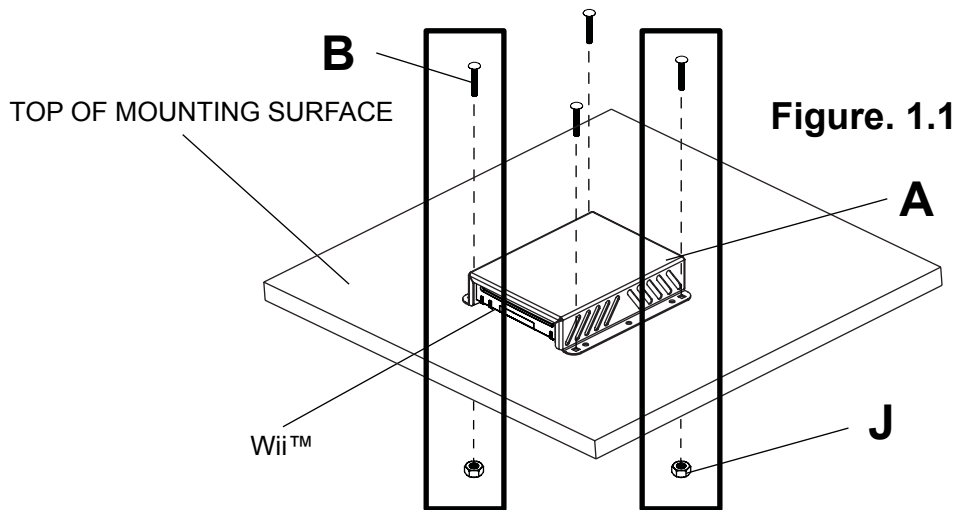
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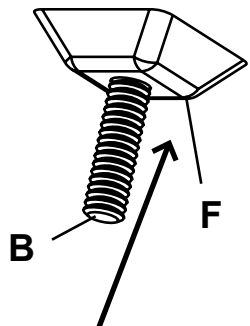
## Desktop Mounting Surface Lock down Installation

- 1** Place lock down plate (A) onto mounting surface as a template. Level, and mark the center of four rectangular mounting holes. Drill four 5/16" (8 mm) dia. holes through desktop mounting surface. Secure using four carriage bolts (B) through lock down plate (A) and mounting surface as shown in figure 1.1. Secure two 1/4-20 x 1 3/4" carriage bolts (B) using two 1/4-20 nylock nuts (J) in corners as shown in figure 1.1. Using remaining 1/4-20 x 1 3/4" carriage bolts (B), hand tighten slope nut (F) through 1/4-20 x 1 3/4" carriage bolt (B) until snug against bottom of desktop surface as shown in figure detail 1 Thread another slope nut (F) upside-down, about two turns from first slope nut (F) as shown in detail 2. Insert a open box wrench between both slope nuts (F) and tighten as shown in detail 3.

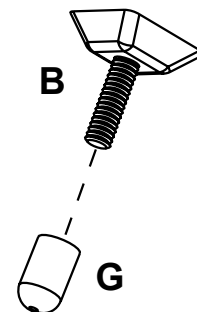
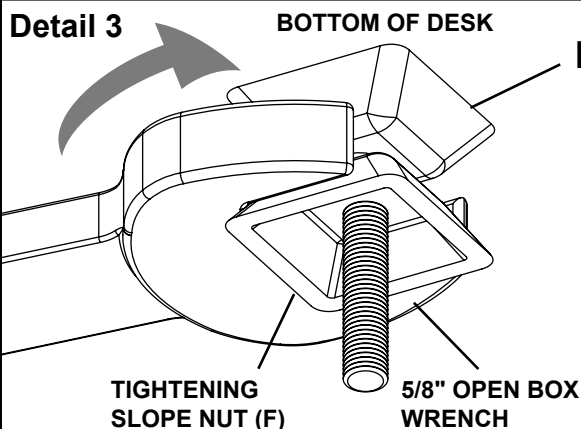
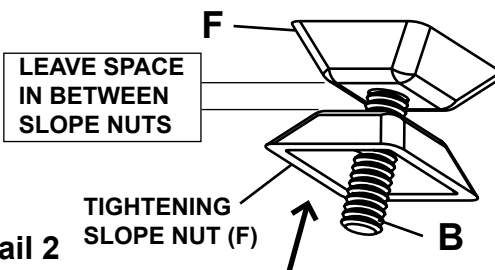
**NOTE:** Avoid jamming both slope nuts (F) together, doing so may make it difficult to remove slope nut used for tightening first slope nut (F) as shown in figure 1.3. After slope nut is secure remove bottom slope nut and add plastic cap (G) as shown in figure 1.2. Repeat with remaining 1/4-20 x 1 3/4" carriage bolt (B).



**Detail 1**  
BOTTOM OF DESK



**NOTE:** Avoid jamming both slope nuts (G) together, doing so may make it difficult to remove slope nut used for tightening.  
After slope nut is secure remove bottom slope nut.



**FIG 1.2**