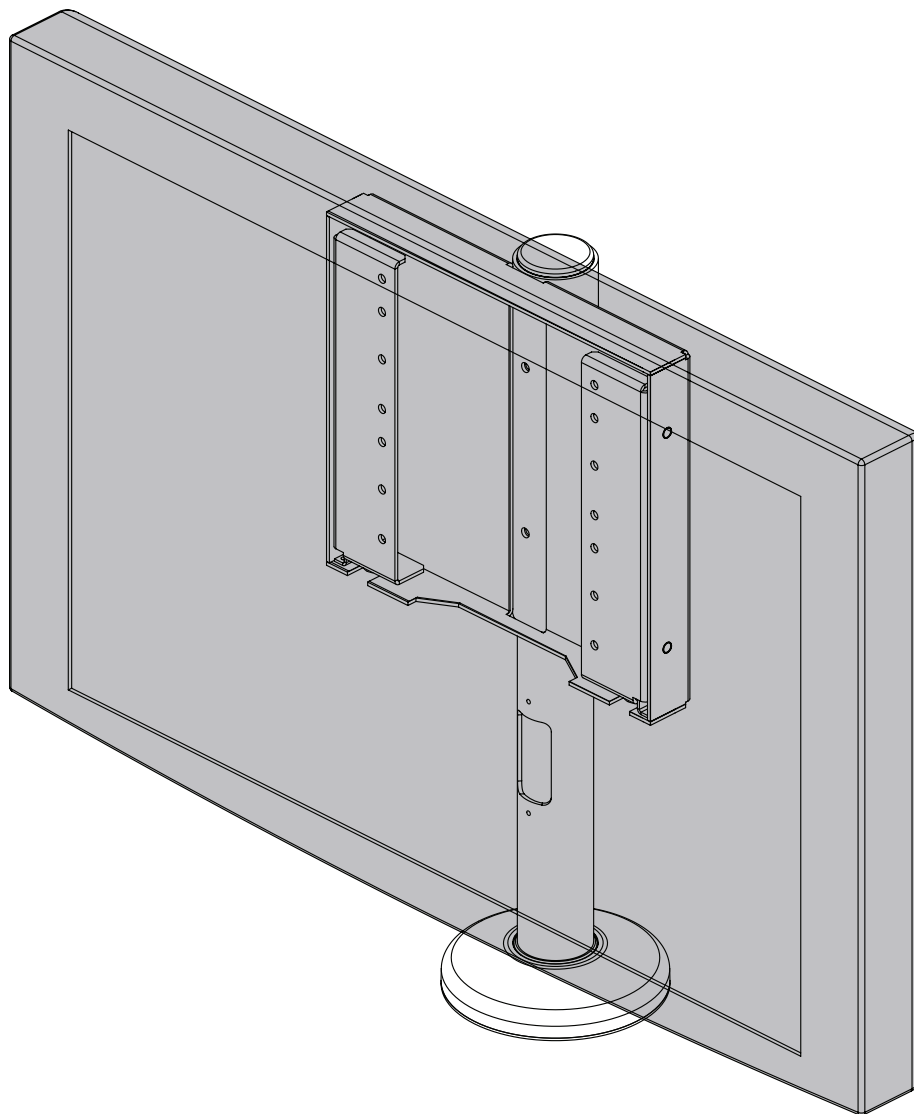# peerless-AV®

Installation and Assembly:
Desktop Swivel Mount with Cam Locks for VESA 200 x 200 and VESA 200 x 100 Displays

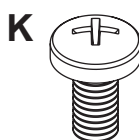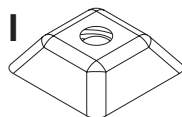**Model:** HP437-C# (52-63)

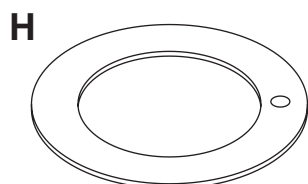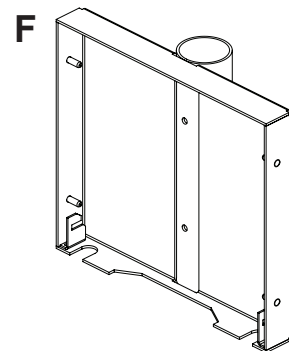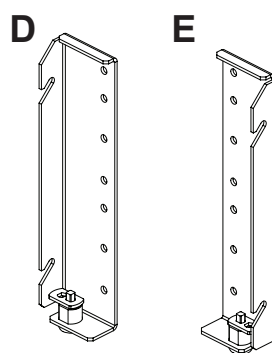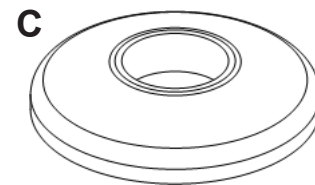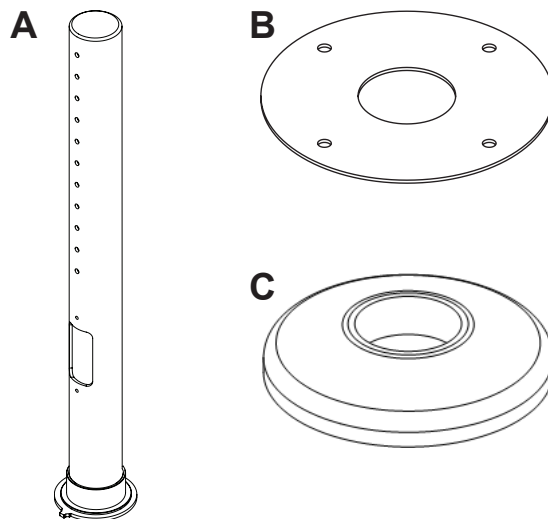**Maximum Load Capacity: 80 lb (36.3 kg)**

NOTE: Read instruction sheet before you start installation and assembly.

Before you begin, make sure all parts shown are included with your product.
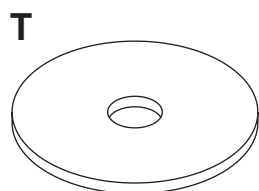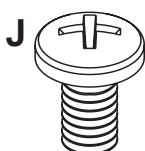
Parts List

	Description	Qty.	Part#
A	support tube	1	090-1783-1
B	base backer plate	1	090-1544
C	swivel base	1	090-1821
D	right bracket	1	See Chart on Page 3
E	left bracket	1	See Chart on Page 3
F	adapter bracket box	1	090-1913
G	#8 washer	4	540-1001
H	thrust washer	1	590-1287
I	slope nuts	3	530-0035
J	1/4-20 x 1/2" phillips screw	2	510-9108
K	M6 x 12 mm phillips screw	4	520-1128
L	M4 x 12 mm phillips screw	4	504-9013
M	10-32 x 1/2" set screw	2	520-1614
N	1/4-20 x 1.5" threaded rod	4	520-2250
O	1/4-20 x 3" threaded rod	4	520-2585
P	flanged lock nut	4	530-2021
R	loc-tite 271 thread lock adhesive (not shown)	1	570-0040
T	fender washer	4	540-1008
U	1/4" split washer	2	540-9402

A B C D E F

H I K M N O

J P G

L T

U

Tools Needed for Assembly
- drill
- 17/64" drill bit
- phillips screwdriver
- 3/32" allen wrench
- 5/16" box wrench
- 5 mm allen wrench
- hole saw

Chart

		Description	Qty.	Part#
HP437-C52	**D**	right vertical bracket	1	091-1111
	E	left vertical bracket	1	091-1112
HP437-C53	**D**	right vertical bracket	1	091-1113
	E	left vertical bracket	1	091-1114
HP437-C54	**D**	right vertical bracket	1	091-1115
	E	left vertical bracket	1	091-1116
HP437-C55	**D**	right vertical bracket	1	091-1117
	E	left vertical bracket	1	091-1118
HP437-C56	**D**	right vertical bracket	1	091-1119
	E	left vertical bracket	1	091-1120
HP437-C57	**D**	right vertical bracket	1	091-1121
	E	left vertical bracket	1	091-1122
HP437-C58	**D**	right vertical bracket	1	091-1123
	E	left vertical bracket	1	091-1124
HP437-C59	**D**	right vertical bracket	1	091-1125
	E	left vertical bracket	1	091-1126
HP437-C60	**D**	right vertical bracket	1	091-1127
	E	left vertical bracket	1	091-1128
HP437-C61	**D**	right vertical bracket	1	091-1129
	E	left vertical bracket	1	091-1130
HP437-C62	**D**	right vertical bracket	1	091-1131
	E	left vertical bracket	1	091-1132
HP437-C63	**D**	right vertical bracket	1	091-1133
	E	left vertical bracket	1	091-1134

Visit the Peerless Web Site at www.peerless-av.com

For customer care call 1-800 865-2112

1 Use base backer plate (**B**) as a template to mark location of holes. Drill four holes using a 17/64" drill bit in a square formation. In the center of the square formation drill a 2" to 3" cable management hole.
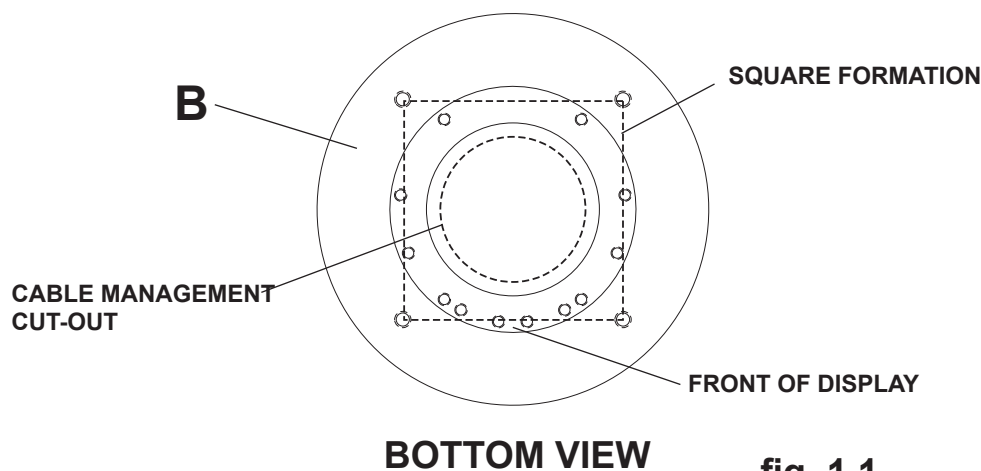
B

SQUARE FORMATION

CABLE MANAGEMENT
CUT-OUT

FRONT OF DISPLAY

BOTTOM VIEW

fig. 1.1

⚠ WARNING

• Wooden mounting surface requires a minimum of 3/4" thickness to hold display securely

2 If the desk thickness is 3/4" use 1/4-20 x 1.5" threaded rods (**N**). If the desk thickness is between 3/4" to 2-1/4" use 1/4-20 x 3" threaded rods (**O**). Turn base (**C**) upside down and insert four threaded rods (**N** or **O**) into base (**C**), as shown below.

NOTE: Threaded rods must fasten a minimum of three turns.

NOTE: If enhanced security is desired, use three drops of loc-tite 271 thread lock adhesive (**R**) along 1/4" at the end of each threaded rod. Insert adhesive end of threaded rods (**N** or **O**) into bottom of base (**C**).
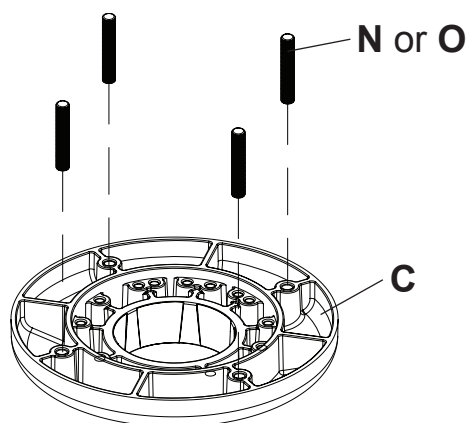
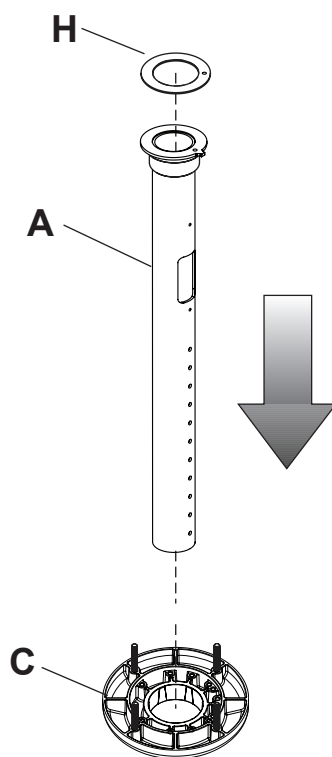**3** Turn base (**C**) upside down insert support tube (**A**), and thrust washer (**H**) as shown below.

H

A

C

N or **O**

C

fig. 2.1

fig. 3.1

ISSUED: 12-13-2013 SHEET #: 125-9086-9

Visit the Peerless Web Site at www.peerless-av.com

For customer care call 1-800 865-2112

Swivel Restriction

4 Refer to fig. 4.1 and 4.2, select the desired swivel degree. Using a 3/32" allen wrench, fasten two set screws (**M**) where indicated below to the outside of desired angle in steel base (**C**).
NOTE: Set screws (**M**) must be bottomed out into base.

fig. 4.1

fig. 4.2

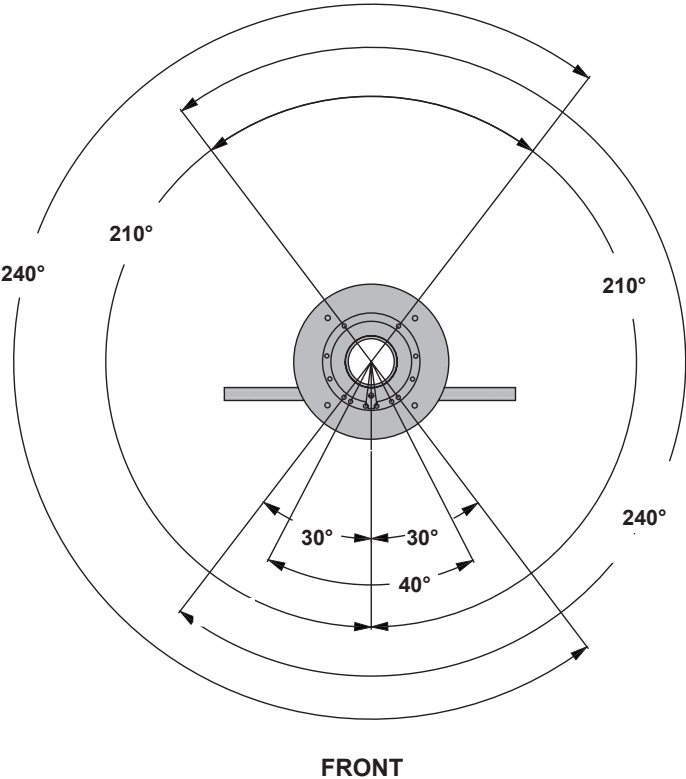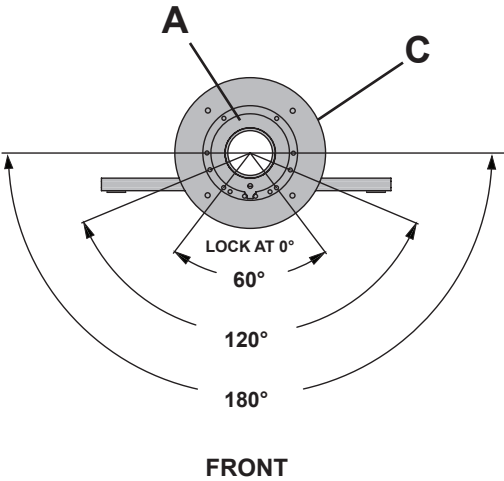## Mounting to Support Surface

⚠ WARNING
• Make sure that the supporting surface will safely support the combined load of the equipment and all attached hardware and components

CAUTION
• Installations to desktops that have a gap between two supporting boards are not acceptable mounting surfaces for the HP line of desktop swivel mounts.

Mounting using Non-Security

5 Line up backer plate (**B**) with threaded rods (**N or O**).

NOTE: Washer (**H**) must be centered.
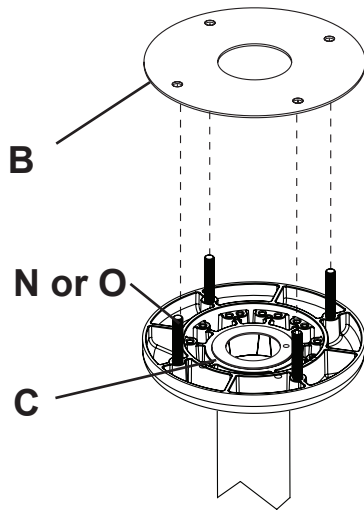
B

N or O

C

fig. 5.1

6 Using four fender washers (**T**) and four lock nuts (**P**) tighten in numbered pattern as shown in Figure 6.1. At minimum 1/4 - 20 locknuts (**P**) should be flush with bottom of threaded rods (**N or**   ).

Line up base assembly (step 5), through supporting surface with pattern of base (**C**) facing the front as shown in Detail 1.
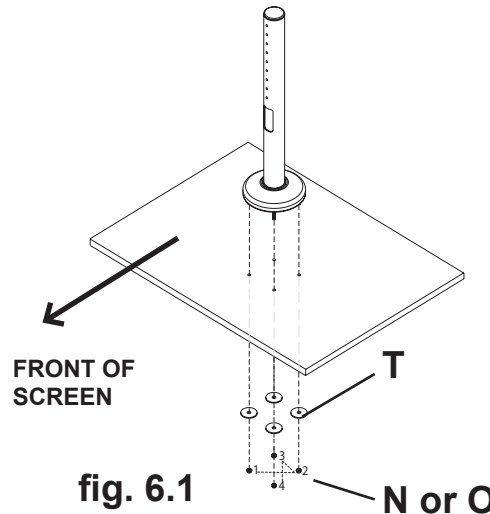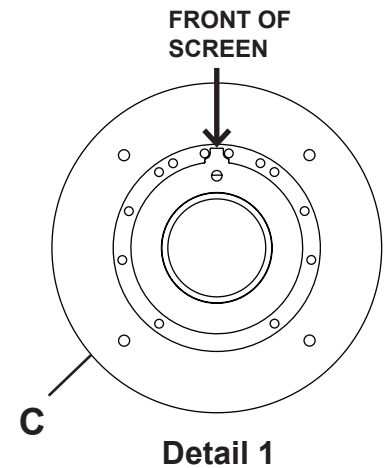
FRONT OF SCREEN

T

FRONT OF SCREEN
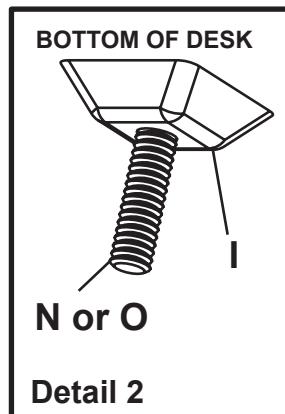
fig. 6.1

N or O

FRONT OF SCREEN

C

Detail 1

Mounting using Security Slope Nuts (Optional)

7 For added security replace two of the washers and locknuts with slope nuts.
Hand tighten slope nuts (**I**) onto two of the thread rods (**M**) till snug against bottom of table as shown in Detail 2.
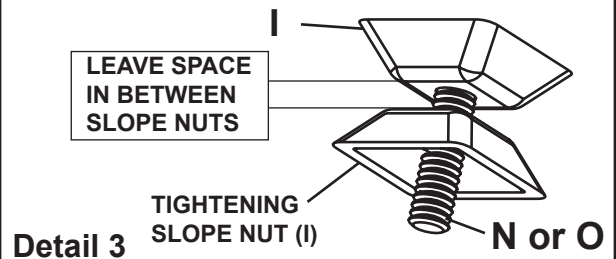
Thread another slope nut (**I**) upside-down, about two turns from first slope nut (**I**) as shown in Detail 3.

Insert a 5/8" open box wrench between both slope nuts (**I**) and tighten as shown in detail 4.
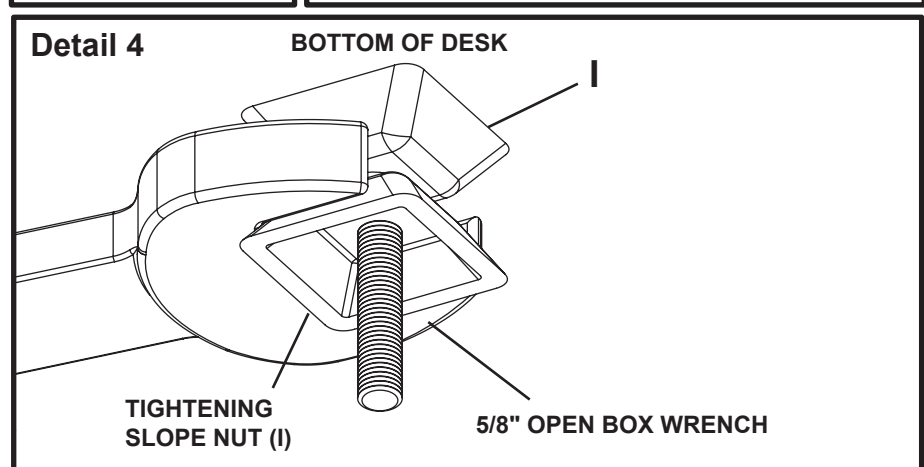
BOTTOM OF DESK

I

N or O

Detail 2

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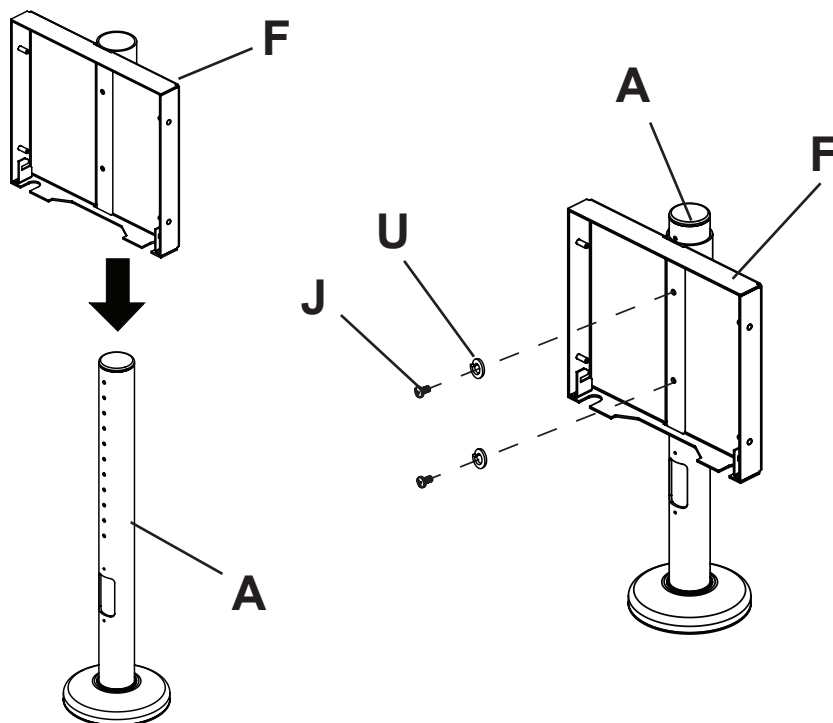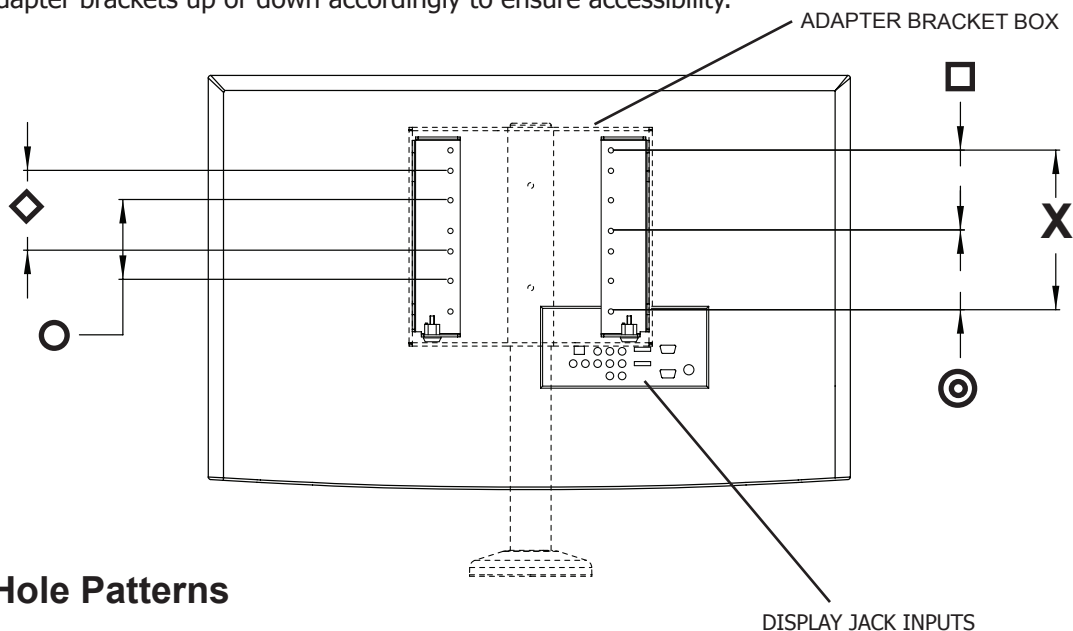After slope nut is secure remove bottom slope nut.

I

LEAVE SPACE IN BETWEEN SLOPE NUTS

TIGHTENING SLOPE NUT (I)

N or O

Detail 3

Detail 4

BOTTOM OF DESK

I

TIGHTENING SLOPE NUT (I)

5/8" OPEN BOX WRENCH

8 Attach adapter bracket box (**F**) to support tube (**A**) with two 1/4-20 x 1/2" phillips screw (**J**) and 1/4" split washer (**U**) as shown in fig 7.1.

9 Select desired mounting pattern from list below.
NOTE: Make sure that jack inputs on the back of the display are not covered by the adapter bracket box. Move the vertical adapter brackets up or down accordingly to ensure accessibility.
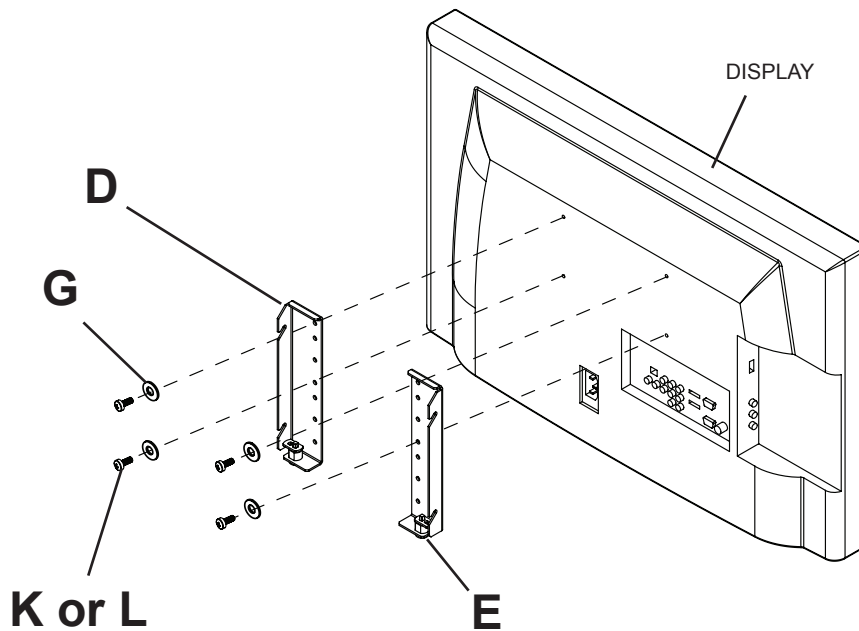
ADAPTER BRACKET BOX

DISPLAY JACK INPUTS

Mounting Hole Patterns

☐ 200 x 100 mounting pattern. Use four M4 x 12 mm phillips screws

◇ 200 x 100 mounting pattern. Use four M4 x 12 mm phillips screws

○ 200 x 100 mounting pattern. Use four M4 x 12 mm phillips screws

◉ 200 x 100 mounting pattern. Use four M4 x 12 mm phillips screws

X 200 x 200 mounting pattern. Use four M6 x 12 mm phillips screws

ISSUED: 12-13-2013 SHEET #: 125-9086-9

Visit the Peerless Web Site at www.peerless-av.com
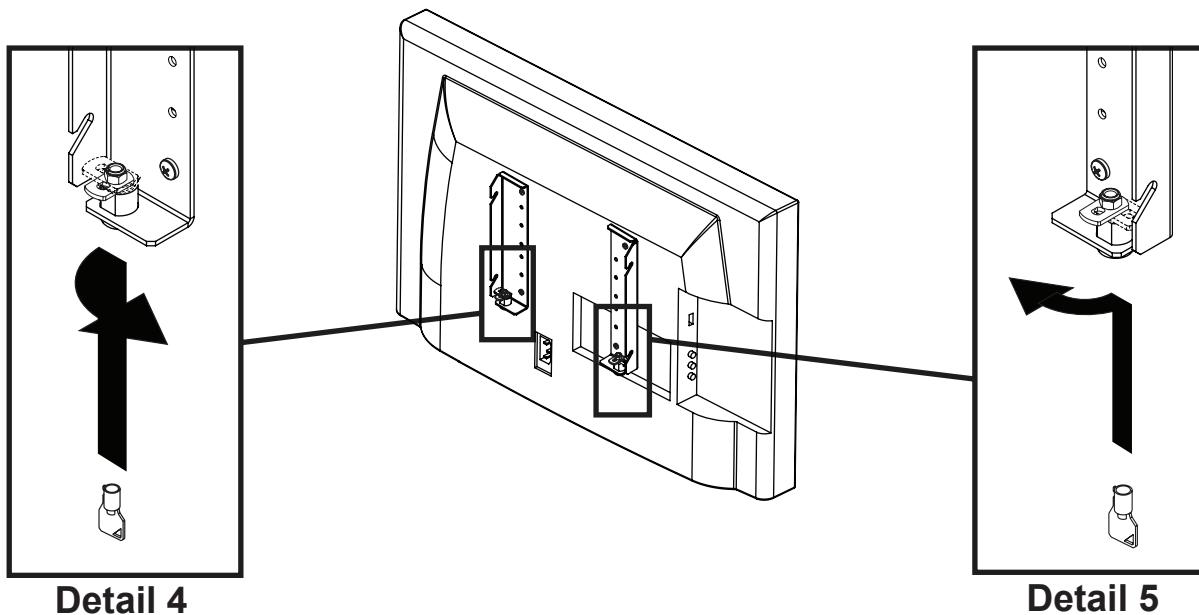
For customer care call 1-800 865-2112

10 Secure right and left vertical brackets (**D** and **E**) to display using four M4 x 12 mm phillips screws (**K**) and #8 washers (**G**) or four M6 x 12 mm phillips screws (**L**).

DISPLAY

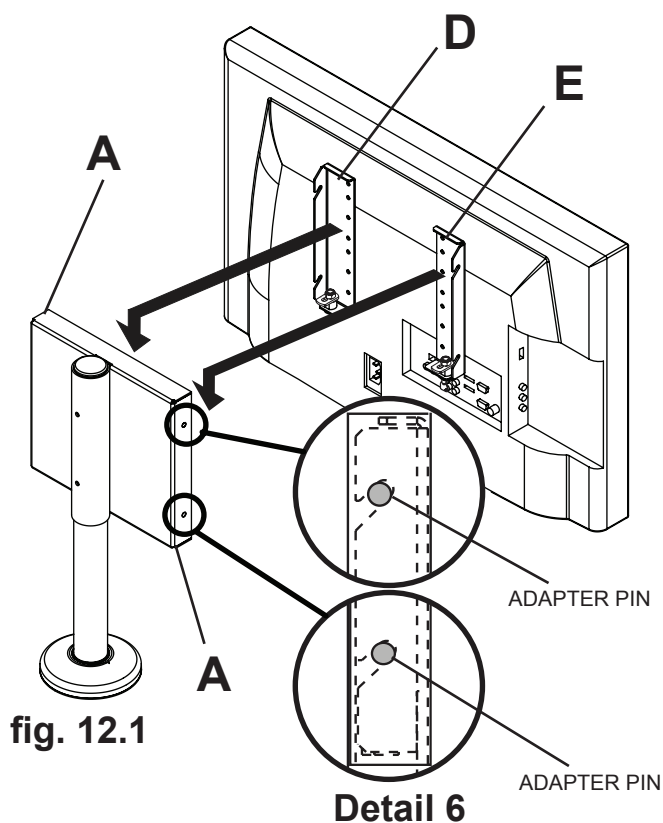**D**

G

K or L

E

11 **NOTE:** To complete the installation, two keys for the cam locks must be obtained from the General Manager or Purchaser/Receiver of the mounting product. The display and mount installation cannot be completed without these two keys. Be sure to return the keys to the General Manager or responsible party upon completion of the installation. Only a limited number of keys is supplied per installation location.

Insert the keys into the bottom of the locks and rotate to the unlocked position as shown in Detail 4 and 5. Note that the keys are NOT removable in the open position.

Detail 4

Detail 5

12 **NOTE: Locks must be in the open or unlocked position to continue installation.**
Hook vertical brackets (**D** and **E**) into adapter bracket box (**A**) engaging adapter pins as shown in fig. 5.1 and detail 6. Rotate keys to locked position and remove keys as shown in figure 5.2. Return the keys to the General Manager or responsible party immediately after installation is complete.

NOTE: Run cables from the jack inputs and power location through the cable management hole in the support tube and down through the desktop surface.

D

E

A

ADAPTER PIN

A

fig. 12.1

ADAPTER PIN

Detail 6

MOUNTING SURFACE
NOT SHOWN FOR CLARITY

fig. 12.2