NOVA®

The Natural Solution™

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Flat Panel Display Arm
Retrofit Kit
Assembly Instructions

Model
50090190

28"

Includes
Flat panel display arm,
keyboard drawer,
visor, glass &
trim ring

The arm ships with two VESA plates. Determine the one you need by holding VESA plates up to the attachment holes on the back of the monitor. Select the one where all four holes line up with the VESA plate holes.

Step 1.

Cut opening for viewport. (Figure 1A). Prepare surface for keyboard drawer (Figure 1B).

Step 2.

Using the desk bracket (B) as a template, locate and drill bracket holes (Figure 1A). Note drill size and hole depth.
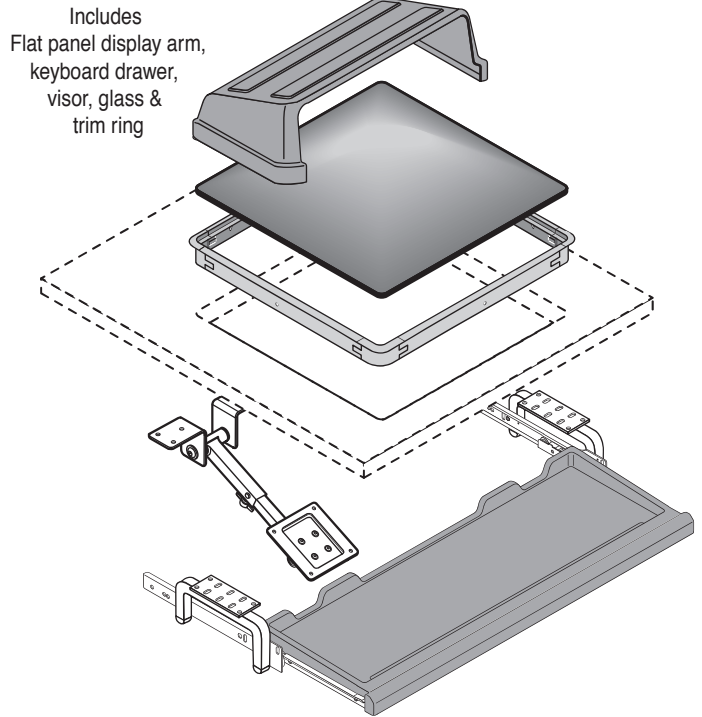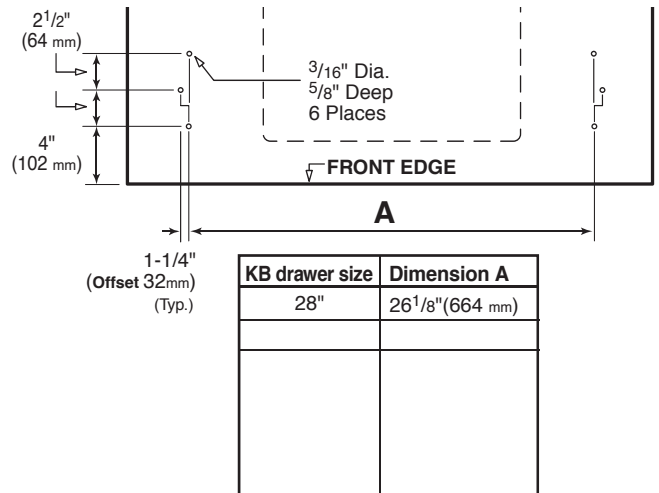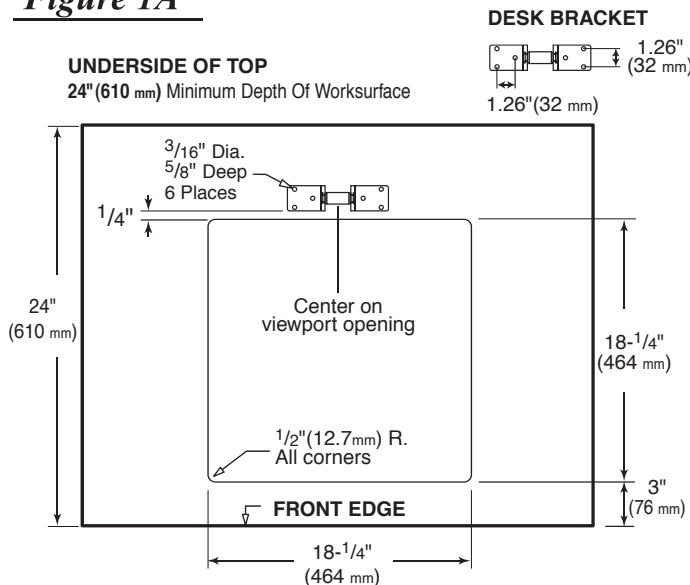
Figure 1A

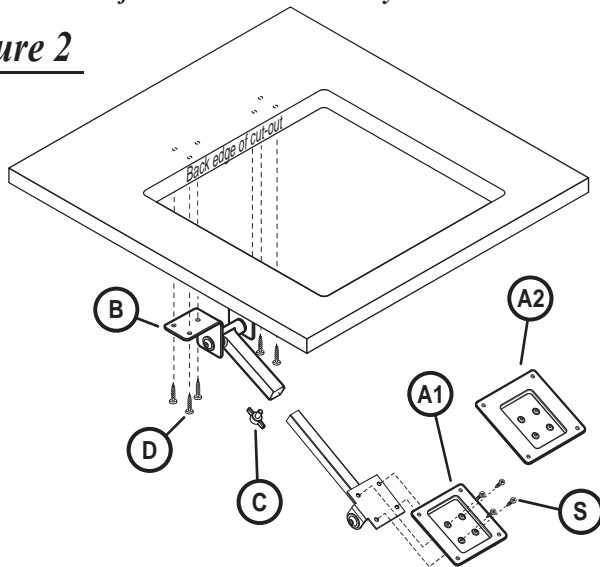**UNDERSIDE OF TOP**
24" (610 mm) Minimum Depth Of Worksurface

$^3/_{16}$" Dia.
$^5/_8$" Deep
6 Places

1/4"

24"
(610 mm)

Center on
viewport opening

18-$^1/_4$"
(464 mm)

$^1/_2$"(12.7mm) R.
All corners

FRONT EDGE

3"
(76 mm)

18-$^1/_4$"
(464 mm)

DESK BRACKET

1.26"
(32 mm)

1.26"(32 mm)

Figure 1B

2$^1/_2$"
(64 mm)

$^3/_{16}$" Dia.
$^5/_8$" Deep
6 Places

4"
(102 mm)

FRONT EDGE

A

1-1/4"
(**Offset** 32mm)
(Typ.)

KB drawer size	Dimension A
28"	26$^1/_8$"(664 mm)

PACKING LIST

QTY	REF #	ITEM #	DESCRIPTION
1	A1		75 mm *VESA plate
1	A2		100 mm *VESA plate
1	B		Desk bracket
1	C		Wing nut
10	D		Screw, #14 x 3/4"
4	E		Screw, 4mm
1	F		Keyboard hanger w/ glide - left
1	G		Keyboard hanger w/ glide - right
1	H		Keyboard drawer
1	J		Viewport glass
2	L		Screw - #14 x 1-1/2"
4	M		Security screw #6 x 5/8"
4	N		Trim ring corner
4	O		Trim ring straight
1	P		Visor
2	Q		Locking tab
4	S		Screw, 8-32 x 1/4"

*VESA 75/100 Standard

Step 3.

Align holes in desk mounting bracket (B) with holes in worksurface (Figure 2). Attach using screws (D).
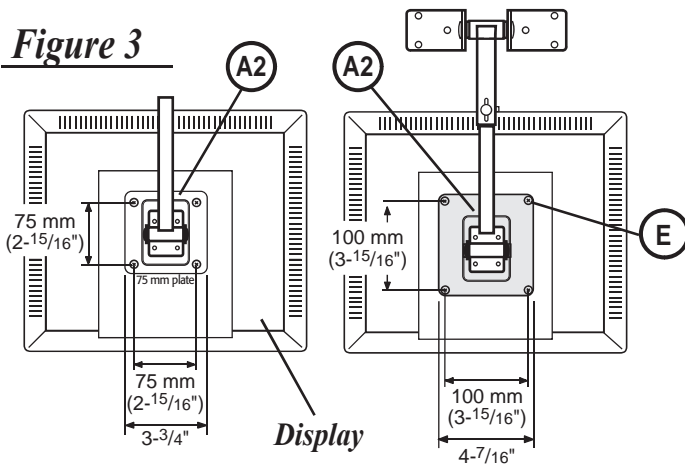*WARNING: Removing the set screws or oiling the joints could cause the FPD to fall and void the warranty.*
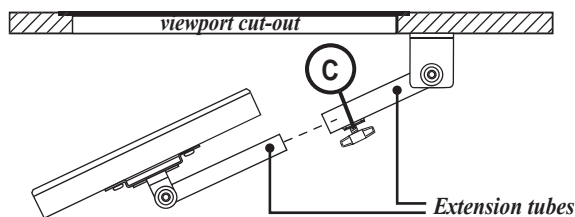
Figure 2

Step 4. Attach flat panel display to VESA plate

Remove flat panel display base. Attach flat panel display to VESA plate with screws (E, Figure 3). Depress silver spring pin on VESA plate extension tube and slide it into the desk mount extension tube. Tighten wing nut (C, Figure 4). See "Monitor Angle" for adjustment guidance. When installing some Apple® flat panel displays, a VESA Adapter (Model #50-8-4100) may be necessary. Contact Customer Support for more information.
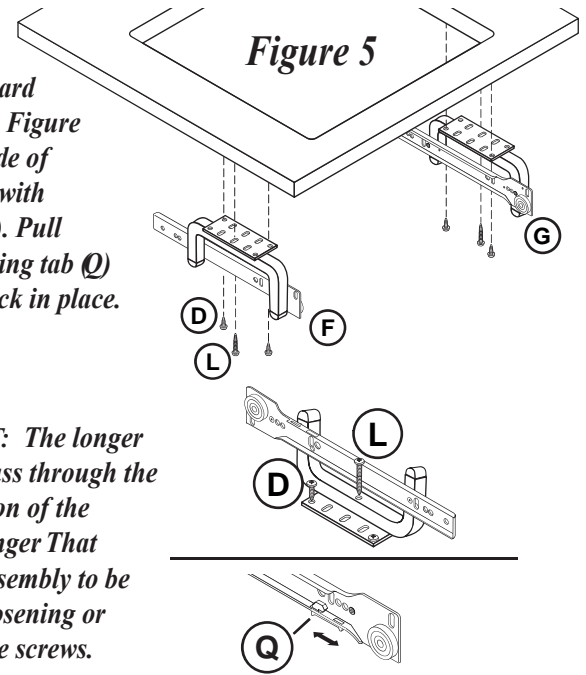
Figure 3

75 mm (2-15/16")
75 mm plate
75 mm (2-15/16")
3-3/4"
Display

100 mm (3-15/16")
100 mm (3-15/16")
4-7/16"

Figure 4

viewport cut-out

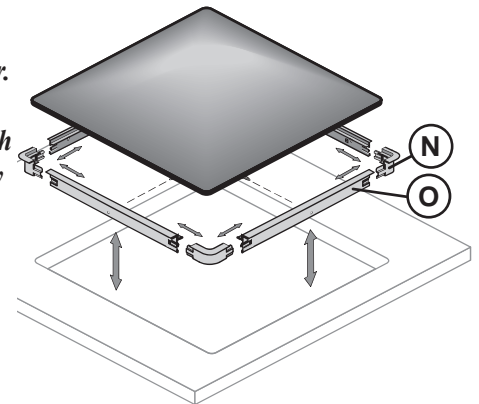Extension tubes

Step 5.

Figure 5

Attach keyboard hangers (F, G, Figure 5) to underside of worksurface with screws (D, E). Pull outward locking tab (Q) forward to lock in place.

IMPORTANT: The longer screws (L) pass through the tubular section of the keyboard hanger That allows the assembly to be leveled by loosening or tightening the screws.
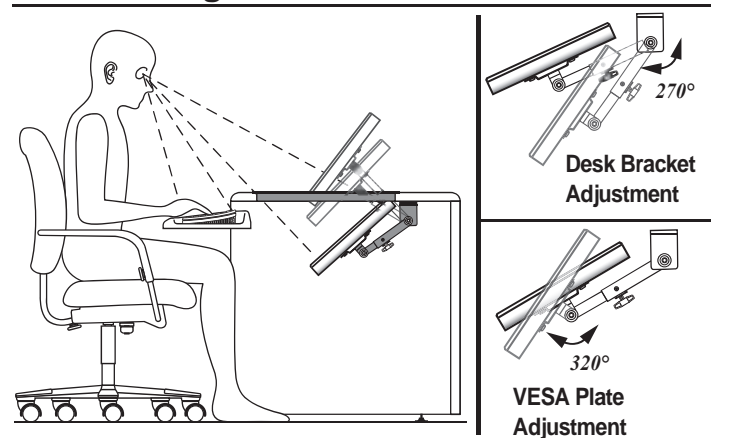
Step 6. Install trim ring & viewport glass

Snap trim ring pieces (N, O) together. Insert into viewport cutout and attach with screws (M). Carefully insert viewport glass into trim ring. Slide keyboard tray into glides

Monitor angle

270°
Desk Bracket Adjustment

320°
VESA Plate Adjustment

1. Locate screen as high as possible without raising glass.

2. Aim screen slightly above user's eyes. (Bottom of screen should be closer to eyes than top of screen)

3. Preferred location is with top edge of flat panel display at back edge of glass.

4. For semi-recessed positions, remove viewport glass and raise flat panel display.