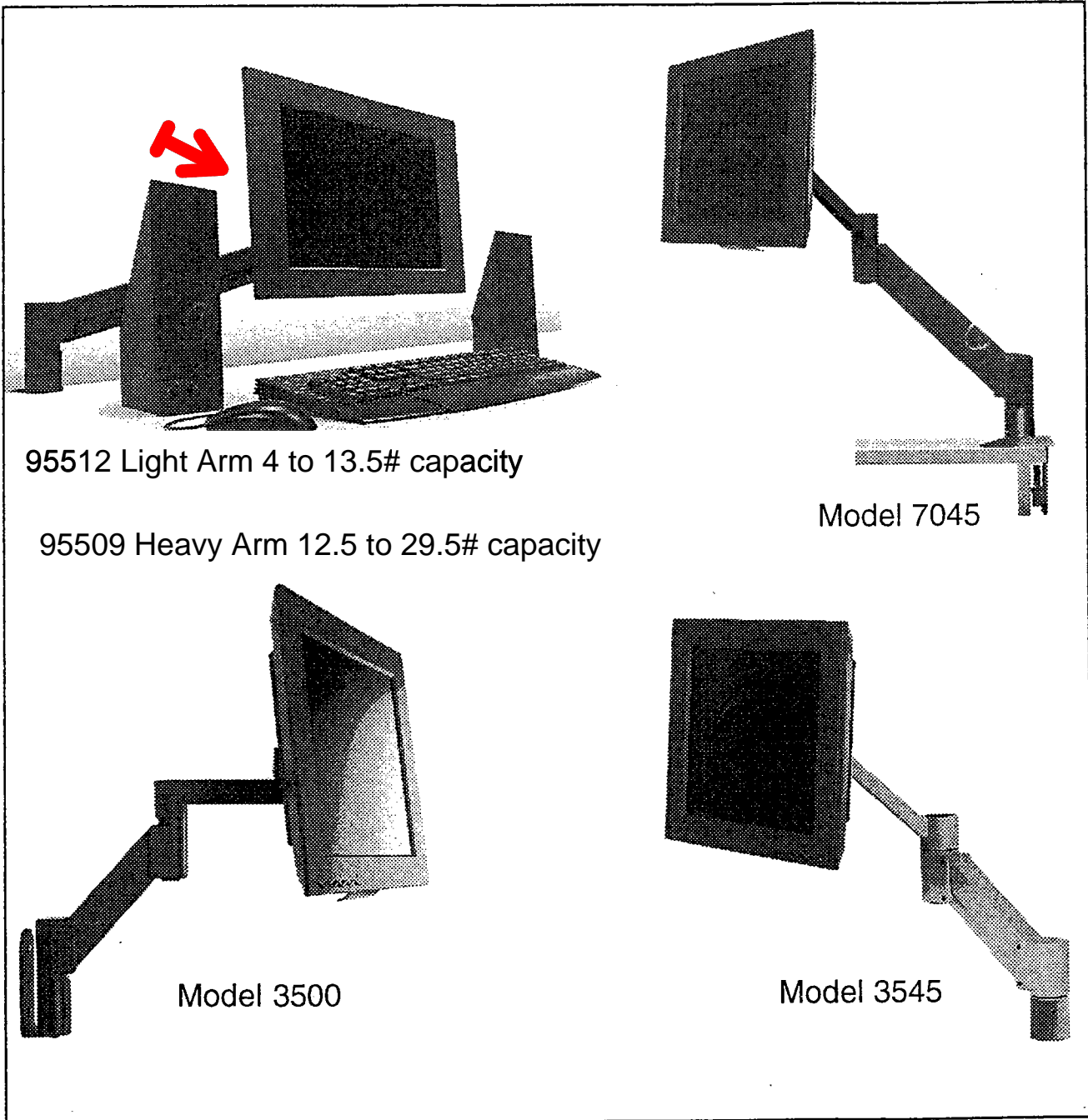


# 95509 & 95512

## Radial Arm Instruction Book



**Touchboards**

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IOP-501288 Rev. 2-1/03


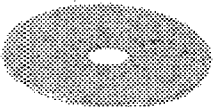
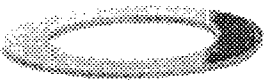

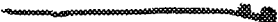





# Table of Contents

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Arm Assembly Hardware Parts List .....	Page 2
Arm Assembly Instructions .....	Page 3
Adjusting your Arm .....	Page 4
Cable Management .....	Page 6
Flex Mount Hardware Parts List .....	Page 7
Mounting Configurations .....	Page 8
Special Mounting Scenarios .....	Page 11
Additional Products .....	Page 12

\*These instructions are applicable for Models 3500, 3545, 7000 and 7045; all which include the Universal Flex Mounting kit.

\* Depending on computer components, you will not use all of the parts listed below.

Item	Description	Quantity
	10-32 x 3/8" Philips Pan Head Screw Part #: IOP-701155	1
	Tilter Washer Part #: IOP-701154	1
	Plastic Washer Part #: IOP-701151	1
	3/32" Allen Wrench Part #: IOP-700146	1
	Cable Tie Part #: IOP-701166	1
	M4-12 Philips Pan Head Screw Part #: IOP-701153	4
	10-32 x 3/8" Philips Flat Head Pan Screws Part #: IOP-701164	4
	7 1/2" Cable Cap Part #: IOP-101145	1
	7/32" Allen Wrench Part #: IOP-701127	1
	4" Velcro™ Pad Part #: IOP-101174	1

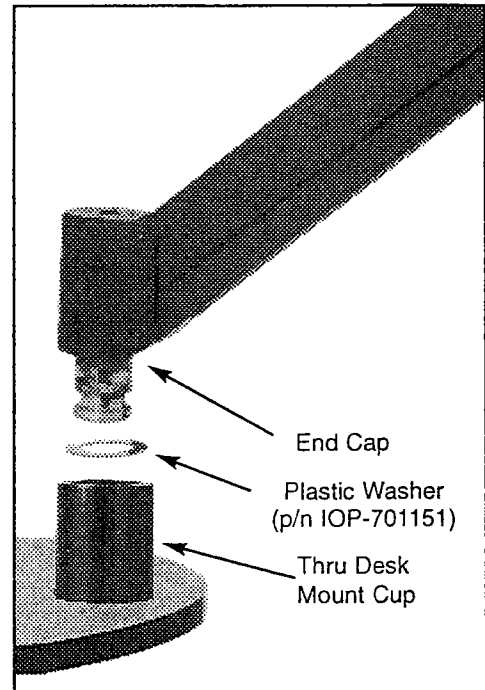
Your Radial Arm consists of 3 basic components and is quickly and easily assembled in 5 simple steps after the assembly of your *Flex Mount*.

**Before beginning the assembly of your arm, be sure to select a mounting configuration for the Flex Mount from the options beginning on Page 8.**

## Step 1:

Once the mount is securely fastened, insert the shaft of the arm into the mount cup. Make sure the plastic washer (p/n IOP-701151) is between the arm and the opening of the mount.

**Note:** The plastic washer (p/n IOP-701151) should already be on the end cap of the arm. If it is not, please contact our customer service department.



## Step 2:

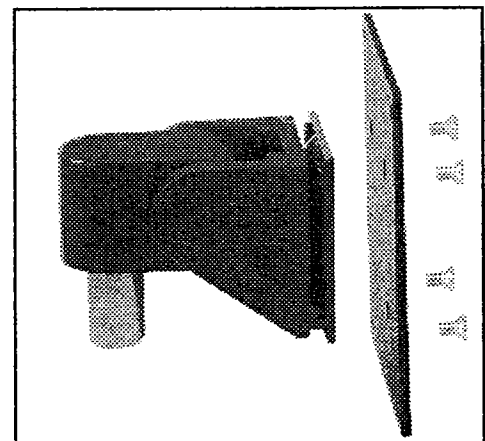
Carefully remove the base from the flat panel monitor. For removal instructions, see your Flat Panel User Guide.

## Step 3:

75MM and 100MM adapter plates have been provided. Line up the hole pattern of the brackets with the hole pattern on the back of the monitor to see which one you will need.

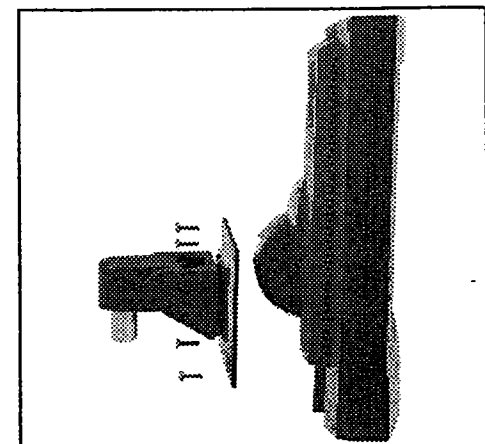
Attach the tilter mechanism to the adapter plate using four (4) #10-32 x 3/8" Flat Head Philips Pan screws (p/n IOP-701164).

**Note:** If neither of the brackets line up with your monitor, please contact our customer service department.



## Step 4:

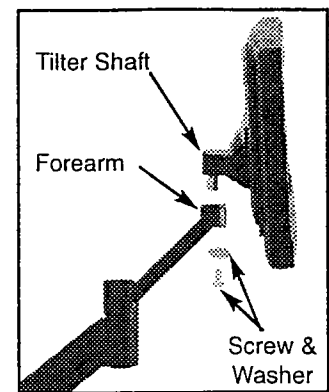
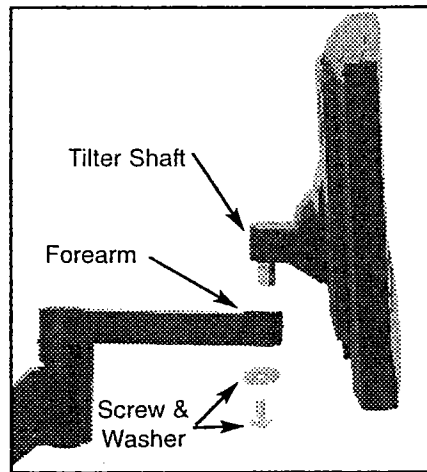
Line up the tilter and adapter plate with the hole pattern on the back of the flat panel monitor. Use the four (4) M4-12 Philips Pan Head screws (p/n IOP-701153) to attach the plate to the back of the flat panel monitor.



## Assembly Continued

### Step 5:

After securing the adapter to the flat panel, insert the shaft of the tilter into the forearm. Take the 10-32" Philips Pan Head screw (p/n IOP-701155) and washer (p/n IOP-701154) and fasten them into the hole.



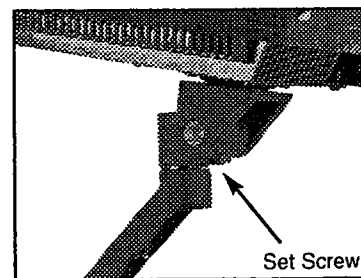
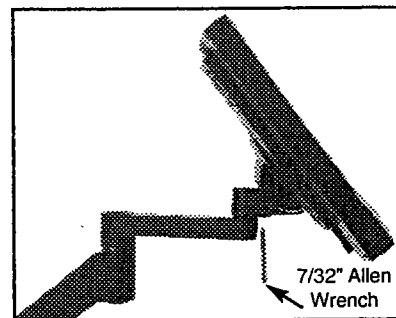
### Fine Tune Adjustments

In order to set the desired tilt friction make sure the monitor is secure to the tilter and the tilter has been completely inserted into the arm. ***The monitor MUST be on the arm and secured in the mount before making any adjustments.***

### Step 1:

Tilt the monitor so it faces up and locate the set screw under the tilter. To tighten friction, lightly turn the wrench to the right. To loosen, lightly turn the wrench to the left.

Insert the 7/32" allen wrench (p/n IOP-701127) into the set screw to adjust the tilt friction.

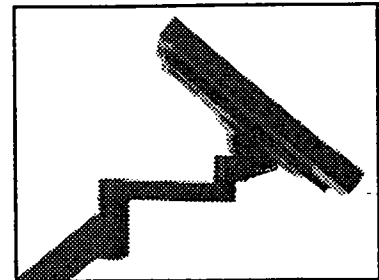
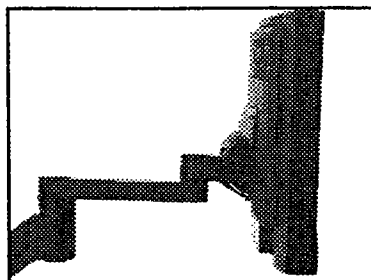
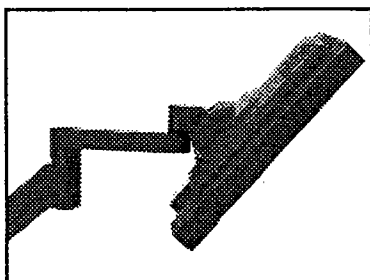


**NOTE: DO NOT OVER TIGHTEN.**



#### Tip:

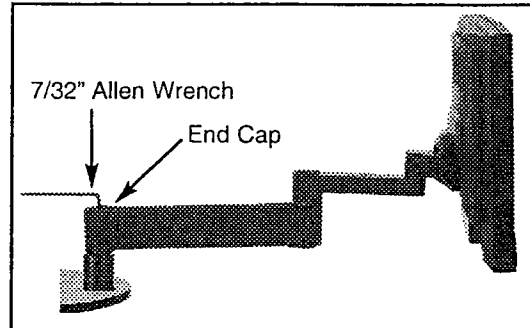
Tilt the flat panel up and down to test the tightness. Your monitor should move smoothly and stay in its desired position. If the tilt is too loose or tight then repeat the above step.



## Adjusting the Counter-Balance & Cable Management

It is important that the arm is held in a horizontal position before beginning the counter-balance adjustments.

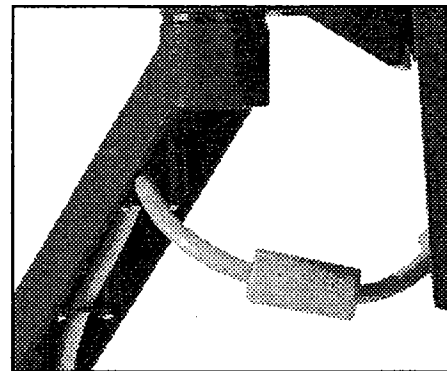
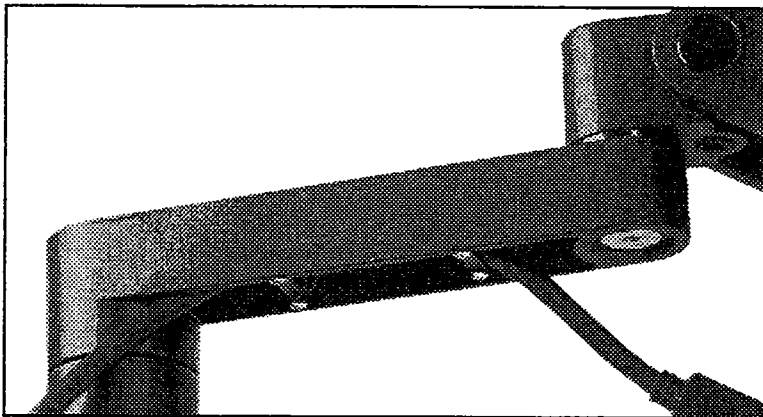
Use the 7/32" allen wrench (p/n IOP-701127) and insert into the top of the end cap. Turn the allen wrench counter clockwise (left) to strengthen and clockwise (right) to weaken the arm.



### Cable Management

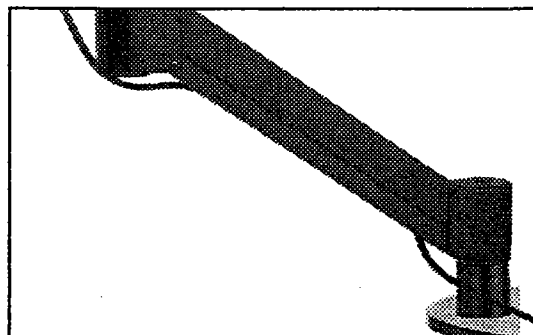
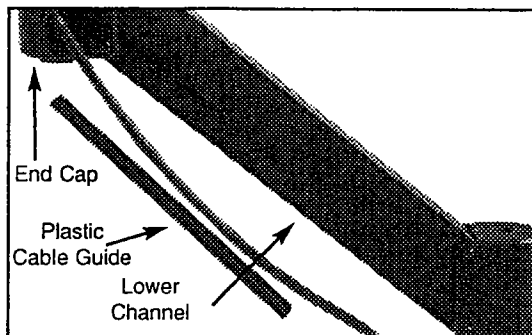
Be sure to leave enough slack for cables to loop around the elbow of the arm.

Loop cable from monitor into forearm. Move the metal clips over cable and hook them onto the screws. Tighten screws using Philips Head screwdriver.



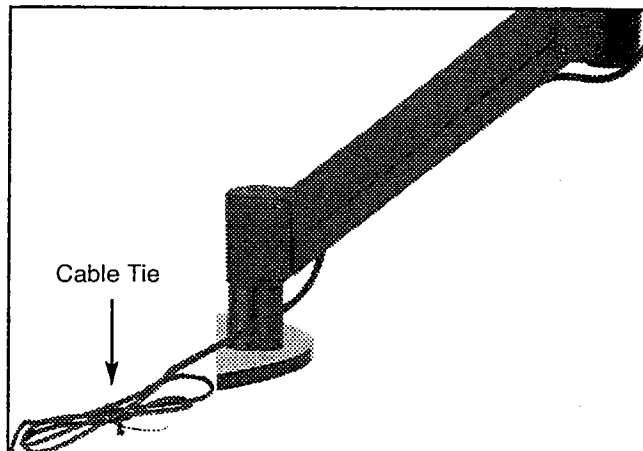
Guide the cable around the end cap to the underside of the arm while sliding the cable inside the slot of the lower channel of the arm. Once the slack of the cable is inserted, snap the plastic cable guide (p/n IOP-101145) into place.

Be sure to leave enough slack for cables to loop around the elbow of the arm.



## Cable Management Continued

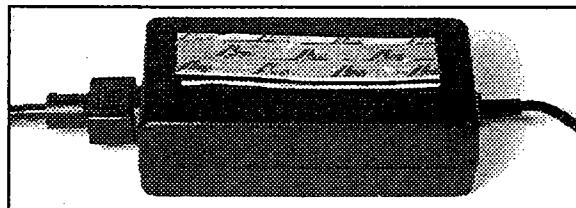
Straighten your cords and wrap them together with the included cable tie (p/n IOP-701166).



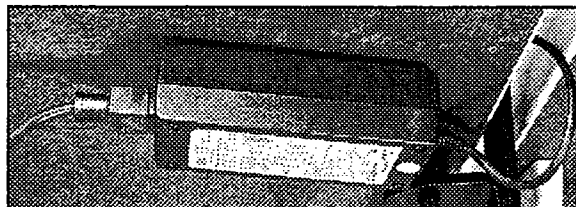
### Power Converter Storage

This keeps the power converter off the desk without applying tension to the power cord on the back of your LCD monitor.

Attach one side of the Velcro™ pad (IOP-101174) to one side of the converter surface.



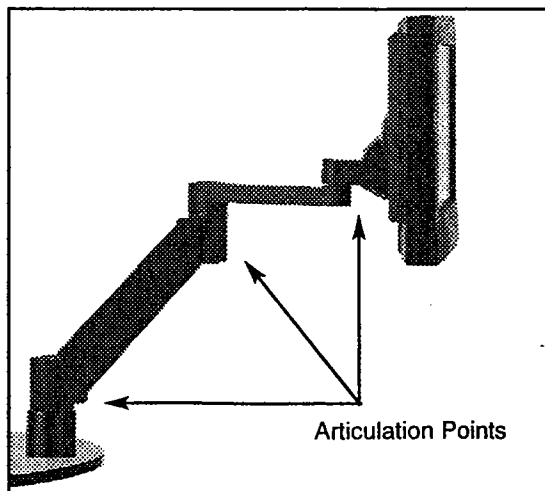
Attach the other side of the Velcro™ pad (IOP-101174) underneath the work surface.



### Final Adjustments

Now that the set up is complete, the arm may need to have some final adjustments made

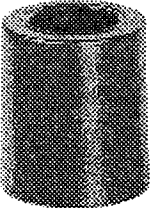

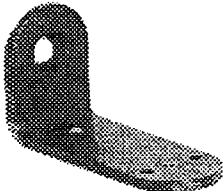
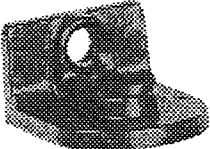









Use the 3/32 allen wrench (p/n IOP-700146) to tighten the friction joints found at the three articulation points until you get the right feel of how you would like your monitor to move.



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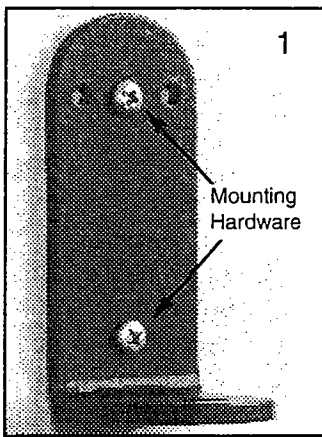
\* Depending on the mount style you choose, you will not use all of the parts listed below.

Item	Description	Quantity
	Casted Column Part #: IOP-401328	1
	Base Plate Part #: IOP-401417	1
	Large "L" Bracket Part #: IOP-701117	1
	Casted Small "L" Bracket Part #: IOP-701116	1
	3" x 3/4" x 1/4" Rectangular Spacer Part #: IOP-701544	1
	3/8-16 x 7/8" Flat Head Socket Cap Screw Part #: IOP-701799	1
	3/8-16 x 7/8" Button Head Socket Cap Screw Part #: IOP-701122	1
	3/8-16 Nylon Stop Nut Part #: IOP-701418	1
	3/8-16 x 1" Flat Head Socket Cap Screw Part #: IOP-701124	1
	1/2-13 x 3" Socket Set Screw Part #: IOP-701126	1
	3/8-16 x 2 1/2" Hex Head Bolt Part #: IOP-700268	1
	7/32" Long Allen Wrench Part #: IOP-701127	1
	Foam Pad Part #: IOP-701120	1

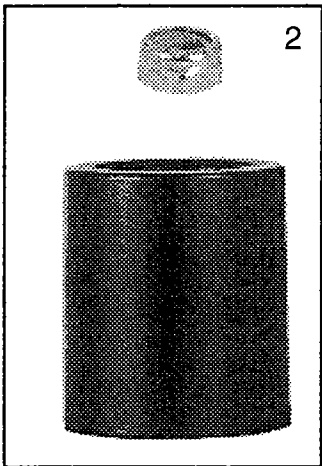


The flex mount can be installed in the following configurations.

## Wall Mount:

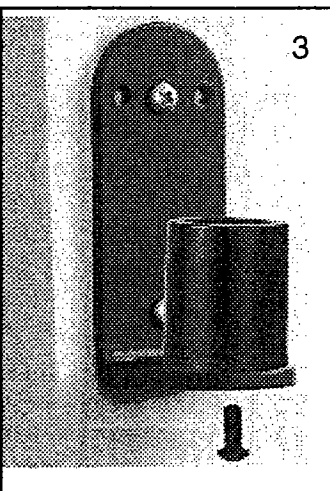


**Step 1:**  
Secure the large "L" bracket to a stud in your wall using wood screws.  
**Mounting Hardware is not provided.**



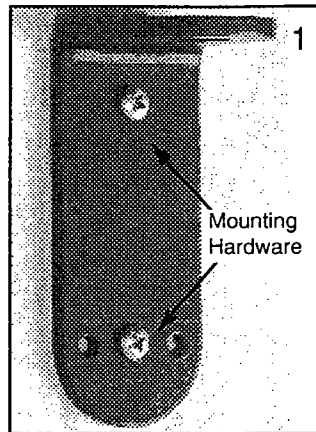
**Step 2:**  
Drop the nylon stop nut into the impression on the inside of the casted mount cup. The rounded top of the nylon stop nut should be facing upward.

(TIP: Use your finger to hold the stop nut in place.)

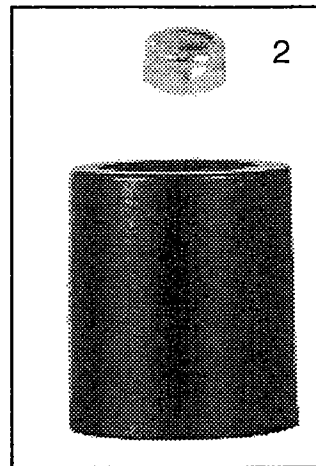


**Step 3:**  
Align the mount cup over the short end of the large "L" bracket so you can screw the two components together using the 3/8-16 x 7/8" Button Head Socket Cap screw and tighten using the 7/32" allen wrench. The mount is secure when the 3/8" screw no longer turns.

## Reverse Wall Mount:

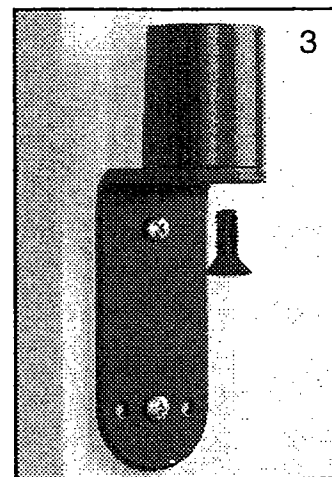


**Step 1:**  
Secure the large "L" bracket to a stud in your wall using wood screws. Be sure the short side of the "L" bracket is on top. (Unlike the standard wall mount).  
**Mounting Hardware is not provided.**



**Step 2:**  
Drop the nylon stop nut into the impression on the inside of the casted mount cup. The rounded top of the nylon stop nut should be facing upward.

(TIP: Use your finger to hold the stop nut in place.)

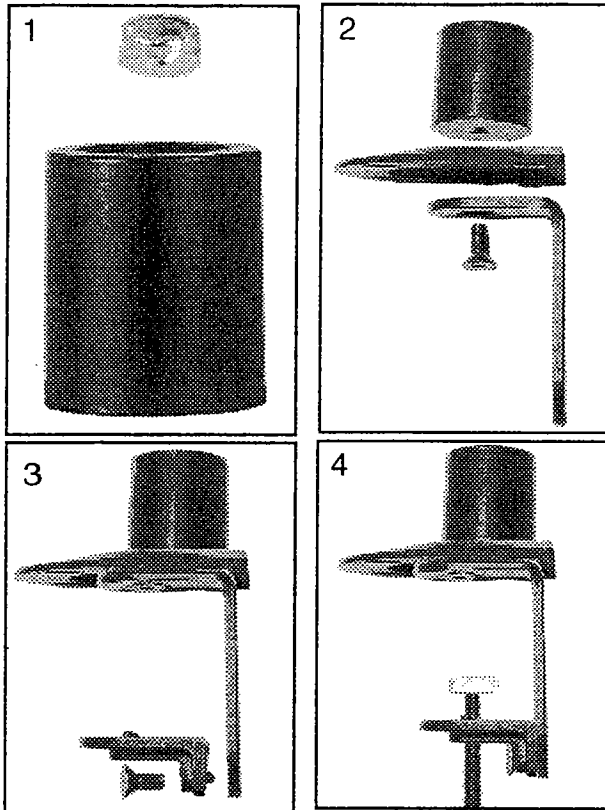


**Step 3:**  
Align the mount cup over the short end of the large "L" bracket so you can screw the two components together using the 3/8-16 x 1" Flat Head Socket Cap Screw ; tighten with the 7/32" allen wrench.

The mount is not secure until it can no longer rotate on the large "L" bracket.

The flex mount can be installed in the following configurations.

## Desk Edge Clamp Mount:



### Step 1:

Drop the nylon stop nut into the impression on the inside of the metal mount column. The rounded top of the nylon stop nut should be facing upwards.

### Step 2:

Position the mount cup, base plate and the large "L" bracket so that the center holes are aligned as shown in the example.

To screw the three parts together use the 3/8-16 x 1" flat head socket cap screw and the 7/32" allen wrench. Insert the 3/8-16 x 1" screw through the counter sunk hole in the large "L" bracket so that it engages the nylon stop nut. Tighten with the 7/32" allen wrench. The assembly is secure when the 3/8" screw no longer turns.

### Step 3:

Align the small "L" bracket with the holes on the side of the large "L" and attach with 3/8-16" x 7/8" Flat Head Socket Cap Screw.

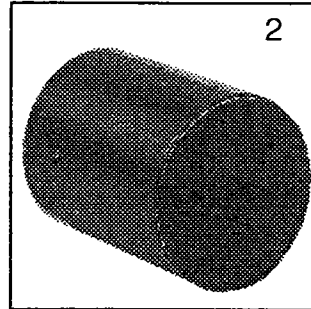
### Step 4:

Line up the center hole on the spacer with the hole in the small "L" bracket; insert the male end of the 3" screw and begin turning it until the spacer touches the bottom of the surface of the desk.

## Through Desk Mount:

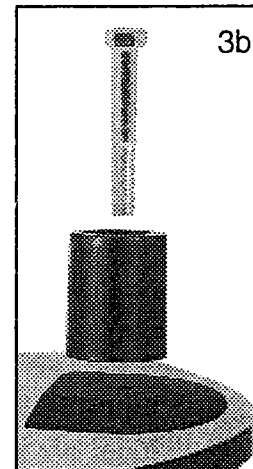
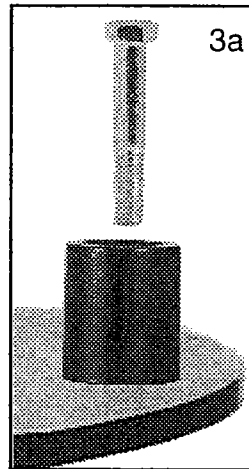
### Step 1:

Drill a hole 3/8" into desk or mounting surface about 1 1/2" - 2" in from edge of the surface edge.



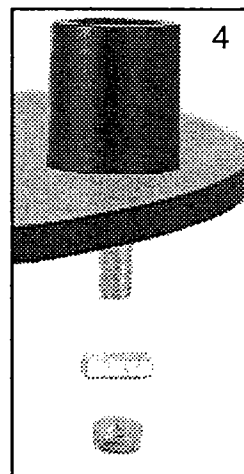
### Step 2:

Remove the backing on the foam pad and affix to the bottom of the mount cup.



### Step 3:

Line up the mount cup over the hole and drop the 2.5" threaded bolt into the mount cup, through the optional base plate and through the desk.

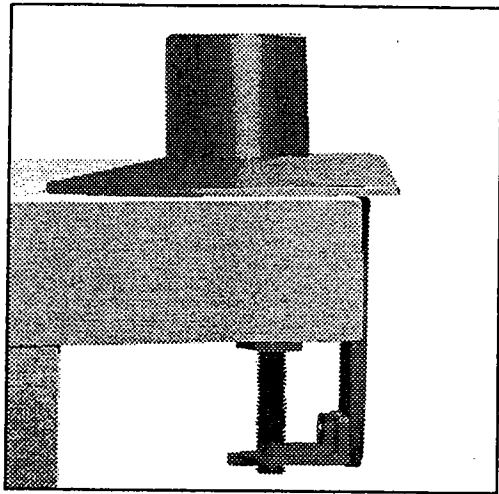


### Step 4:

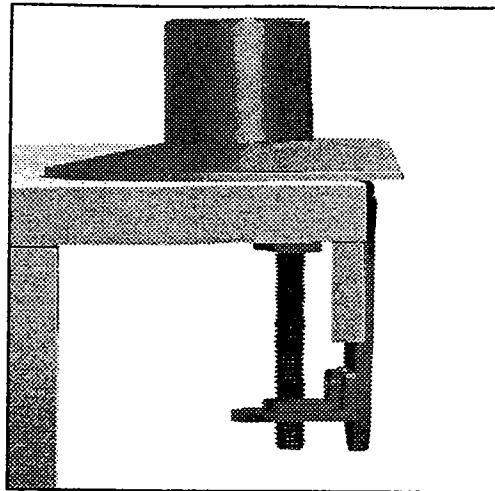
Under the desk, slide the rectangular spacer onto the 3/8-16 x 2 1/2" Hex Head Bolt. Attach the nut to the bolt and tighten until the mount is secured to the desk.

**NOTE:** The rounded part of the nylon stop nut should be facing downward.

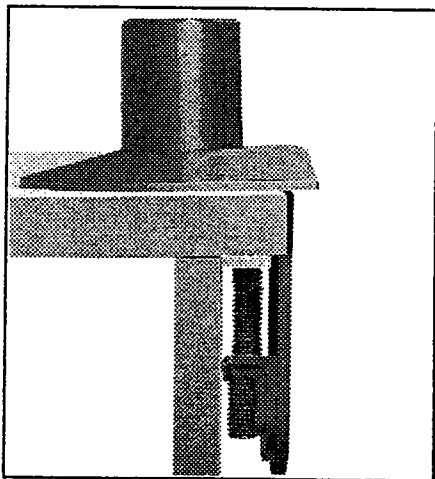
Some desks have thick edges as well as trim that extends below the work surface. The clamp mount has been designed so you can reverse the small "L" bracket to accommodate such circumstances as shown below.



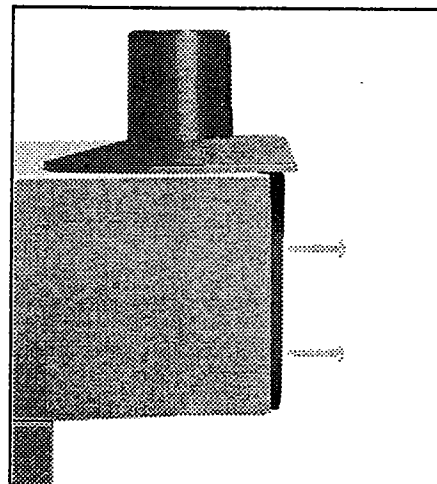
Thick desk edge



Standard desk edge with longer trim

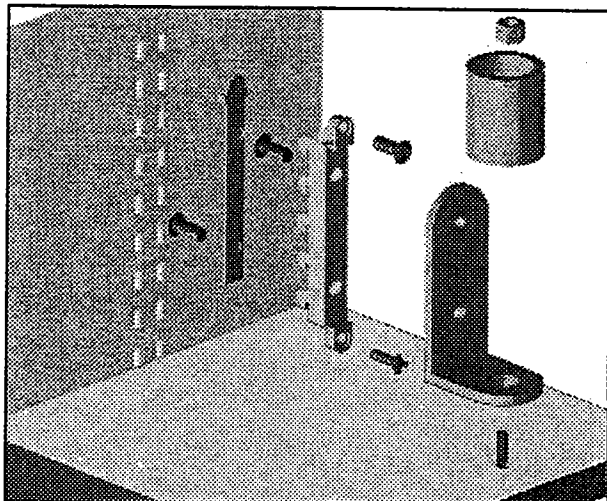


Standard desk with a small lip

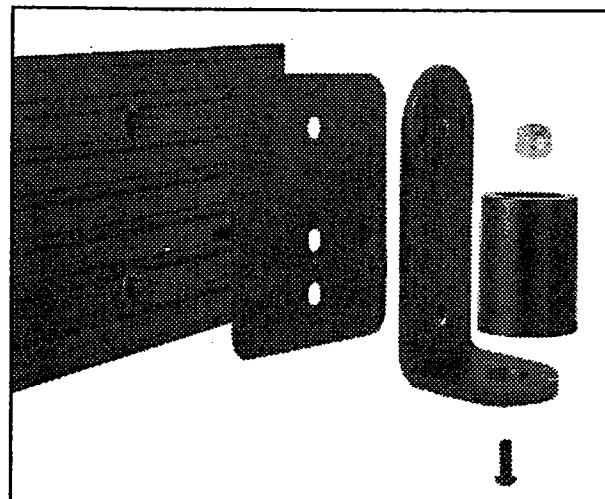


Desk without an edge

Additional Accessories can be purchased separately to accommodate panel system and slatwall mounting. Please contact our customer service department at 800-524-2744 for additional information.



Panel System Mounting



Slatwall Mounting