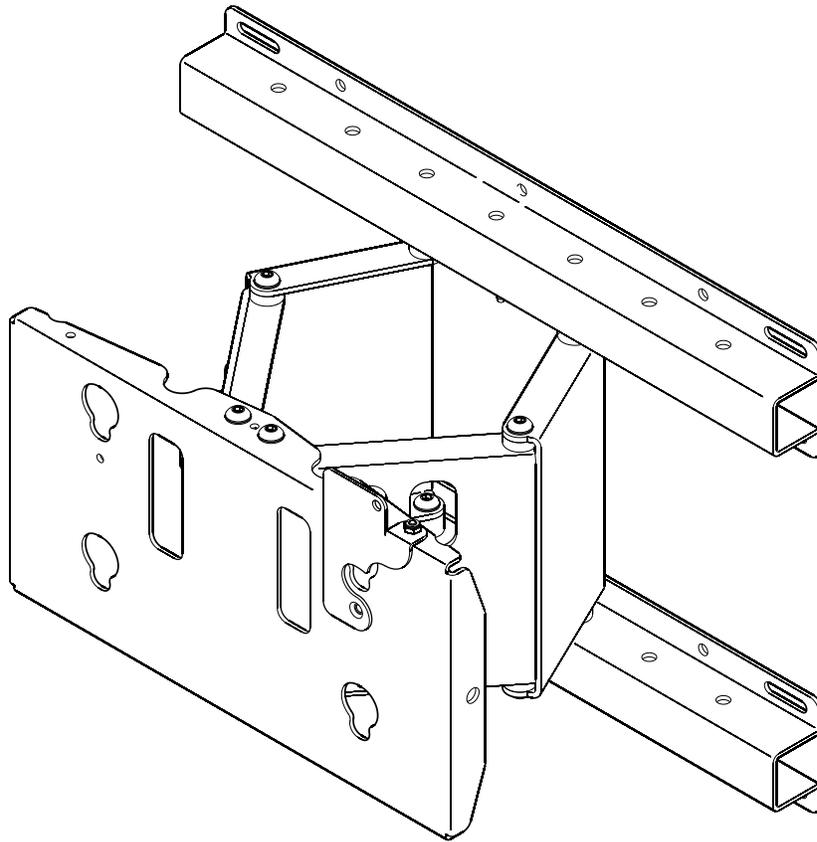


---

# INSTALLATION INSTRUCTIONS

---



---

## Medium Flat Panel Wall Mount

---

**DISCLAIMER**

CSAV, Inc., and its affiliated corporations and subsidiaries (collectively, "CSAV"), intend to make this manual accurate and complete. However, CSAV makes no claim that the information contained herein covers all details, conditions or variations, nor does it provide for every possible contingency in connection with the installation or use of this product. The information contained in this document is subject to change without notice or obligation of any kind. CSAV makes no representation of warranty, expressed or implied, regarding the information contained herein. CSAV assumes no responsibility for accuracy, completeness or sufficiency of the information contained in this document.



**WARNING:** Failure to read, thoroughly understand, and follow all instructions can result in serious personal injury, damage to equipment, or voiding of factory warranty! It is the installer's responsibility to make sure all components are properly assembled and installed using the instructions provided.



**WARNING:** Failure to provide adequate structural strength for this component can result in serious personal injury or damage to equipment! It is the installer's responsibility to make sure the structure to which this component is attached can support five times the combined weight of all equipment. Reinforce the structure as required before installing the component.



**WARNING:** Exceeding the weight capacity can result in serious personal injury or damage to equipment! It is the installer's responsibility to make sure the combined weight of all components does not exceed 75 lbs (34 kg).



**IMPORTANT WARNINGS AND CAUTIONS!**

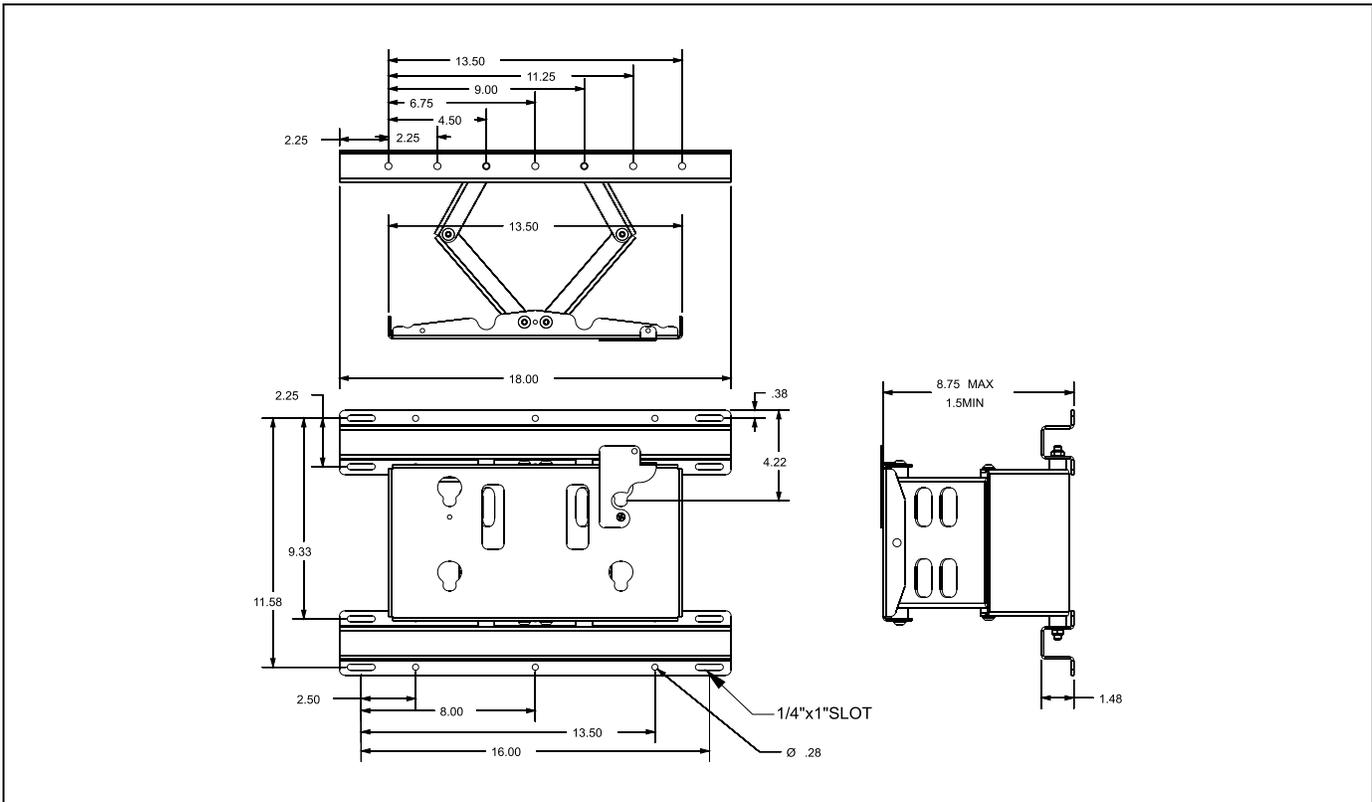


**WARNING:** A WARNING alerts you to the possibility of serious injury or death if you do not follow the instructions.



**CAUTION:** A CAUTION alerts you to the possibility of damage or destruction of equipment if you do not follow the corresponding instructions.

**DIMENSIONS**



**INTRODUCTION**

**TOOLS REQUIRED FOR INSTALLATION**

- Phillips screwdriver
- Drill and bit set

**INSPECT MOUNT BEFORE ASSEMBLY**

Carefully inspect mount assembly for shipping damage (see Figure 1). If damage is apparent, call your carrier claims agent and do not continue with installation until the carrier has reviewed the damage.

**NOTE:** Thoroughly read and understand all assembly instructions before starting installation.

Abbreviations used throughout this manual are identified in the table below.

abbr.	Description
PFMS	Phillips Flat Head Machine Screw
PPMS	Phillips Pan Head Machine Screw
FW	Flat Washer
PPSM	Phillips Pan Head Sheet Metal Screw

Table 1: PARTS

ITEM	DESCRIPTION	QTY.
10	SCREW, Wood, Phillips, 1/4" x 2"	4
20	WASHER, Flat, 1/4"	4
30	WRENCH, Security, 5/32"	1
40	WRENCH, Hex, 3/16"	1
50	PAD, Felt, 1"	2
60	CLIP, Cable Management	2
70	PIN, Locking	1
80	SCREW, Button Head Security, #8-32 x 3/8"	1
90	NUY, Nylock, #8-32	1



**WARNING:** USING IMPROPER HARDWARE CAN LEAD TO MOUNT AND/OR DISPLAY FALLING. Use only hardware provided with mount. DO NOT substitute!

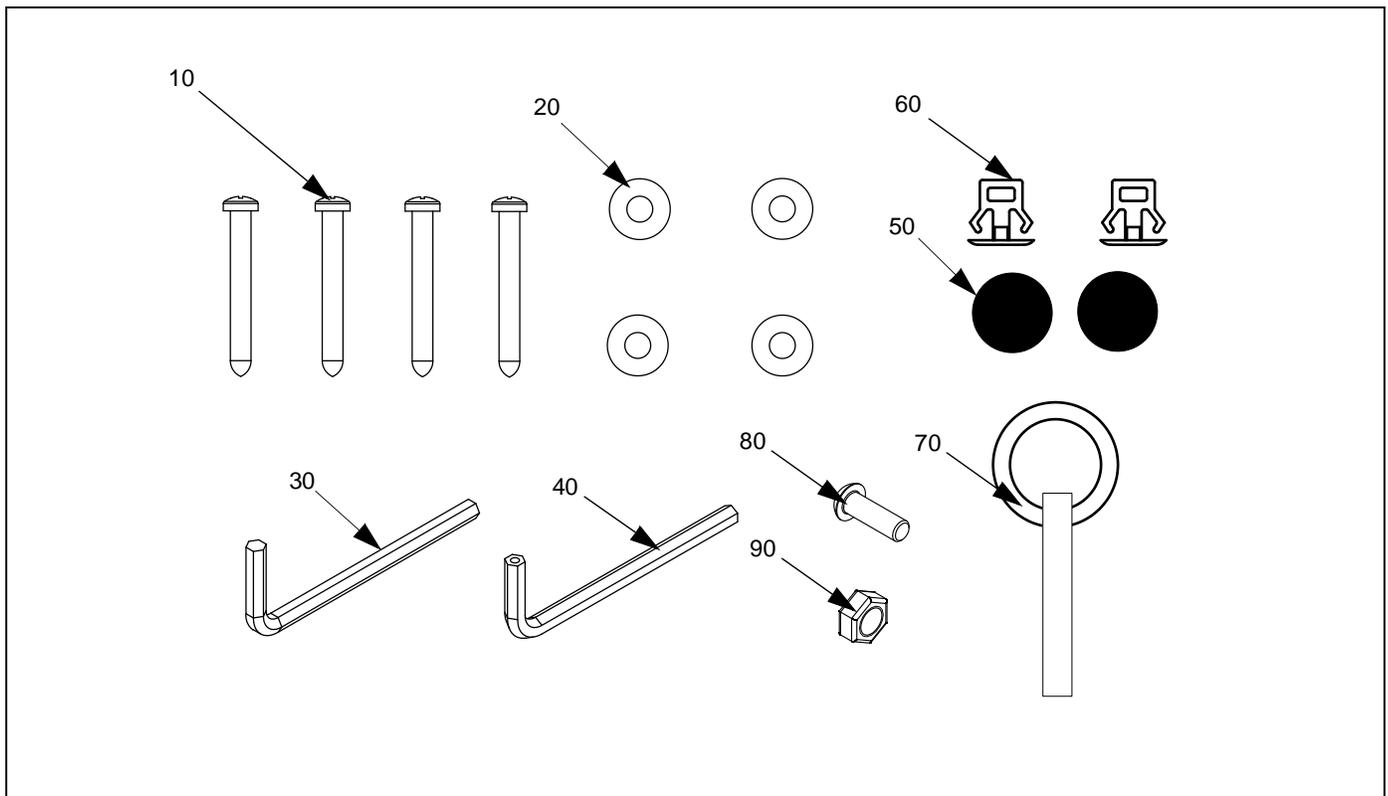


Figure 1: Parts

## MOUNT ASSEMBLY

The only assembly required on the SPOM1 is attaching a cable management clip to each side of the mount face plate.

To attach the cable management clip:

1. Pull mount face plate outward until access to rear of face plate can be achieved.
2. Install two cable management clips (140) into each side of mount faceplate. (See Figure 2)

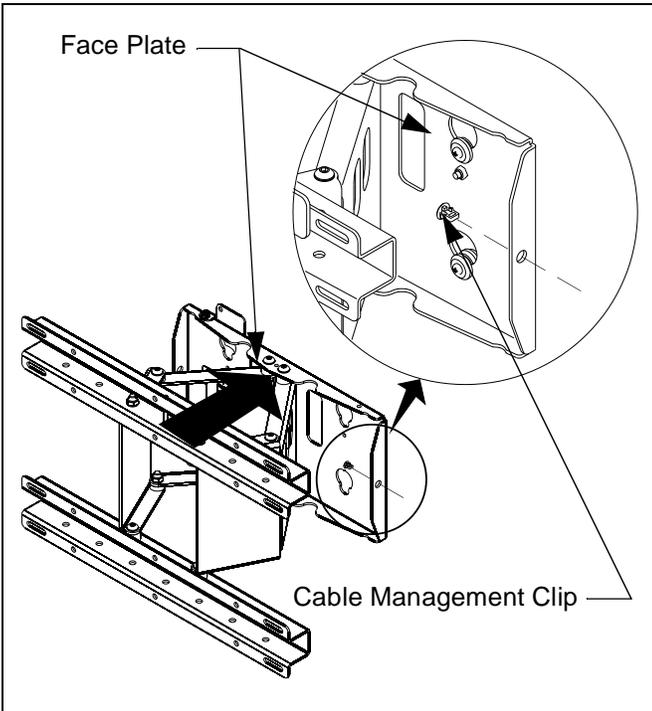


Figure 2: Install Cable Management Clips

## MOUNT INSTALLATION



**WARNING:** The installer is responsible for verifying that the structure to which the mount is anchored will safely support five times the combined load of the mount and all attached components.

To install mount:

1. Identify appropriate mounting location.
2. Locate studs.

**NOTE:** The SPOM1 is designed to be mounted on 16" on center wood studs.

3. Place mount assembly against wall, level mount, and mark pilot hole locations (See Figure 3).

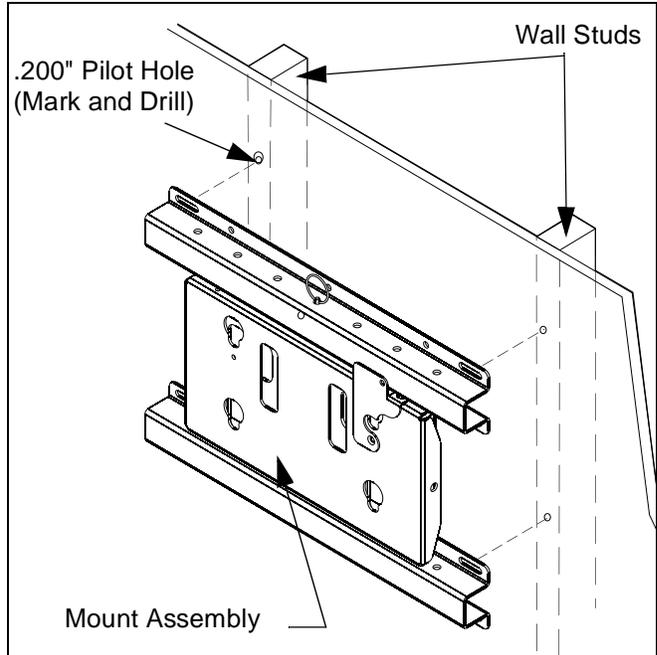


Figure 3: Locate, Mark and Drill Pilot Holes



**WARNING:** Keep hands and fingers away from pinch points as mount may move from retracted to extended position when being positioned on wall.

4. Drill four .200" pilot holes, at marked locations (See Figure 3).
5. Place mount assembly against wall and align mounting holes in mount assembly with pilot holes (See Figure 4).
6. Secure mount to wall studs using four wood screws (20), and four FW (30).

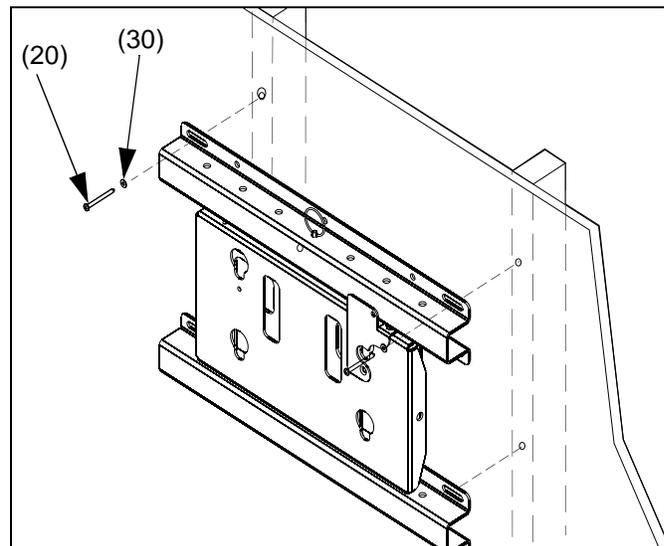


Figure 4: Install Mount

## INSTALL DISPLAY

The following procedure assumes that the proper interface bracket for the display being mounted has already been installed on the display.

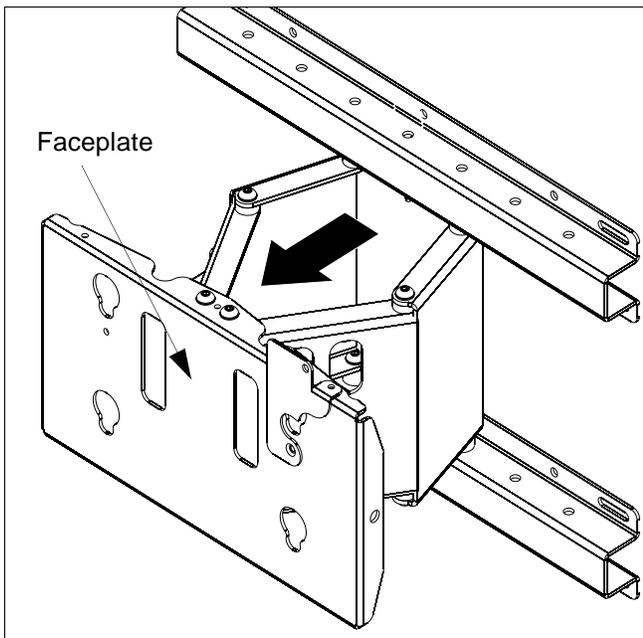
If no interface bracket is present on display, install bracket to display using the instructions included with the interface bracket before proceeding.

If an interface bracket for the display being mounted needs to be obtained, or additional assistance is required, contact a Chief Customer Service representative by calling 1-800-582-6480 or by visiting [www.chiefmfg.com](http://www.chiefmfg.com).

1. Move mount faceplate to extended position by grasping faceplate and pulling outward away from wall. (See Figure 5)



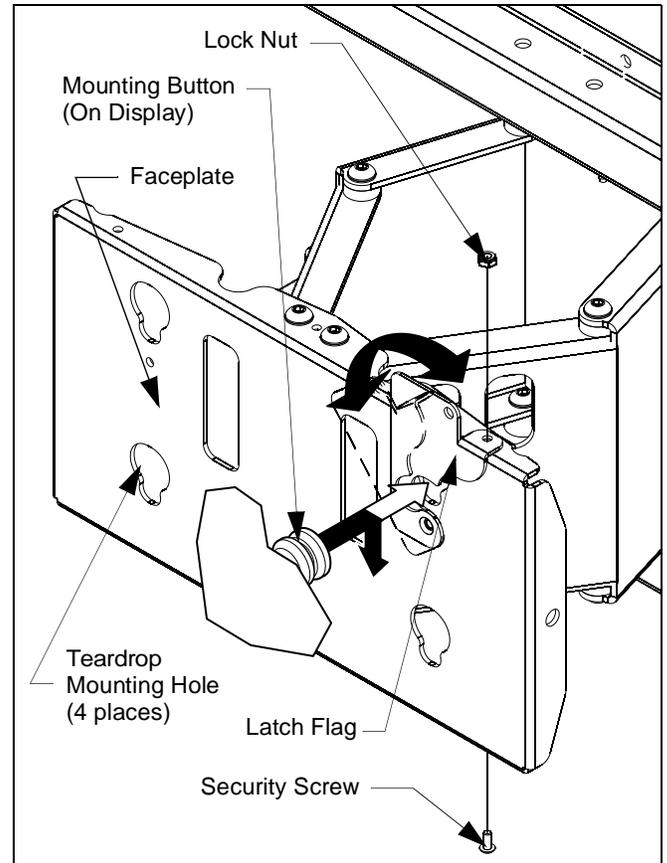
**WARNING:** Keep hands and fingers away from all pinch points when moving the mount from retracted to extended position.



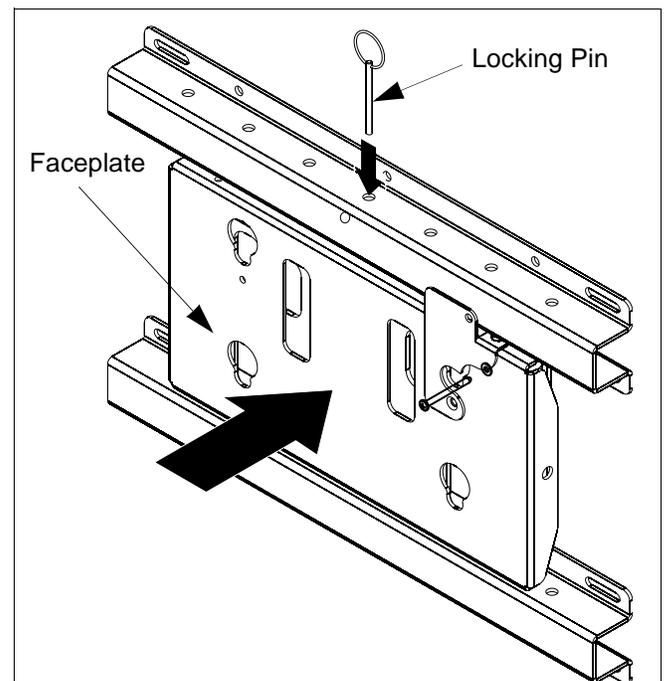
**Figure 5 Extend Mount**

2. Align mounting buttons on display with teardrop mounting holes in mount faceplate (See Figure 6).
3. Move display forward until all four mounting buttons are through teardrop mounting holes in faceplate, and recessed area of mounting buttons is aligned with the lower area of teardrop mounting holes in faceplate.
4. Lower display until the recessed area of all four mounting buttons is seated in the lower area of teardrop mounting holes in faceplate. (See Figure 6)
5. Move latching flag to the UP position to secure display to mount assembly.

**NOTE:** If desired and install optional security screw and locknut provided. The display can also be locked in the retracted position by installing the optional locking pin provided. (See Figure 6) and (See Figure 7)



**Figure 6: Install Display on Mount Assembly**



**Figure 7 Install Optional Locking Pin**

## FELT PAD INSTALLATION

Felt pads (90) are provided to protect the display from contact with the mount.

To install protective felt pads:

1. Move display to fully extended position.



**WARNING:** Keep hands and fingers away from all pinch points when moving the mounted display from the retracted to the extended position.

2. Slowly rotate display to "fully right" position and identify the area of contact between the display and cabinet.
3. Remove adhesive back from felt pad (130) and place pad onto display at identified point of contact.
4. Slowly rotate display to "fully left" position and identify the area of contact between the display and cabinet.
5. Remove adhesive back from felt pad (130) and place pad onto display at identified point of contact.

## ADJUSTMENTS

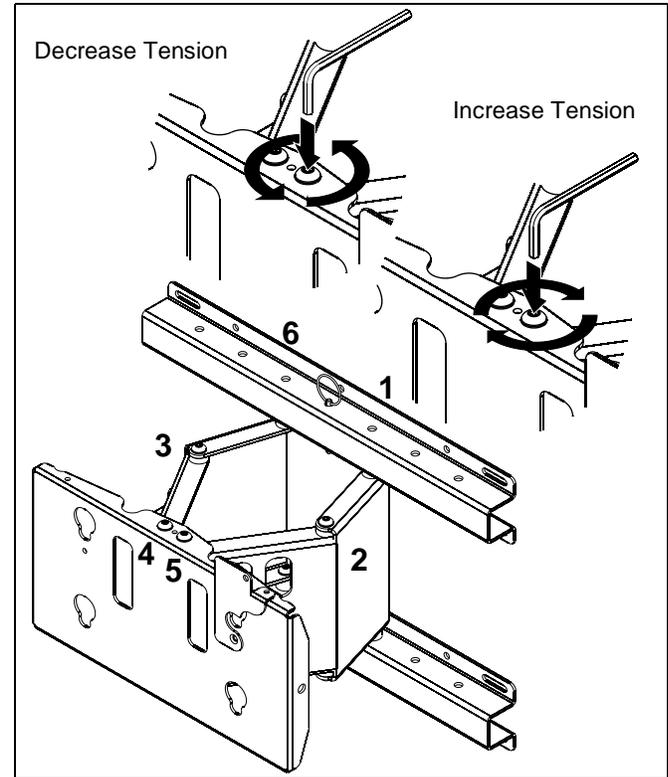
The mount is shipped with pre-set tension for swing arm movement. After extended use mount tension may need to be adjusted.

There are a total of 12 tension adjustment points on the mount (See Figure 8). Six on mount top, and six on mount bottom. Points 1 through 6 control mount extension and retraction tension. Points 1 and 6 control mount right left swing tension, and points 3 and 4 control display left right rotation tension.

**NOTE:** It is important that corresponding points are adjusted equally. **Example:** 1 and 6, 2 and 5, 3 and 4, and their corresponding adjustment points on mount bottom (See Figure 8).

To adjust mount tension:

1. Determine which aspect of mount movement needs to be adjusted and located appropriate adjustment screws.
2. Using the hex wrench provided, tighten or loosen adjustment screws until desired tension is achieved (See Figure 8).



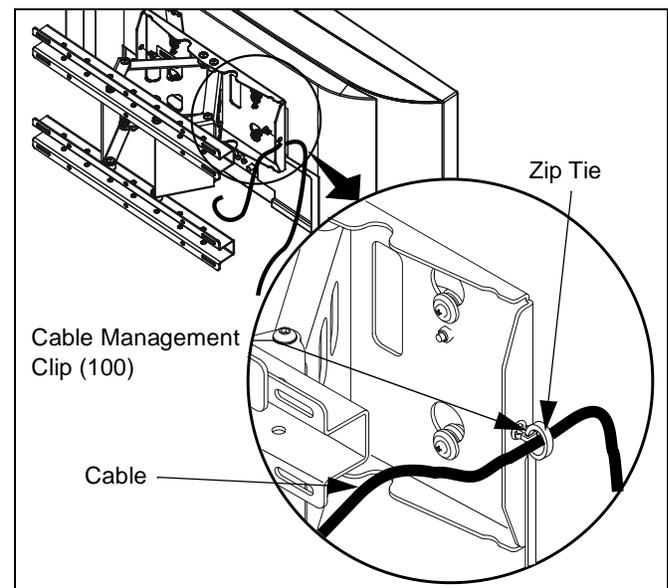
**Figure 8: Tension Adjustment Points**

## CABLE MANAGEMENT

Cable management clips, for use with "zip-ties" or similar devices, are provided for cable routing.

To use cable management clips:

1. Zip tie cable to cable clip (140). (See Figure 9)
2. Route cables down and under mount to display.



**Figure 9: Cable Routing**





8832-000185  
©2006 Chief Manufacturing  
[www.chiefmfg.com](http://www.chiefmfg.com)  
10/06

<b>USA/International</b>	<b>A</b> 8401 Eagle Creek Parkway, Savage, MN 55378 <b>P</b> 800.582.6480 / 952.894.6280 <b>F</b> 877.894.6918 / 952.894.6918
<b>Europe</b>	<b>A</b> Fellenoord 130 5611 ZB EINDHOVEN, The Netherlands <b>P</b> +31 (0)40 2668620 <b>F</b> +31 (0)40 2668615
<b>Asia Pacific</b>	<b>A</b> Room 30I, Block D, Lily YinDu International Building LuoGang, BuJi Town, Shenzhen, CHINA. Post Code: 518112 深圳市布吉罗岗百合银都国际大厦D栋30I <b>P</b> +86-755-8996 9226 ; 8996 9236 ; 8996 9220 <b>F</b> +86-755-8996 9217