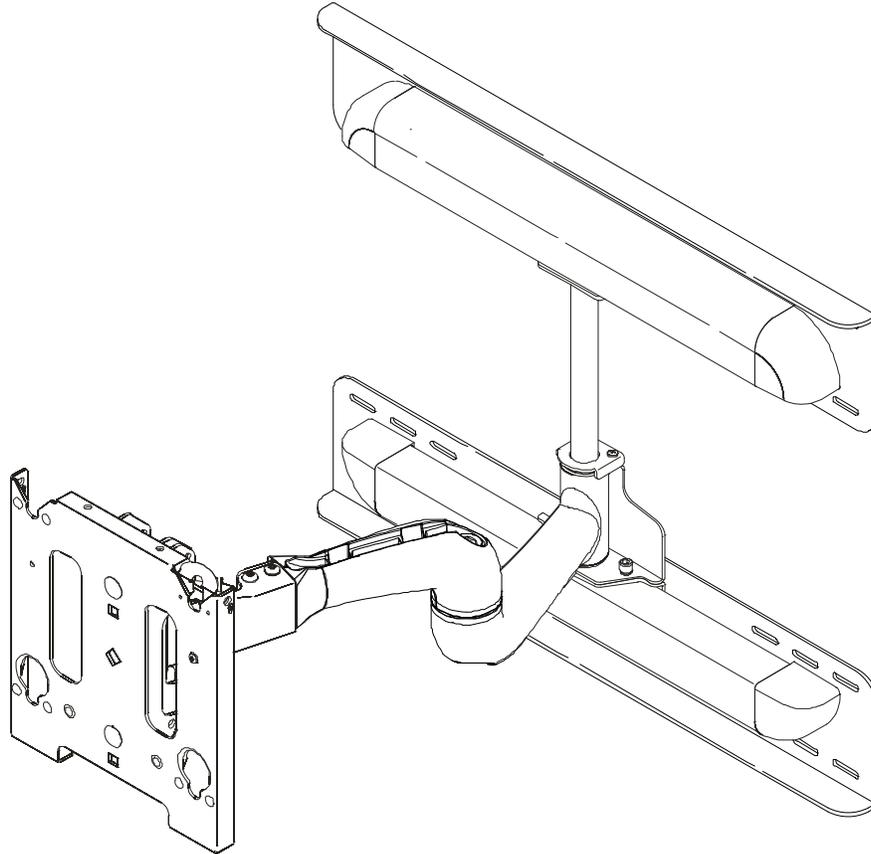


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# INSTALLATION INSTRUCTIONS

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## Medium Flat Panel Steel Stud Wall Mount

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**! 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.

**! 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 the installation of this kit can result in serious personal injury or damage to equipment! It is the installer's responsibility to make sure the structure to which this mount is attached can support five times the combined weight of all equipment.

**! 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 attached to this accessory does not exceed 100lbs (45.3 kg) if being installed on a wall with a minimum 1/2" thick drywall, or 125 lbs (56.7 kg) if being installed on a wall with a minimum 5/8" thick drywall.

**LEGEND**

	<b>Tighten Fastener</b>
	Apretar elemento de fijación
	Befestigungsteil festziehen
	Apertar fixador
	Serrare il fissaggio
	Bevestiging vastdraaien
	Serrez les fixations
	Сожмите Застежку

	<b>Loosen Fastener</b>
	Afajar elemento de fijación
	Befestigungsteil lösen
	Desapertar fixador
	Allentare il fissaggio
	Bevestiging losdraaien
	Desserrez les fixations
	Ослабьте Застежку

	<b>Open-Ended Wrench</b>
	Llave de boca
	Gabelschlüssel
	Chave de bocas
	Chiave a punte aperte
	Steeksleutel
	Clé à fourche
	Открытый Рывок

	<b>Adjust</b>
	Ajustar
	Einstellen
	Ajustar
	Regolare
	Afstellen
	Ajuster
	Приспособьтесь

	<b>Phillips Screwdriver</b>
	Destornillador Phillips
	Kreuzschlitzschraubendreher
	Chave de fendas Phillips
	Cacciavite a stella
	Kruiskopschroevendraaier
	Tournevis à pointe cruciforme
	Отвертка

	<b>Hex-Head Wrench</b>
	Llave de cabeza hexagonal
	Sechskantschlüssel
	Chave de cabeça sextavada
	Chiave esagonale
	Zeskantsleutel
	Clé à tête hexagonale
	Главный ведемый Рывок

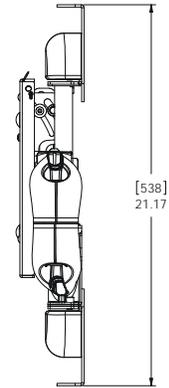
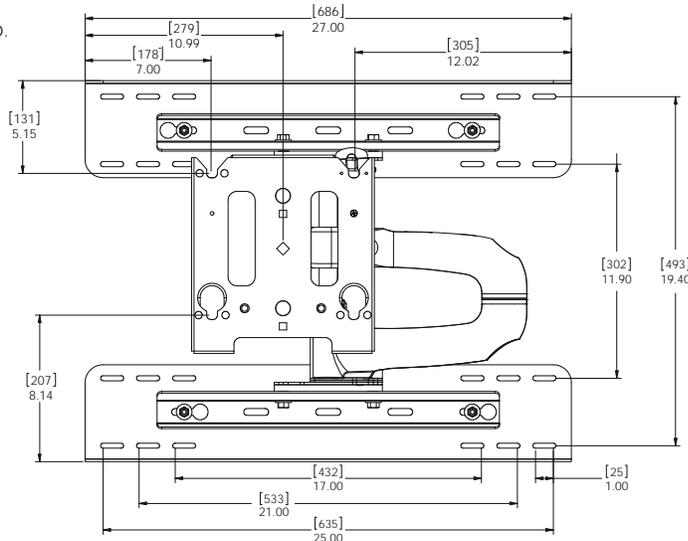
**DIMENSIONS**

Mounting Pattern

NOTE: CUSTOM INTERFACE BRACKET NOT SHOWN. THE CUSTOM INTERFACE BRACKET NEEDED FOR YOUR DISPLAY WILL ADD BETWEEN 1/2" AND 2" IN DEPTH AND MAY AFFECT LOCATION OF DISPLAY ON THE MOUNT.

SEE PSB-XXXX DRAWING ALSO.

PRODUCT FEATURES	
WEIGHT CAPACITY	125 LBS
HEIGHT ADJUSTMENT	0°
TILT / ROLL / YAW	+5°,-15° / ±2.5° / ±0°



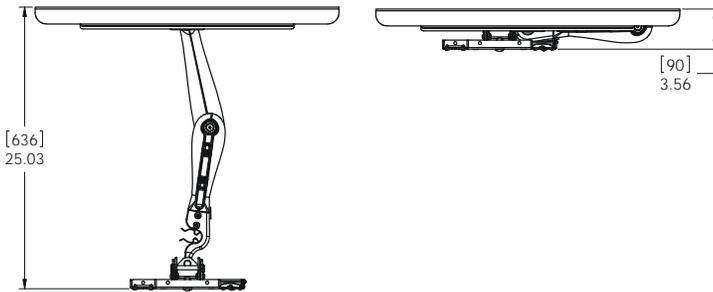
ALL MEASUREMENTS ARE IN THE FOLLOWING FORMAT:

[MILLIMETERS]  
INCHES

Unit Depth

Extended

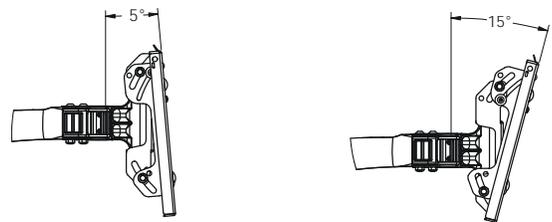
Retracted



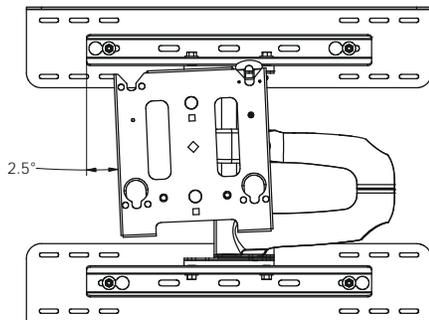
Tilt Adjustment

Tilted Up

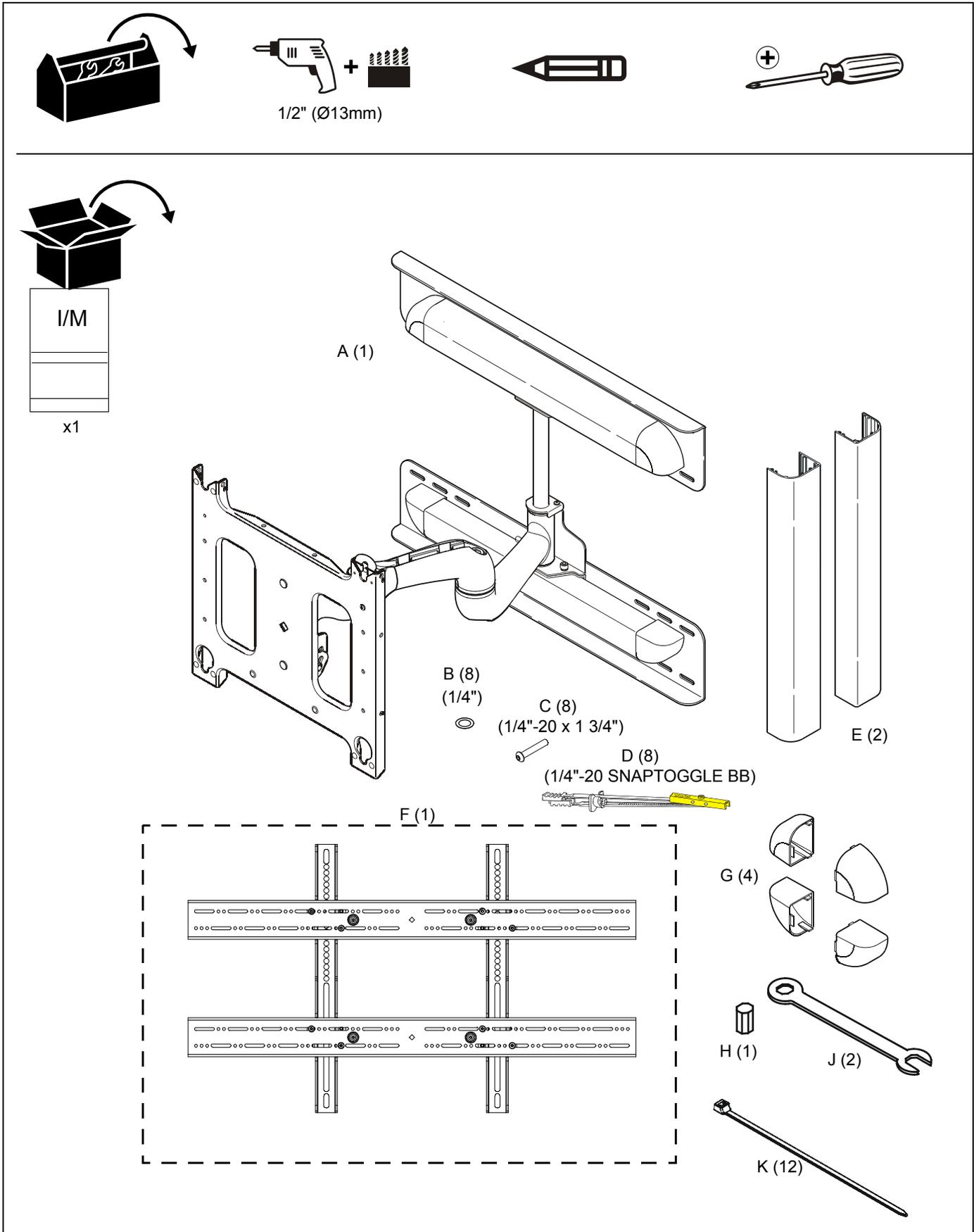
Tilted Down



Roll Adjustment



**TOOLS REQUIRED FOR INSTALLATION AND PARTS**



### Site Requirements



**WARNING:** IMPROPER INSTALLATION CAN LEAD TO EQUIPMENT FALLING CAUSING SERIOUS PERSONAL INJURY OR DAMAGE TO EQUIPMENT! The figure below identifies the minimum requirements for installation of display mounts onto a steel stud structure. If the structure or its components do not meet these requirements contact the mount manufacturer for specific instructions before attempting installation. It should also be noted that no other equipment should be mounted to the same stud.

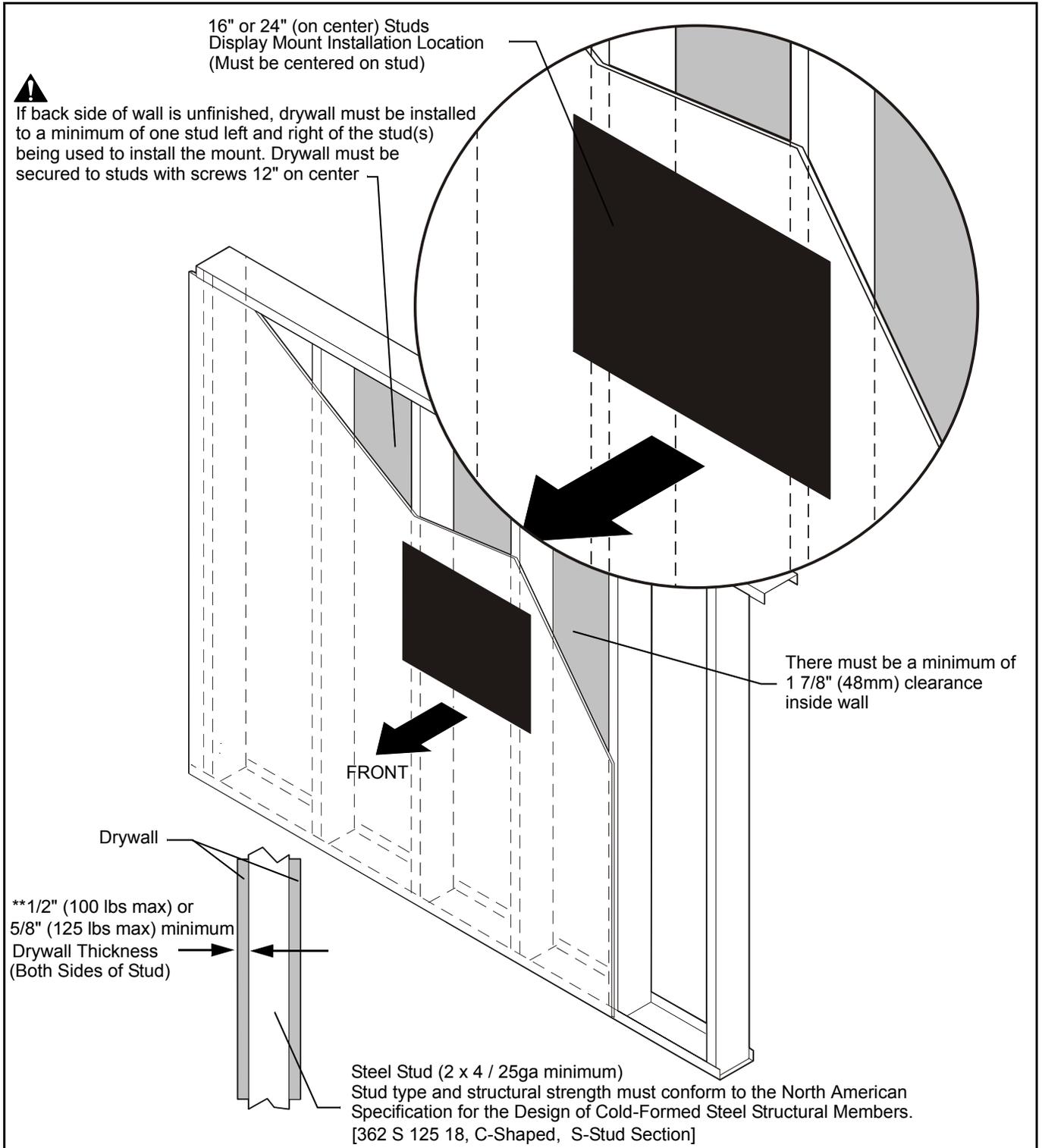


Figure 1

## Mount Installation And Adjustment

### Mount Installation

After determining the site meets the installation requirements:

1. Identify desired mounting location on wall.
2. Using a stud finder or similar method locate studs.
3. Align mounting holes in mount with studs making sure mounting holes are centered on studs. (See Figure 2)



**WARNING:** IMPROPER INSTALLATION CAN LEAD TO EQUIPMENT FALLING CAUSING SERIOUS PERSONAL INJURY OR DAMAGE TO EQUIPMENT! Make sure upper and lower mounting holes are used on both sides of both the upper and lower wall plates. (See Figure 2)

4. Mark location of eight mounting holes on wall.
5. Drill eight 1/2" (Ø13mm) holes. (See Figure 2)

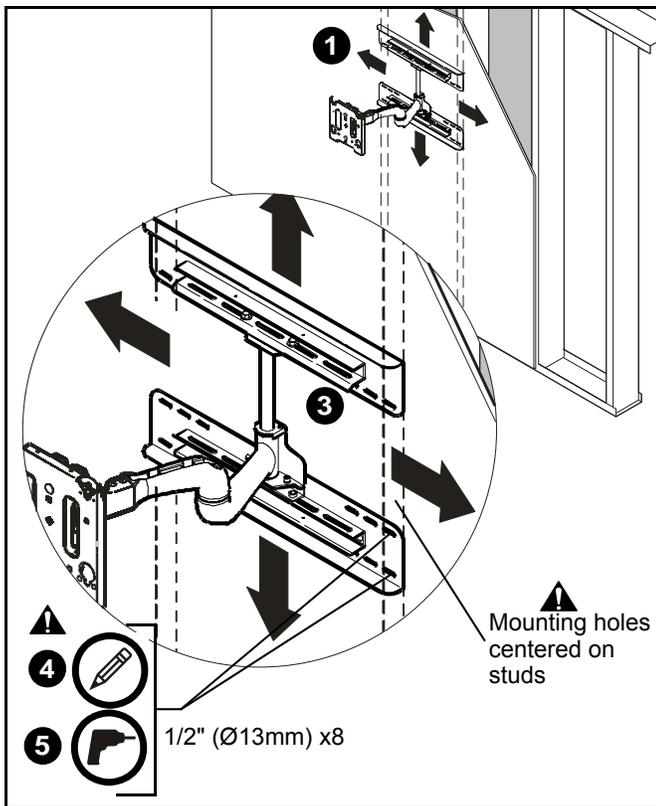


Figure 2

6. Hold metal channel on anchor (D) flat alongside plastic straps and slide channel through hole. (See Figure 3)

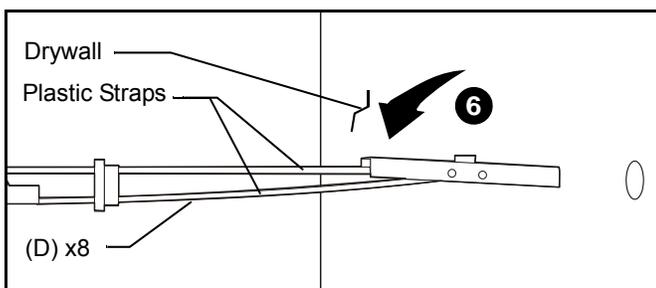


Figure 3

7. Holding plastic straps on anchor (D), pull anchor away from wall until channel rests flush behind wall making sure anchor channel is positioned vertically on stud as show in figures below. (See Figure 4)
8. Slide plastic cap on anchor (D) towards wall until flange of cap is flush with wall. (See Figure 4)

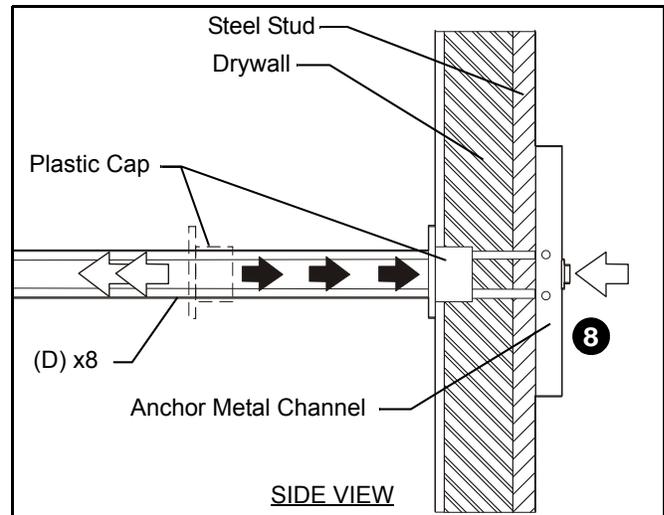


Figure 4

9. Snap off plastic straps on anchor at wall by pushing side to side, snapping off straps level with flange of plastic cap. (See Figure 5)
10. Repeat steps 6 through 9 for each mounting hole.

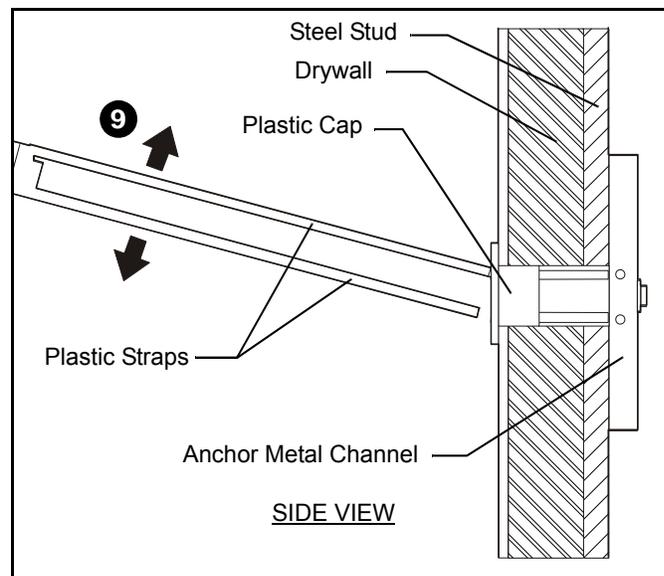


Figure 5

11. Place mount over anchors and align mounting holes in display mount with holes in anchors. (See Figure 6)
12. Place flat washer (B) onto Phillips pan head screws (C).
13. Insert Phillips pan head screws (C) with flat washer (B) through mounting hole in display mount and into anchor (D) and tighten until flush against mount. DO NOT overtighten! (See Figure 6)
14. Repeat steps 11 through 13 for remaining 7 mounting holes.



**WARNING:** IMPROPER INSTALLATION CAN LEAD TO EQUIPMENT FALLING CAUSING SERIOUS PERSONAL INJURY OR DAMAGE TO EQUIPMENT! Overtightening of mounting hardware can damage the steel studs. DO NOT overtighten mounting hardware!

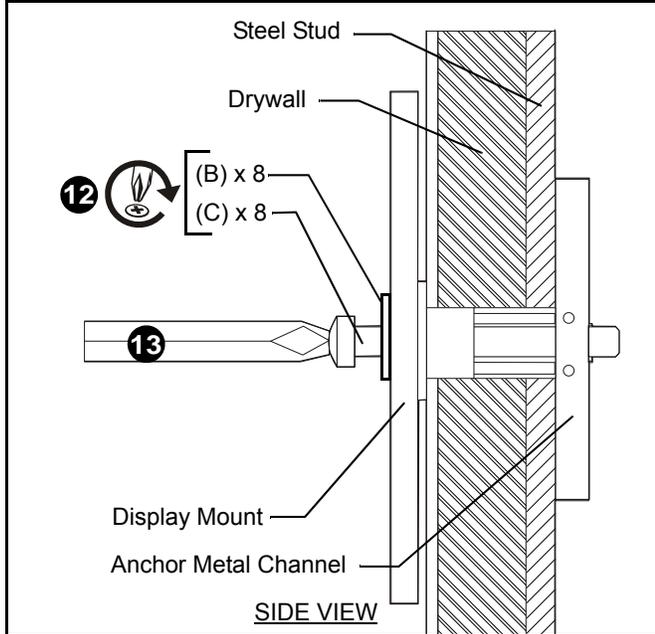


Figure 6

**Cover Installation**

To install channel covers:

1. Install upper wall channel cover (E) by tipping cover top down and positioning as shown in figure below. (See Figure 7)
2. Lower bottom of upper wall channel cover (E) and tap firmly across bottom of channel to lock in place as shown in figure below. (See Figure 7)
3. Install R.H. and L.H. end caps (G) by aligning tabs on end caps with slots in wall channel and sliding tabs into channel until end cap is flush with wall channel cover cover (E).
4. Repeat steps 4 through 6 above for lower wall channel cover and end caps.

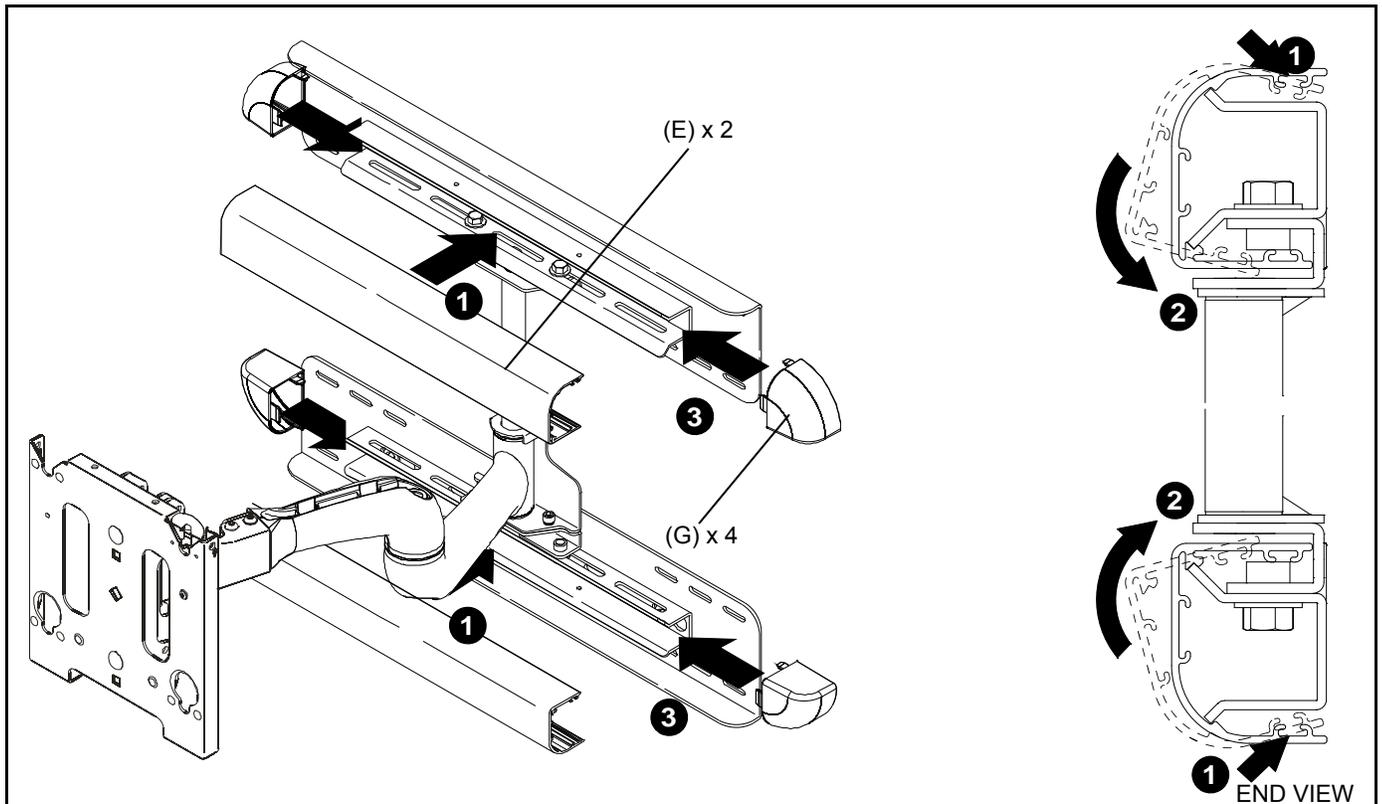


Figure 7

## Display Installation

If the mounting pattern of the display being installed is a VESA standard 200 x 200 pattern the mounting buttons can be installed directly to the back of the display. If the display has any other mounting pattern an interface bracket must be obtained before proceeding. Consult a Chief Customer Service representative if an interface bracket is required by calling 1-800-582-6480 or visit [www.chiefmfg.com](http://www.chiefmfg.com).



**WARNING:** IMPROPER INSTALLATION CAN LEAD TO MOUNT FALLING CAUSING SEVERE PERSONAL INJURY OR DAMAGE TO EQUIPMENT. Displays can weigh in excess of 40 lbs (18.1kg). ALWAYS use two people and proper lifting techniques when installing display.



**WARNING:** IMPROPER INSTALLATION CAN LEAD TO MOUNT FALLING CAUSING SEVERE PERSONAL INJURY OR DAMAGE TO EQUIPMENT. Make sure mounting buttons on display are properly seated in mounting holes in faceplate.

To install display:

1. Move mount faceplate to extended position by grasping faceplate and pulling outward away from wall. (See Figure 8)
2. While supporting both sides of display, align four mounting buttons on display or interface bracket with four mounting holes in faceplate. (See Figure 8)
3. Lower display into place listening for audible "click" to ensure recessed area of mounting buttons are properly seated in lower area of mounting holes and "click lock" mechanism has engaged. (See Figure 8) and (See Figure 9)

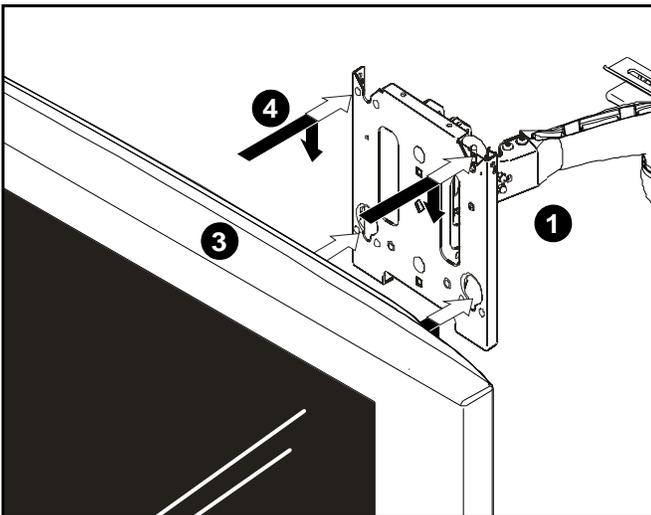


Figure 8

**NOTE:** Holes are provided in the faceplate for use with a padlock or similar locking device, if desired. In addition, the pin and nut may be removed from the upper holes and moved to the lower holes for use as a more permanent locking device. (See Figure 9)

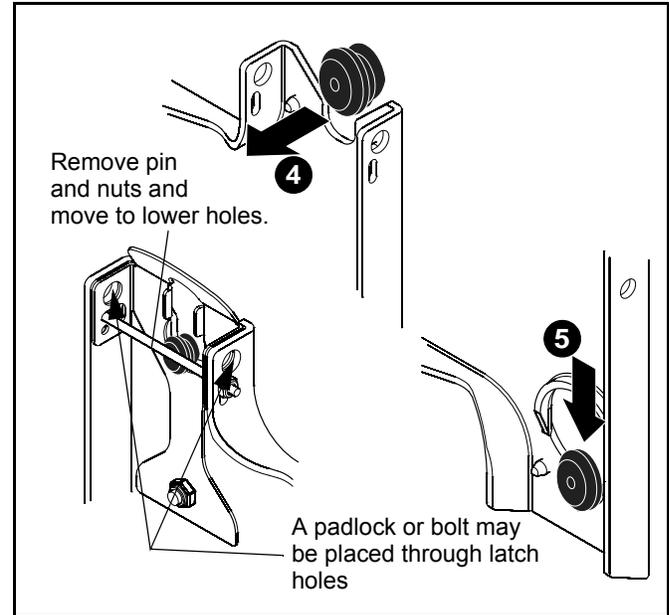


Figure 9

## CABLE MANAGEMENT



**WARNING:** IMPROPER INSTALLATION CAN LEAD TO SERIOUS PERSONAL INJURY OR DAMAGE TO EQUIPMENT! Make sure cables do not run through pinch points.

1. Loosen front and rear cable clamps on top arm. (See Figure 10)
2. Thread cable ties (K) under cable clamps and secure clamps to top arm. (See Figure 10)
3. Route power/audio/video cables through the cable channel in top arm (See Figure 10), allowing sufficient slack in cables for left/Right movement of display and swing arm and also swing arm extension and retraction.
4. Secure cables to top arm using two cable ties (K).
5. Repeat steps 1 through 4 for lower arm.



**WARNING:** IMPROPER INSTALLATION CAN LEAD TO SERIOUS PERSONAL INJURY OR DAMAGE TO EQUIPMENT! DO NOT route cables through holes in faceplate.

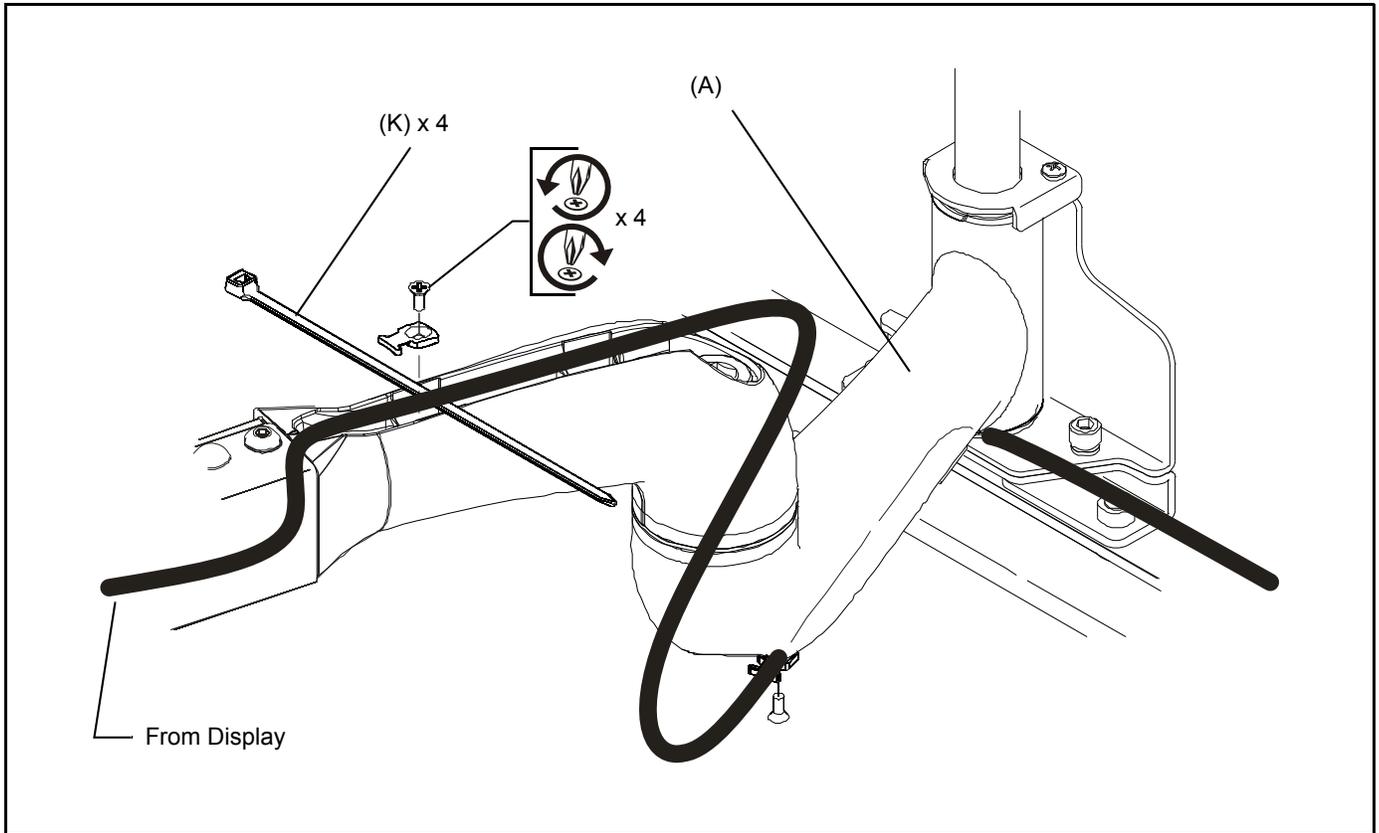


Figure 10

## ADJUSTMENTS

### Pitch Tension Adjustment

To adjust display pitch tension:

1. With display installed, tighten or loosen two screws, one on each side, using the 5/32" hex wrench. (See Figure 11)
2. Check for desired tension.
3. Repeat Steps 1 and 2 until desired tension is obtained.

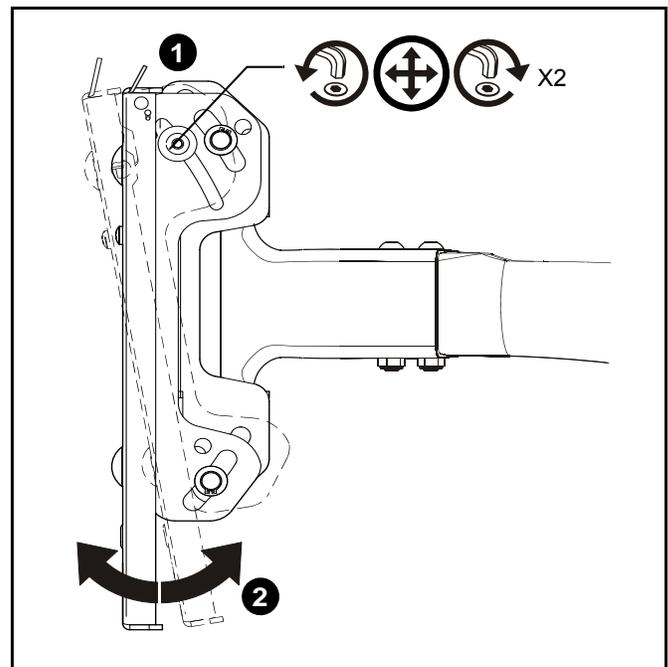


Figure 11

## Roll Adjustment

The MWR allows for the horizontal alignment (Roll) of the display to be adjusted up to 2 deg. right or left to level the display after installing.

To adjust Roll:

1. Loosen the roll tension adjustment nut located on the back side of the faceplate assembly. (See Figure 12)
2. Level display.
3. Tighten roll tension adjustment nut. (See Figure 12)

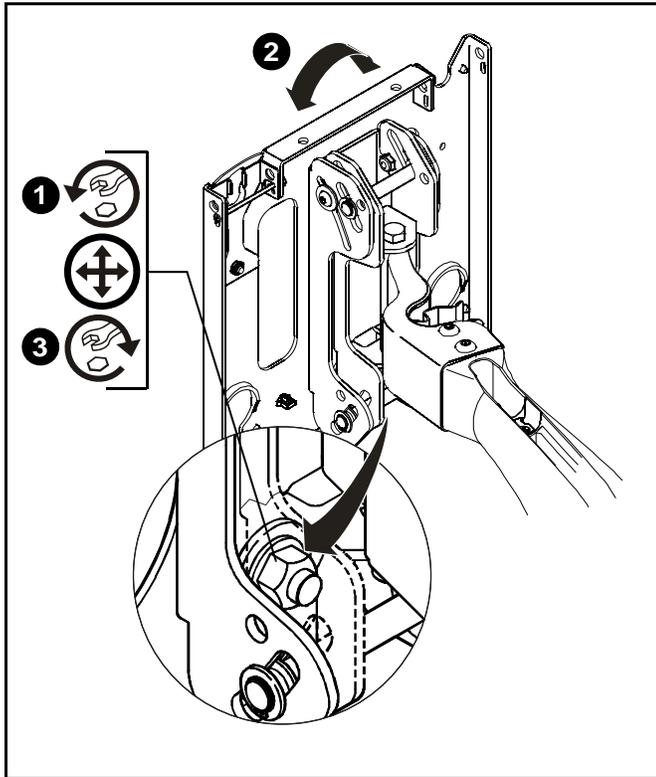


Figure 12

## Swing Arm Tension Adjustment

Swing arm tension is pre-set at the factory and is adjusted to accommodate displays with weights near the top of the mounts capacity.

If smaller displays are used it may be difficult to reposition the display after mounting. Swing arm tension can be adjusted to compensate for smaller display by:

The display must be mounted prior to adjusting swing arm tension.

1. Locate the adjustment bar (H) and adjustment wrench (J).
2. Place adjustment bar (H) into socket head cap screw located at swing arm pivot point. (See Figure 13)

**NOTE:** The display may need to be repositioned in order to gain access to the tension adjustment screw(s).

3. Check swing arm tension. If desired tension is present, tension adjustment is complete. If additional tension adjustment is required, repeat steps 2 thru 4 until desired tension is achieved.

**NOTE:** If changing from a smaller display to a larger display may be necessary to increase swing arm tension.

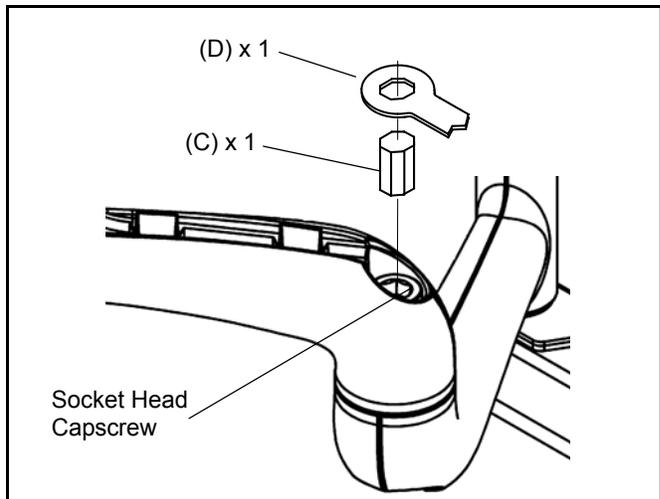


Figure 13

4. Using the adjustment wrench (D), turn adjustment bar (C) clockwise to increase swing arm tension or counterclockwise to reduce swing arm tension. (Small adjustments of 1/8 turn or less are typically all that is required to achieve desired tension.) (See Figure 14) and (See Figure 15)

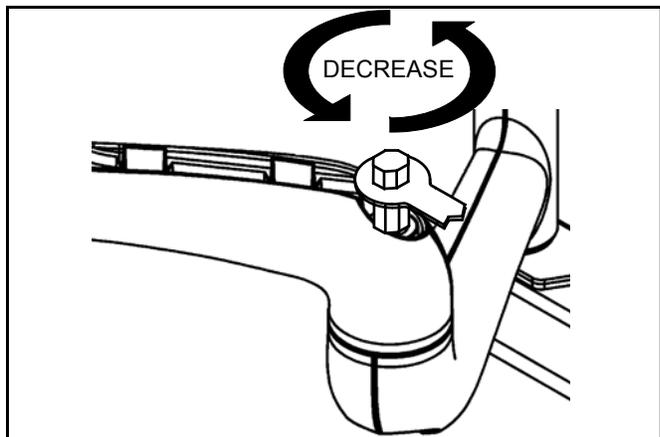


Figure 14

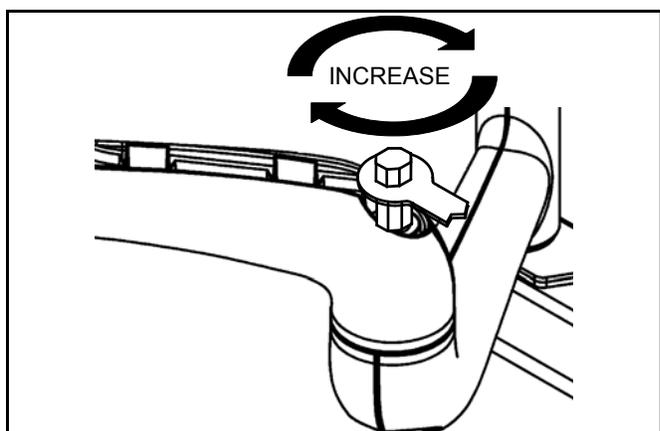


Figure 15





Our Mounts. Your Vision.

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