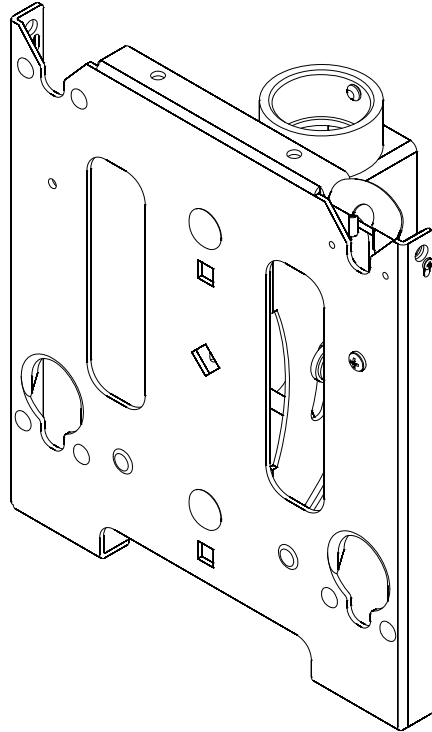

INSTALLATION INSTRUCTIONS



Single Ceiling 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.

! 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.

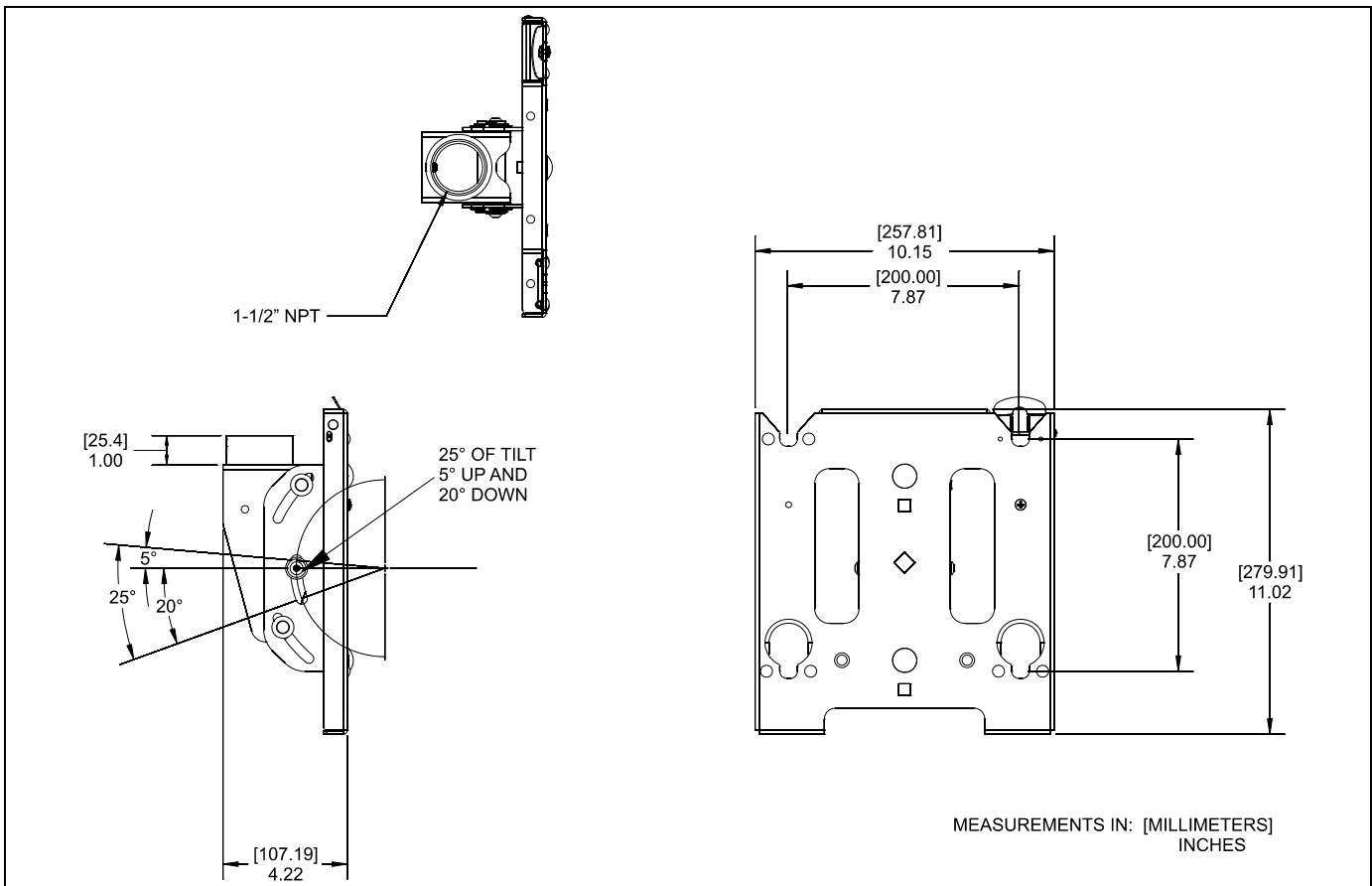
! WARNING: Failure to read, thoroughly understand, and follow all instructions can result in serious personal injury, damage to equipment, or voiding of factory warranty! It is the installer's responsibility to make sure all components are properly assembled and installed using the instructions provided.

! WARNING: Failure to provide adequate structural strength for 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 located between the supporting structure and MCS does not exceed 125 lbs (57 kg).

- The weight capacity of the MCS may be LIMITED to the lowest capacity of any other component located between the MCS and the supporting structure!

DIMENSIONS



LEGEND

	Tighten Fastener
	Apretar elemento de fijación
	Befestigungsteil festziehen
	Apertar fixador
	Serrare il fissaggio
	Bevestiging vastdraaien
Serrez les fixations	

	Loosen Fastener
	Aflojar elemento de fijación
	Befestigungsteil lösen
	Desapertar fixador
	Allentare il fissaggio
	Bevestiging losdraaien
Desserrez les fixations	

	Phillips Screwdriver
	Destornillador Phillips
	Kreuzschlitzschraubendreher
	Chave de fendas Phillips
	Cacciavite a stella
	Kruiskopschroevendraaier
Tournevis à pointe cruciforme	

	Open-Ended Wrench
	Llave de boca
	Gabelschlüssel
	Chave de bocas
	Chiave a punte aperte
	Steeksleutel
Clé à fourche	

	By Hand
	A mano
	Von Hand
	Com a mão
	A mano
	Met de hand
À la main	

	Hex-Head Wrench
	Llave de cabeza hexagonal
	Sechskantschlüssel
	Chave de cabeça sextavada
	Chiave esagonale
	Zeskantsleutel
Clé à tête hexagonale	

	Pencil Mark
	Marcar con lápiz
	Stiftmarkierung
	Marcar com lápis
	Segno a matita
	Potloodmerkteken
Marquage au crayon	

	Drill Hole
	Perforar
	Bohrloch
	Fazer furo
	Praticare un foro
	Gat boren
Percez un trou	

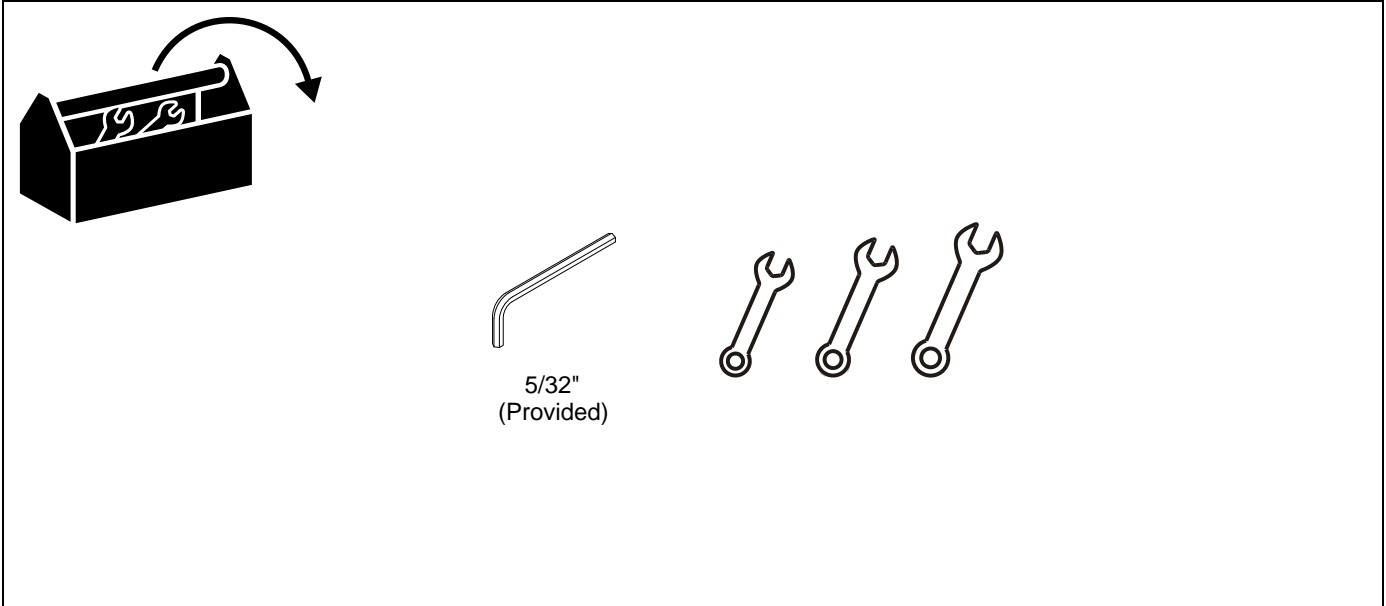
	Adjust
	Ajustar
	Einstellen
	Ajustar
	Regolare
	Afstellen
Ajuster	

	Remove
	Quitar
	Entfernen
	Remover
	Rimuovere
	Verwijderen
Retirez	

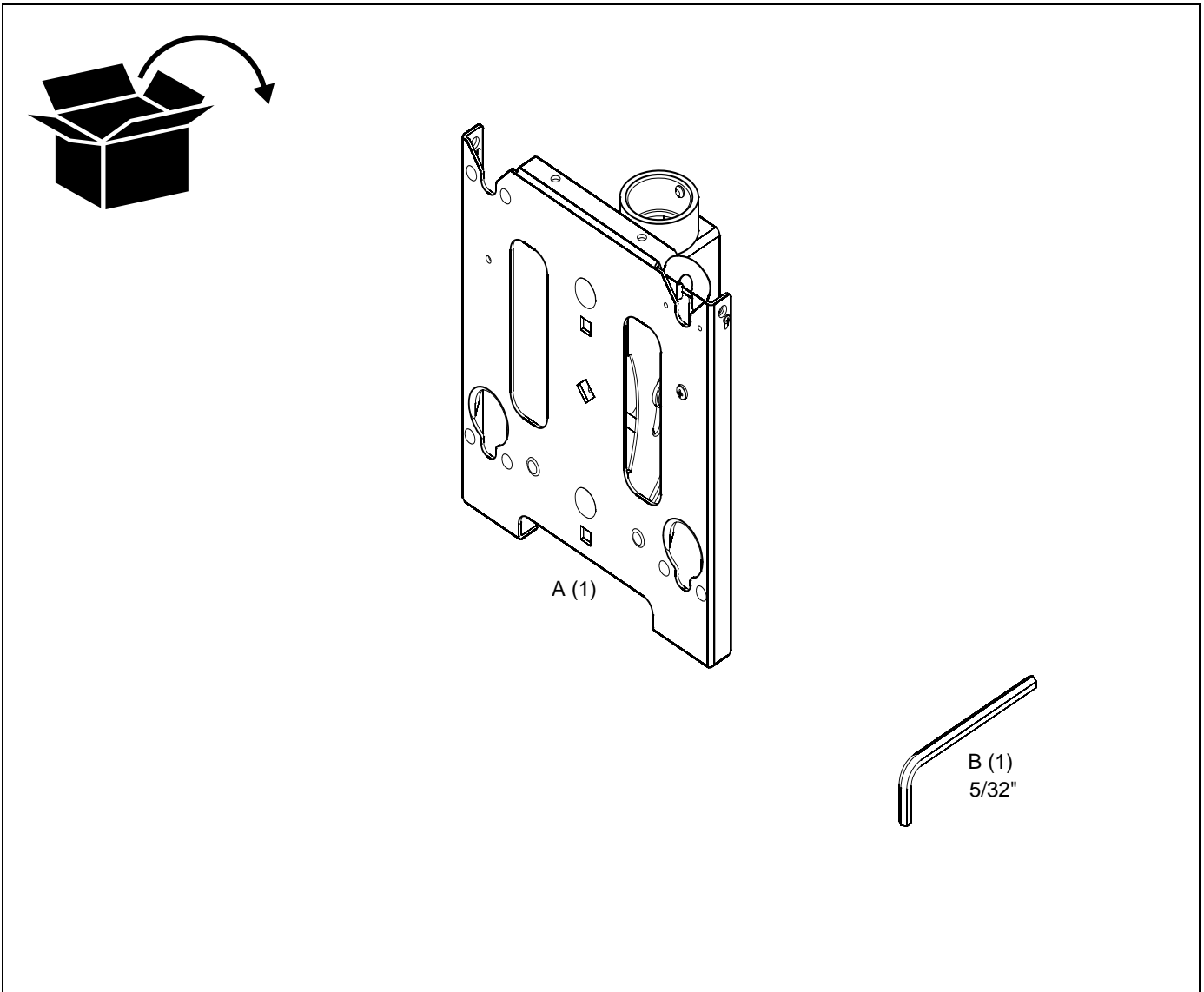
	Optional
	Opcional
	Optional
	Opcional
	Opzionale
	Optie
En option	

	Security Wrench
	Llave de seguridad
	Sicherheitsschlüssel
	Chave de segurança
	Chiave di sicurezza
	Veiligheidssleutel
Clé de sécurité	

TOOLS REQUIRED FOR INSTALLATION



PARTS



INSTALLATION



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.

Attaching MCS to NPT Pipe



CAUTION: Watch for pinch points. Do not place fingers between moveable parts.

1. Thread the MCS (A) onto the existing 1-1/2" NPT pipe until tight. (See Figure 1)
2. Using the hex head wrench (B) tighten the set screw into the MCS threaded collar to prevent movement of the mount. (See Figure 1)

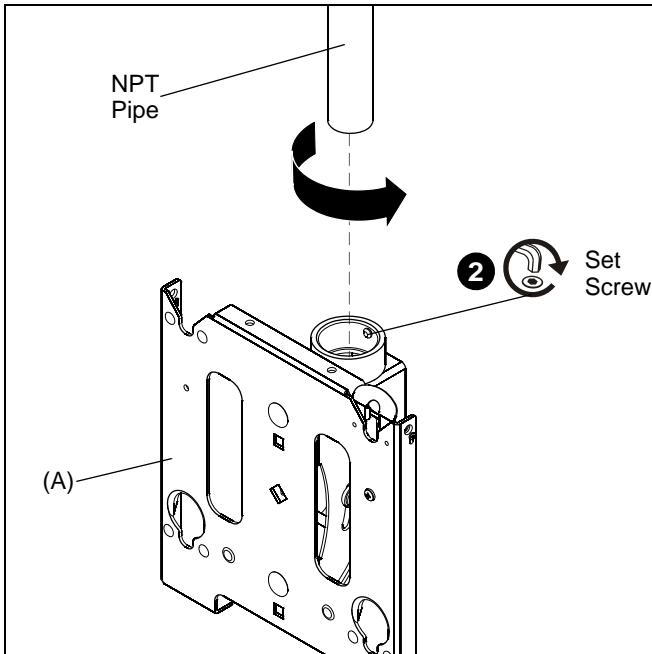


Figure 1

Attaching Interface Bracket to Display

1. Attach interface bracket to display following instructions included with interface bracket kit.

Attaching Displays to MCS

1. While supporting both sides of display, align four mounting buttons on display or interface bracket with four mounting holes in MCS. (See Figures 2, 3 and 4)

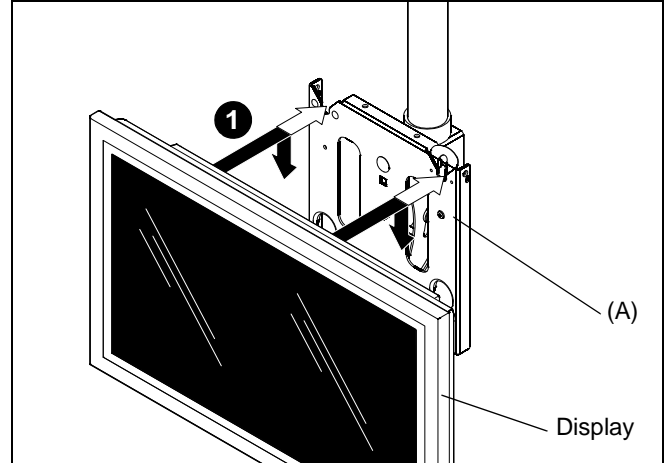


Figure 2



WARNING: DISPLAY MAY WEIGH IN EXCESS OF 40 LBS! Always use two people and proper lifting techniques when installing or positioning display on MCS.

2. Lower display into place listening for audible "click" to ensure recessed area of mounting buttons are properly seated in lower area of mounting holes. (See Fig. 2, 3 and 4)

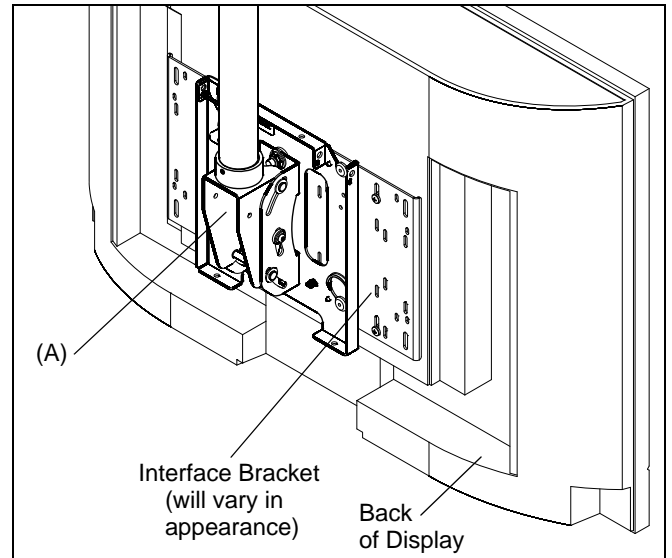


Figure 3



WARNING: IMPROPER INSTALLATION CAN LEAD TO DISPLAY FALLING CAUSING SERIOUS PERSONAL INJURY OR DAMAGE TO EQUIPMENT! Ensure mounting buttons are completely engaged in mounting holes.

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 4).

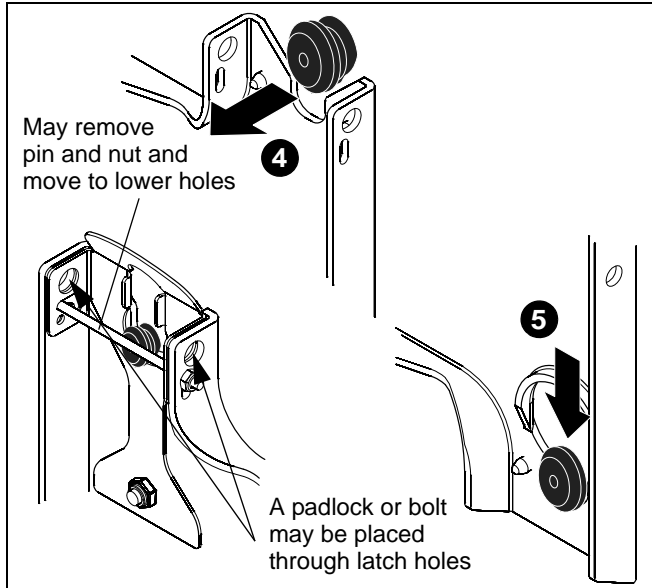


Figure 4

Removing Display from MCS

1. Disconnect all power/audio/video cables.
2. Remove bolt or padlock from faceplate (if used). (See Figure 5)

NOTE: The pin may have been used as a more permanent locking device. If so, remove nut and pin and move from the lower holes to the upper holes.

3. Pull back on flag on upper mounting hole and press pin down into "Open" position. (See Figure 5)



WARNING: THE DISPLAY MAY WEIGH IN EXCESS OF 40 LBS EACH! Always use two people and proper lifting techniques when installing or positioning display on MCS.

4. Carefully lift display from MCS.
5. Lift up on pin and place flag back against faceplate to return it to "Closed" position. (See Figure 5)

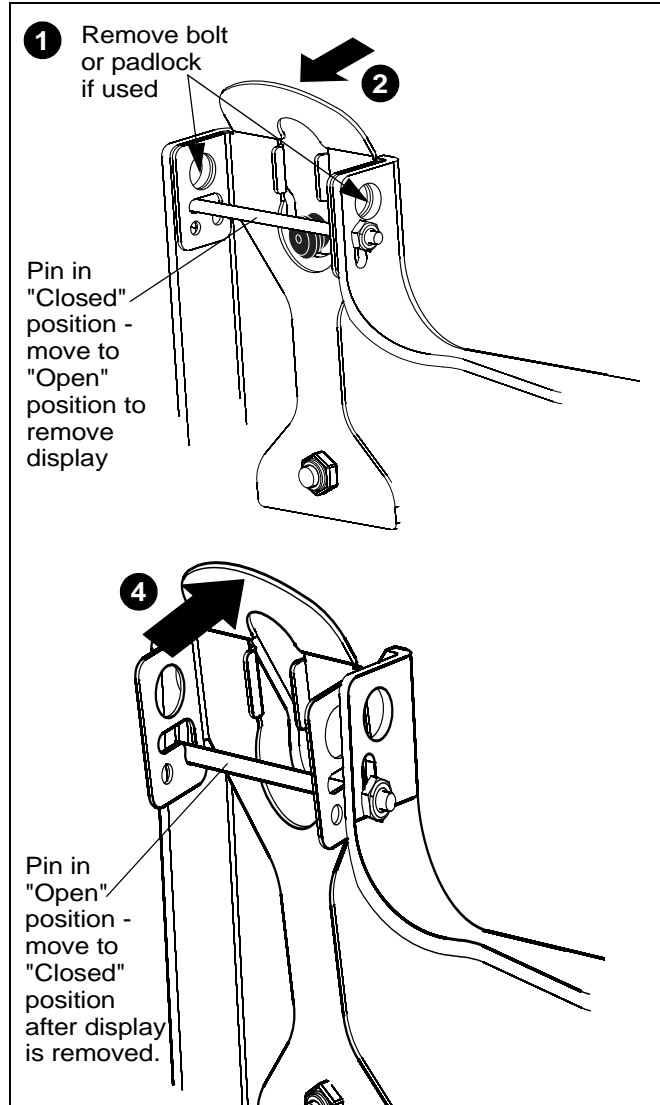


Figure 5

Adjusting Display



CAUTION: Watch for pinch points. Do not place fingers between moveable parts.

Adjusting Roll

1. Using a 9/16" wrench, loosen the Nylock roll adjustment nut on back of mounting plate. (See Figure 6)
2. Tilt the faceplate left or right as required.
3. Tighten nut.

NOTE: Do NOT overtighten fasteners.

Adjusting Pitch

1. Adjust display to the desired pitch.
2. Using the 5/32" hex head wrench (B), tighten the pitch adjustment screw to hold mount in position. (See Figure 6)

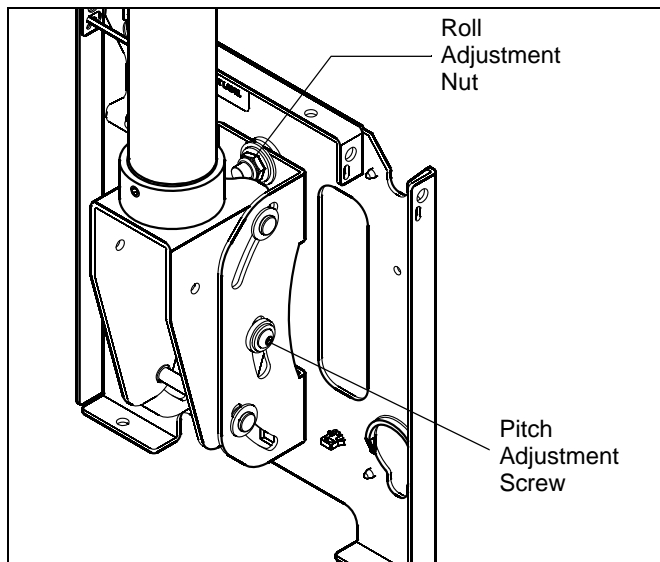


Figure 6



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