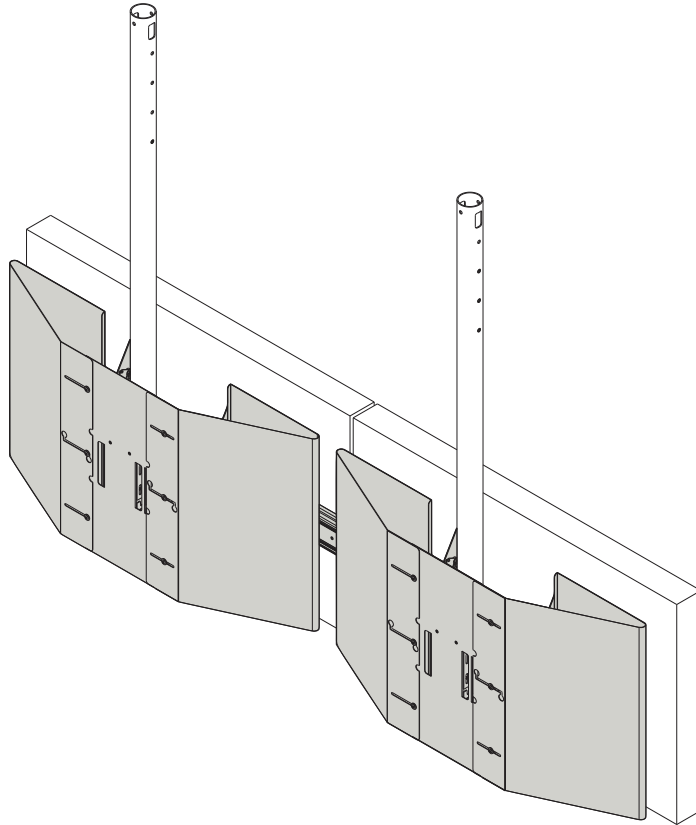

INSTALLATION INSTRUCTIONS



2 x 1 Outdoor Floor/Ceiling Mount

DISCLAIMER

Legrand | AV and its affiliated corporations and subsidiaries (collectively "Legrand | AV"), intend to make this manual accurate and complete. However, Legrand | AV 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. Legrand | AV makes no representation of warranty, expressed or implied, regarding the information contained herein. Legrand | AV assumes no responsibility for accuracy, completeness or sufficiency of the information contained in this document.

DEFINITIONS

MOUNTING SYSTEM: A MOUNTING SYSTEM is the primary Chief product to which an accessory and/or component is attached.

ACCESSORY: AN ACCESSORY is the secondary Chief product which is attached to a primary Chief product, and may have a component attached or setting on it.

COMPONENT: A COMPONENT is an audiovisual item designed to be attached or resting on an accessory or mounting system such as a video camera, CPU, screen, display, projector, etc.



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.



IMPORTANT SAFETY 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 mounting systems are properly assembled and installed using the instructions provided.



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



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 within the mounting system of the OLCM2X1U mounts does not exceed 125 (56.7 kg) per display or 250 lbs (113.4 kg) total.

125

125

NOTE: "Moment" ratings have NOT been evaluated by UL.



WARNING: Exceeding the maximum moment can result in serious personal injury or damage to equipment! It is the installer's responsibility to make sure the mounting system does not exceed a moment of 2000 ft-lbs. See table below for specific column specifications.

COLUMN MODEL	Weight capacity	Moment Length (IN) (ML)	Max Design Moment (FT-LBS) (MDM)
ODAC0203B	300 lbs (136 kg)	23 min - 36 max	2000
ODAC0304B	300 lbs (136 kg)	33 min - 48 max	2000
ODAC0405B	300 lbs (136 kg)	45 min - 60 max	2000
ODAC0506B	300 lbs (136 kg)	57 min - 72 max	2000
ODAC0708B	300 lbs (136 kg)	81 min - 96 max	2000



WARNING: Never operate this mounting system if it is damaged. Return the mounting system to a service center for examination and repair.



WARNING: Use this mounting system only for its intended use as described in these instructions. Do not use attachments not recommended by the manufacturer.



WARNING: Never operate this mounting system if it is damaged. Return the mounting system to a service center for examination and repair.



WARNING: Use this mounting system with other outdoor products only.

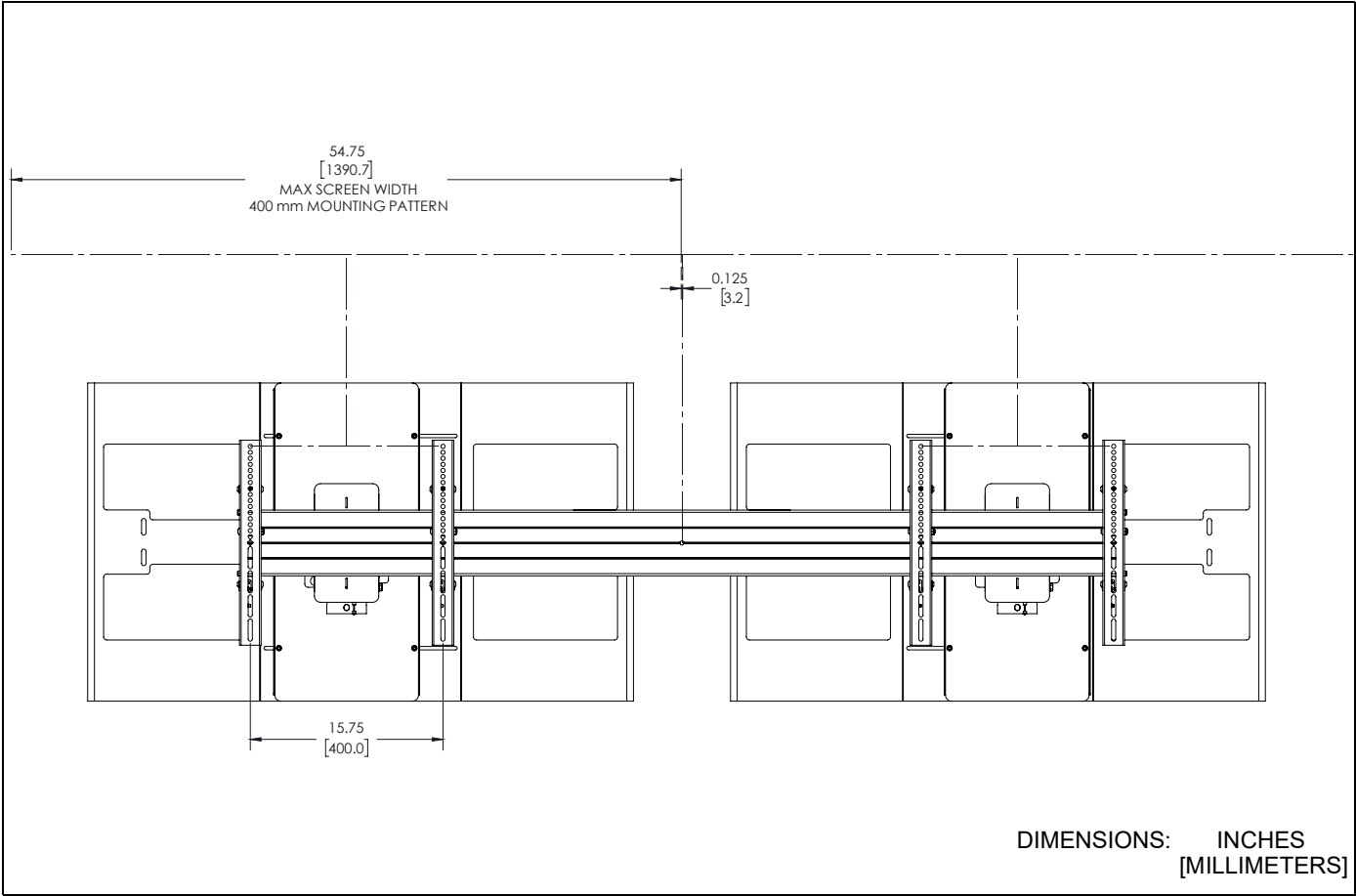
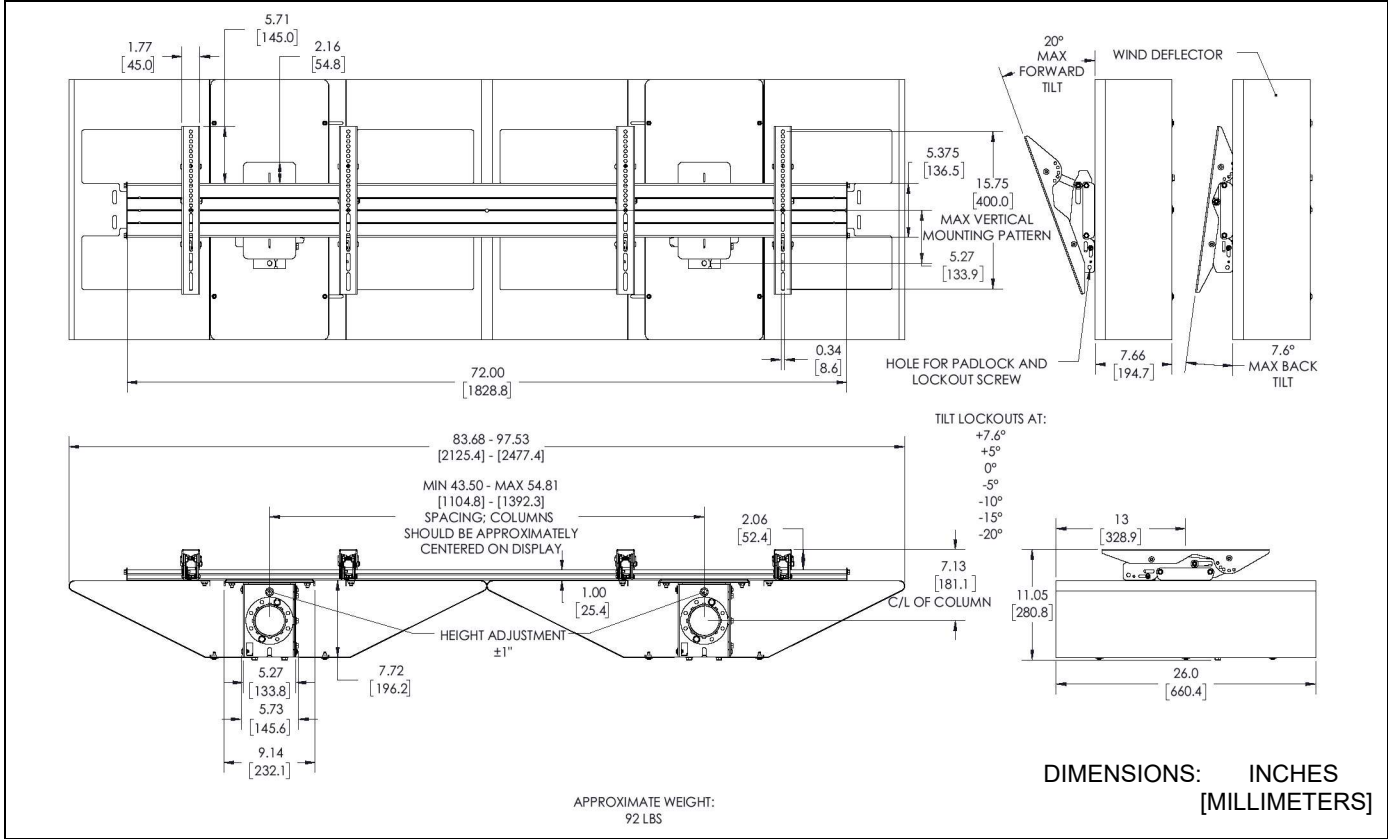


WARNING: Always use two people or a mechanical lifting device to safely lift and position equipment.

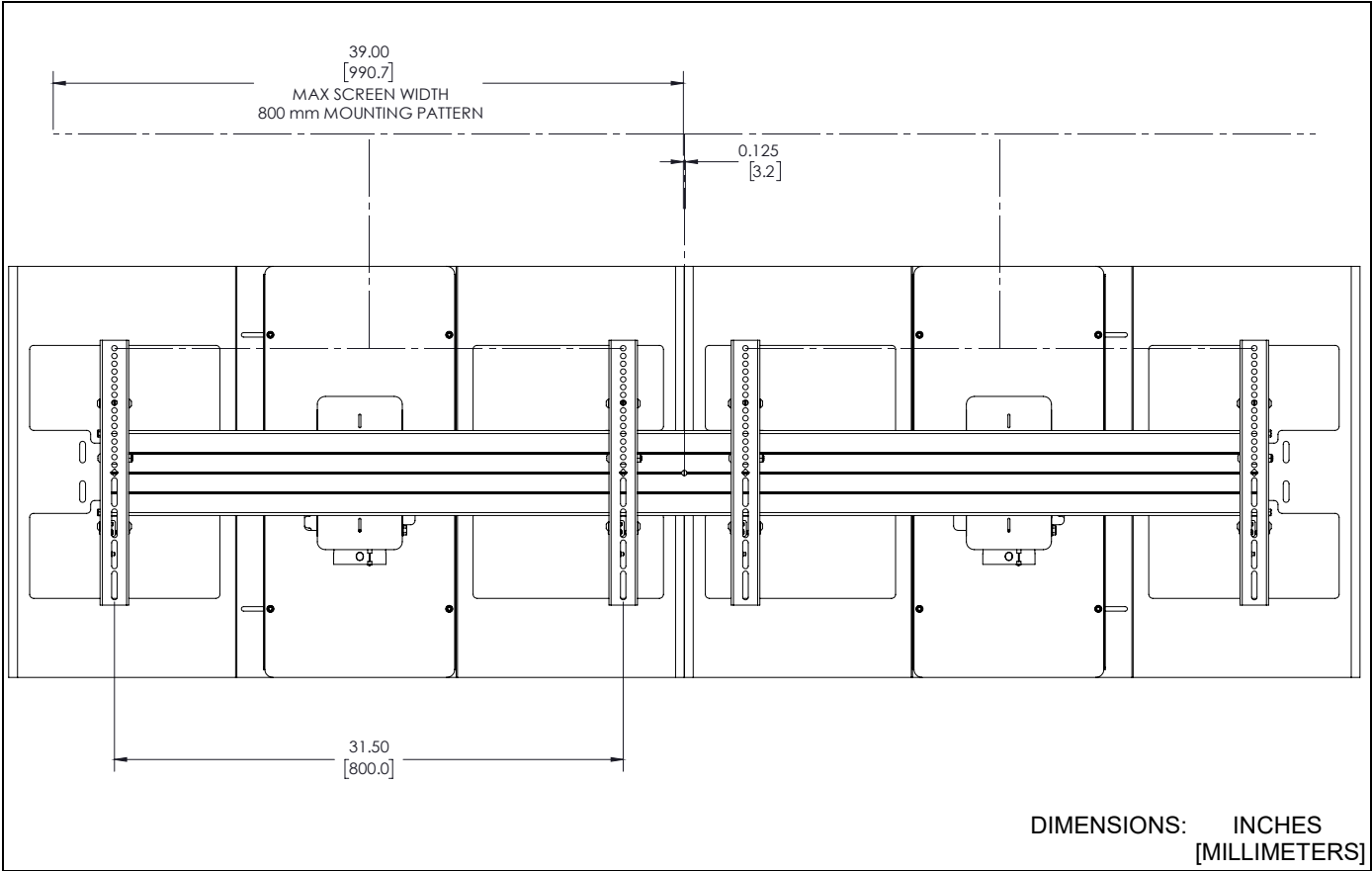
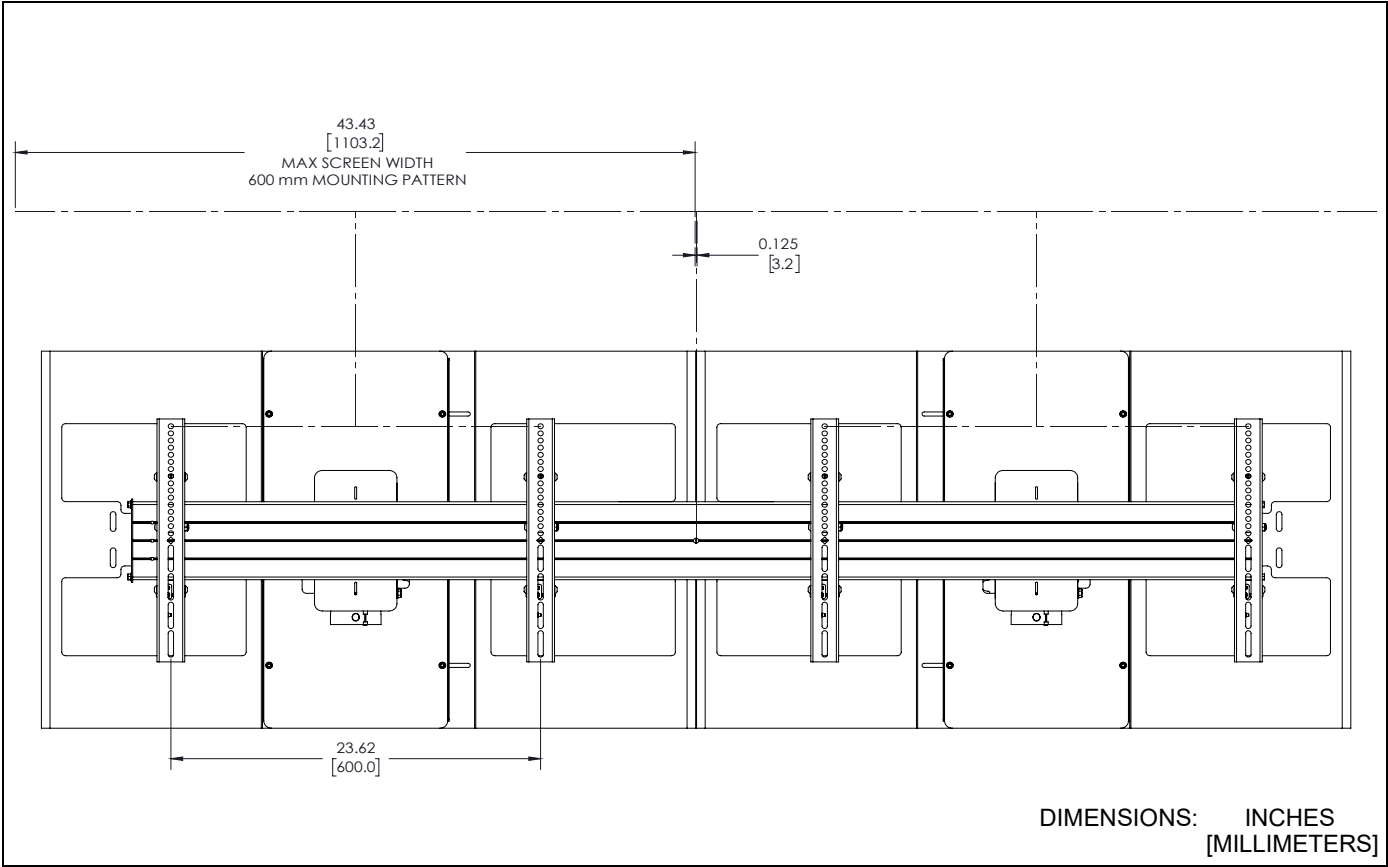
NOTE: The OLCM2X1U flat panel floor/ceiling mounts are intended to be used with UL Listed ODAC Series columns (not included): ODAC0203, ODAC0304, ODAC0405, ODAC0506, ODAC0708.

--SAVE THESE INSTRUCTIONS--

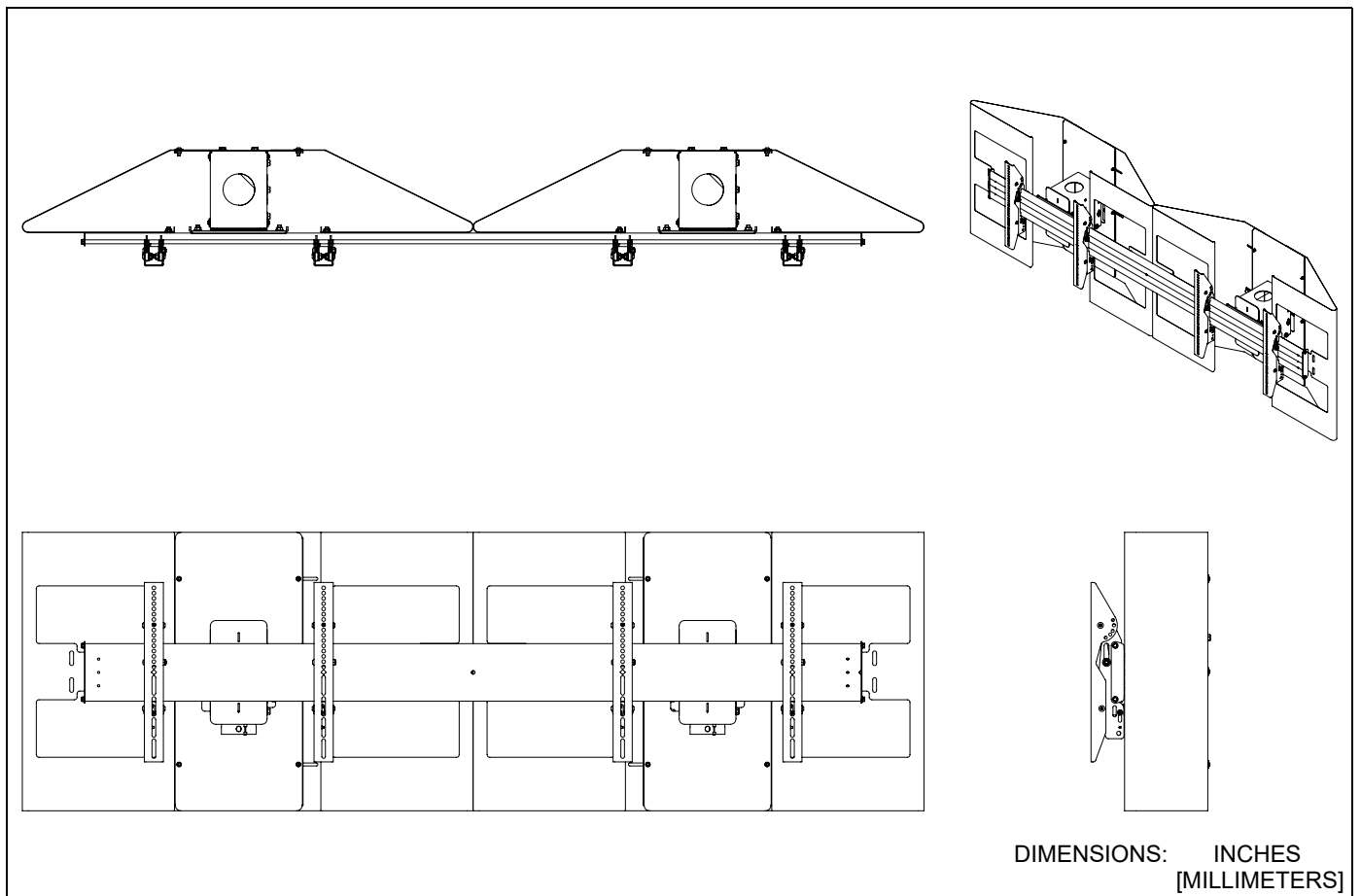
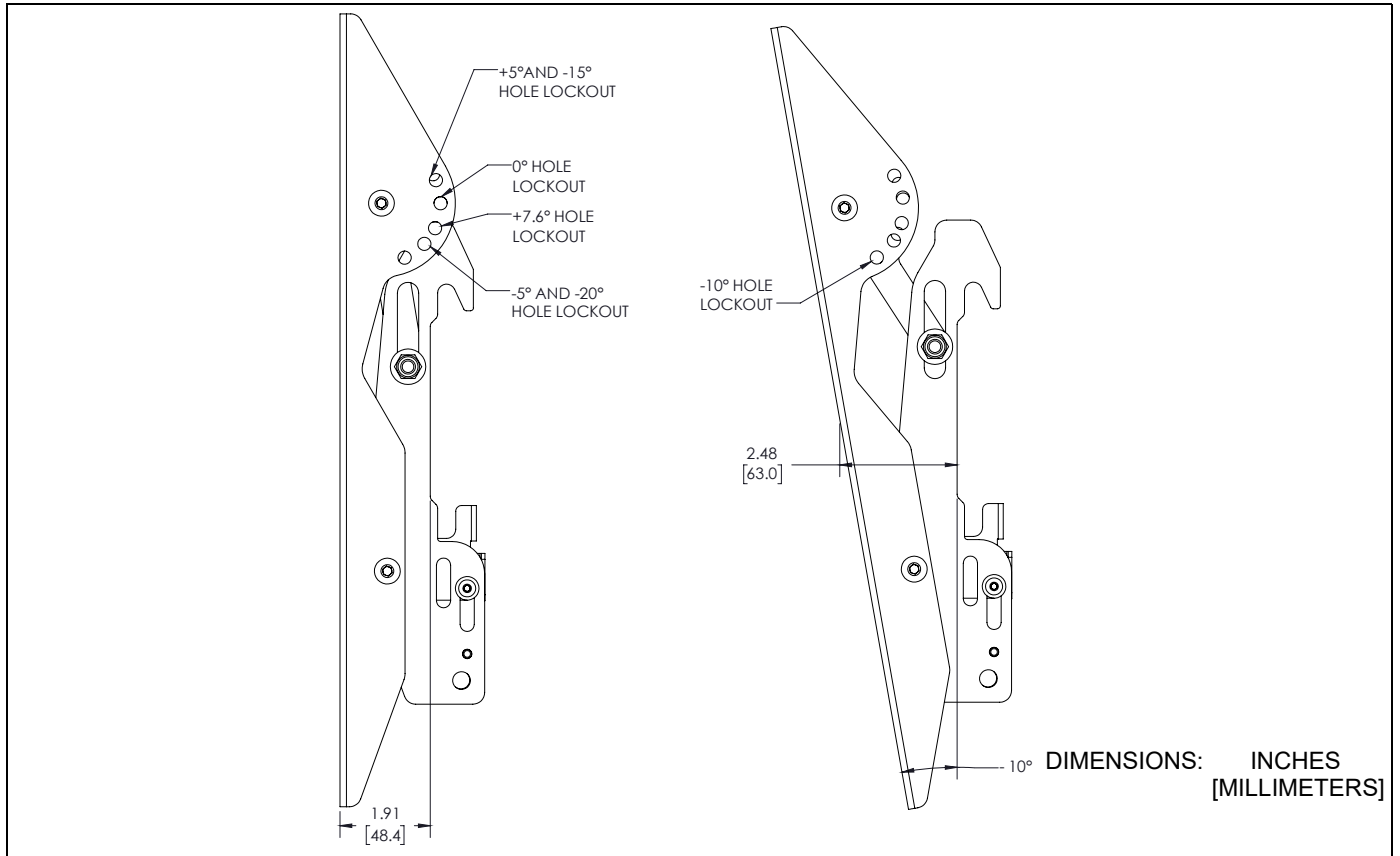
DIMENSIONS



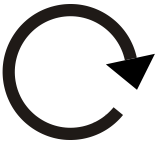











DIMENSIONS - cont'd.



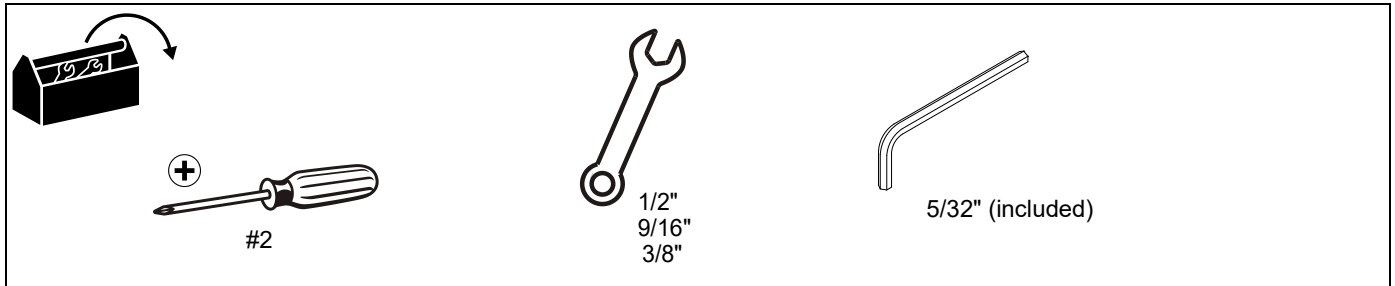
DIMENSIONS - cont'd.



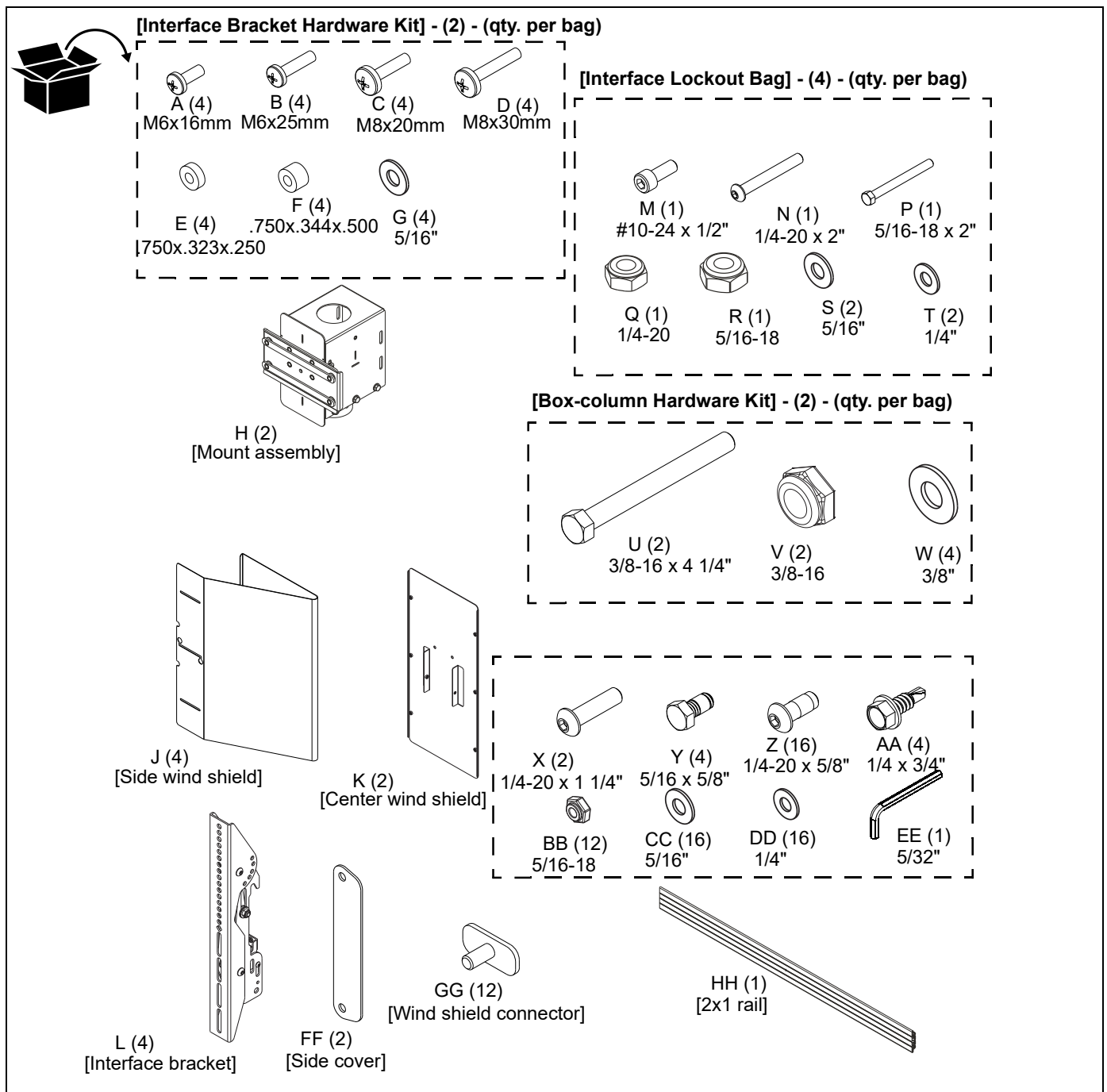
LEGEND

	Tighten Fastener Apretar elemento de fijación Befestigungsteil festziehen Apertar fixador Serrare il fissaggio Bevestiging vastdraaien Serrez les fixations		Pencil Mark Marcar con lápiz Stiftmarkierung Marcar com lápis Segno a matita Potloodmerkten Marquage au crayon
	Loosen Fastener Aflojar elemento de fijación Befestigungsteil lösen Desapertar fixador Allentare il fissaggio Bevestiging losdraaien Desserrez les fixations		Drill Hole Perforar Bohrloch Fazer furo Praticare un foro Gat boren Percez un trou
	Phillips Screwdriver Destornillador Phillips Kreuzschlitzschraubendreher Chave de fendas Phillips Cacciavite a stella Kruiskopschroevendraaier Tournevis à pointe cruciforme		Adjust Ajustar Einstellen Ajustar Regolare Afstellen Ajuster
	Open-Ended Wrench Llave de boca Gabelschlüssel Chave de bocas Chiave a punte aperte Steeksleutel Clé à fourche		Remove Quitar Entfernen Remover Rimuovere Verwijderen Retirez
	By Hand A mano Von Hand Com a mão A mano Met de hand À la main		Optional Opcional Optional Opcional Opzionale Optie En option
	Hex-Head Wrench Llave de cabeza hexagonal Sechskantschlüssel Chave de cabeça sextavada Chiave esagonale Zeskantsleutel Clé à tête hexagonale		Security Wrench Llave de seguridad Sicherheitsschlüssel Chave de segurança Chiave di sicurezza Veiligheidssleutel Clé de sécurité

TOOLS REQUIRED FOR INSTALLATION



PARTS



INSTALLATION

IMPORTANT ! : The following procedure assumes that:

- Two UL Listed ODAC Series Floor/Ceiling Columns (not included) have been properly installed following instructions provided with plates and pipes.

Attaching Mount to ODAC Series Column



CAUTION: WATCH FOR PINCH POINTS! Do not place fingers between movable parts.

Attaching Mount to ODAC Series Column



CAUTION: WATCH FOR PINCH POINTS! Do not place fingers between movable parts.

- Slide mount assemblies (H) onto ODAC Series Floor/Ceiling Columns. (See Figure 1) or (See Figure 2)
- Use two 3/8-16 x 4 1/4" hex head tapping bolts (U), four 3/8" washers (W) and two 3/8-16 hex nuts (V) to secure each mount assembly (H) to each column. (See Figure 1) or (See Figure 2)

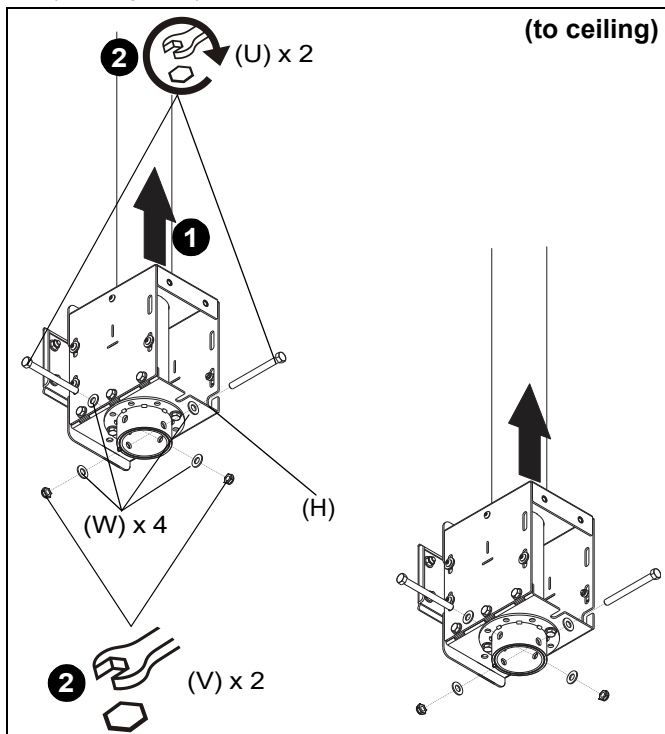


Figure 1

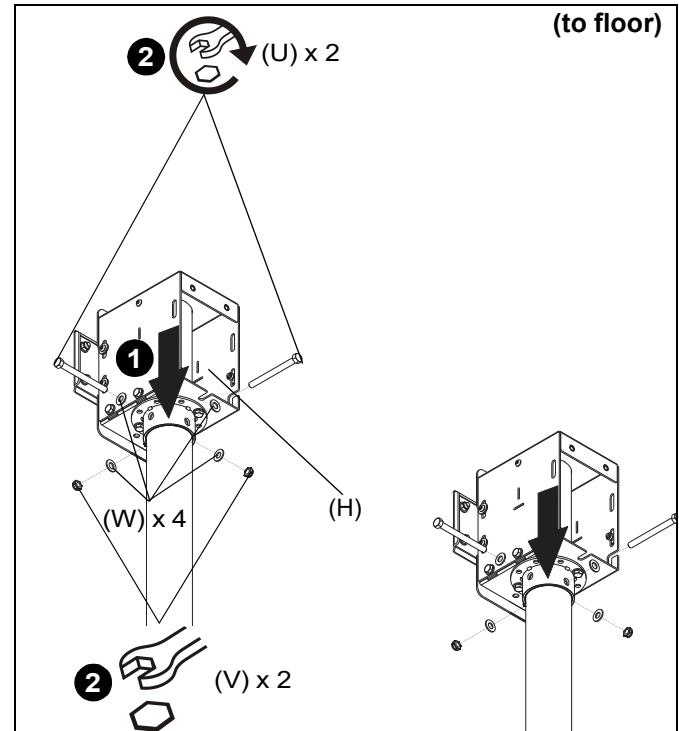


Figure 2

- Install 1/4-20 x 1 1/4" button head cap screws (X) into each mount assembly (H) to prevent column from rattling. (See Figure 3)

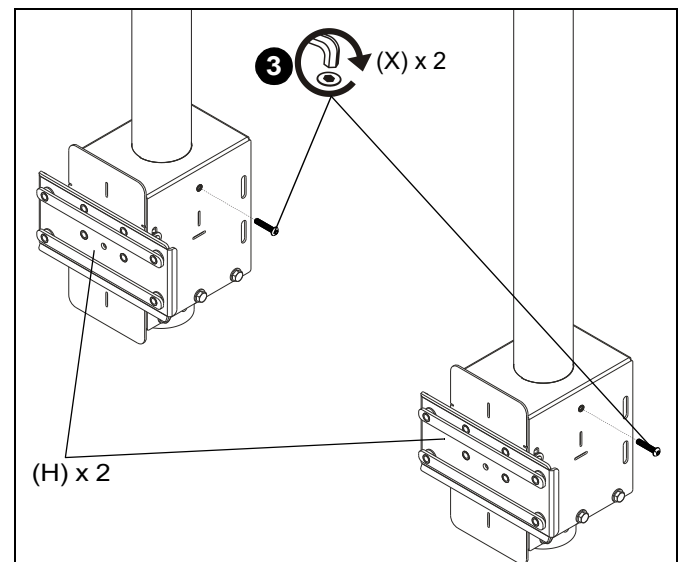


Figure 3

4. Slide 2 x 1 rail (HH) onto one of two assemblies (H) attached to column. (See Figure 4)

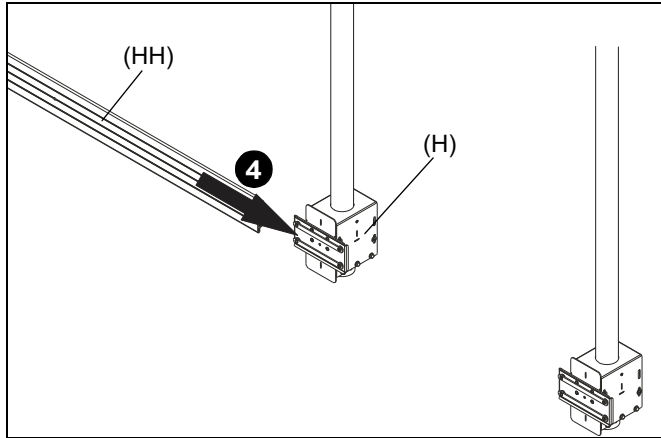


Figure 4

5. Slide four wind shield connectors (GG) into back grooves on 2 x 1 rail (HH). (See Figure 5)

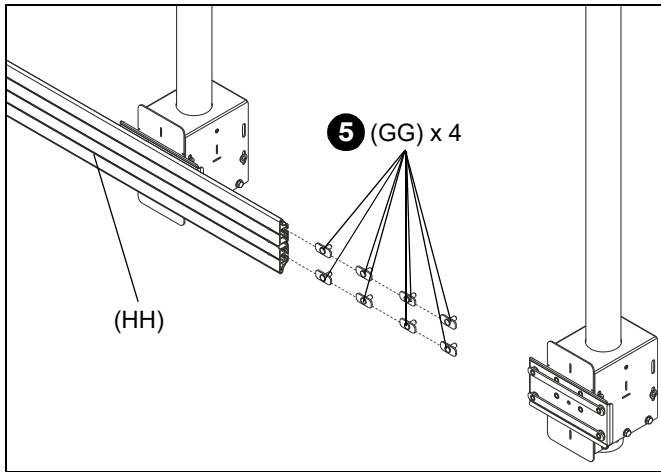


Figure 5

6. Tighten four bolts on back of each assembly to secure rail (HH) in place. (See Figure 6)

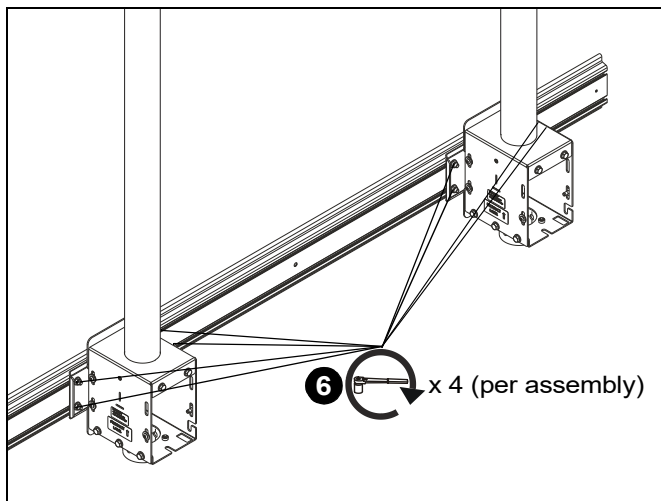


Figure 6

7. Slide 2 x 1 rail (HH) onto second assembly (H) attached to column. (See Figure 7)

8. Slide two wind shield connectors (GG) into back grooves on 2 x 1 rail (HH) on each side. (See Figure 7)

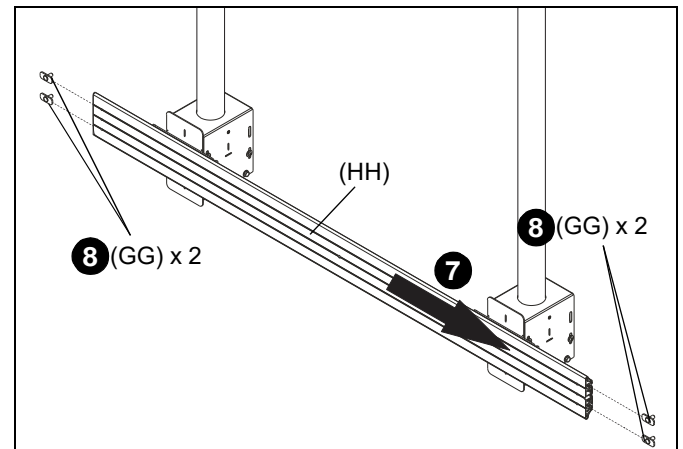


Figure 7

9. Use four 1/4 x 3/4" hex flange bolts (AA) to secure two side covers (FF) to ends of rail (HH). (See Figure 8)

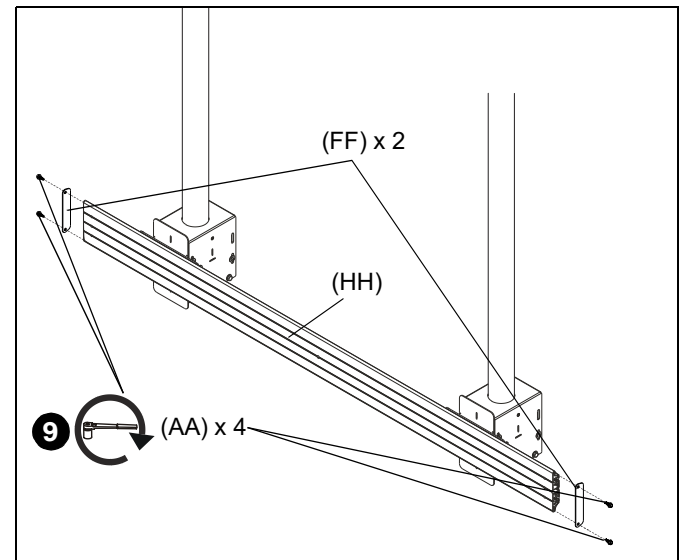


Figure 8

Attach Wind Shield to Mount

1. Use two 5/16 x 5/8" hex head bolts (Y) and two 5/16" washers (CC) to secure center wind shield (K) to back of mount assembly (H). (See Figure 9)

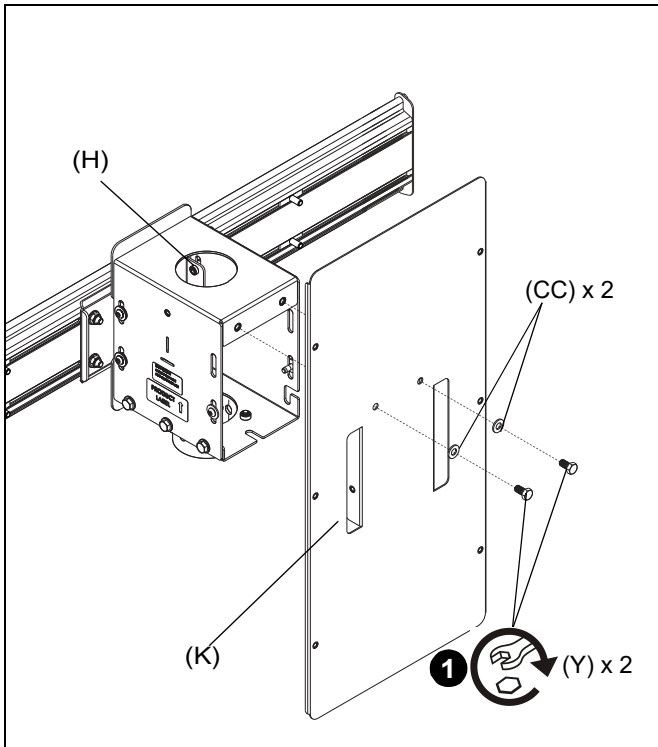


Figure 9

2. Use two 1/4-20 x 5/8" cap screws (Z) and two 1/4" washers (DD) to secure center wind shield (K) to sides of mount assembly (H). (See Figure 10)

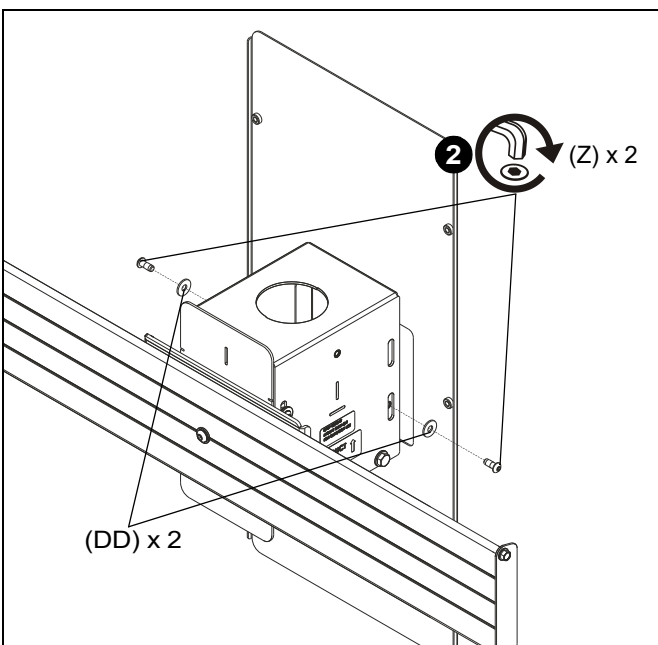


Figure 10

3. Loosely install two 1/4-20 x 5/8" button head cap screws (Z) and two 1/4" washers (DD) into two center holes on center wind shield (K). (See Figure 11)

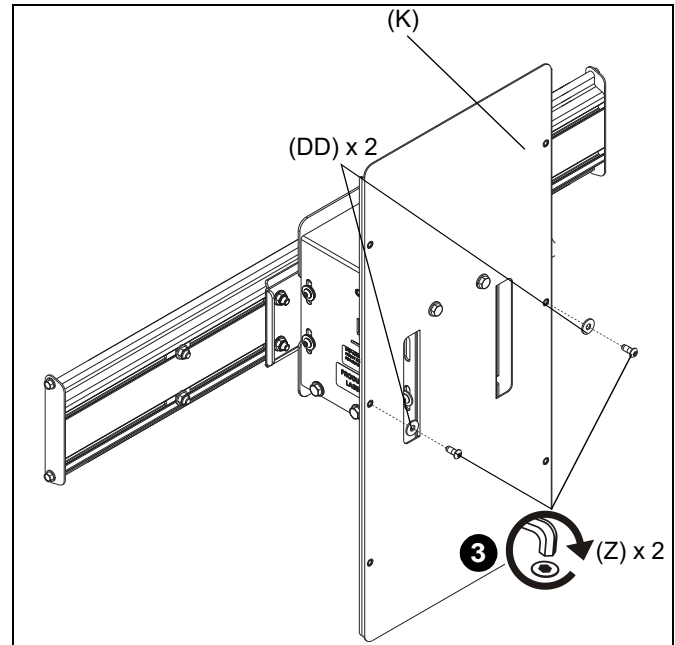


Figure 11

4. Hang two side wind shields (J) onto screws loosely installed in Step 3 using teardrop holes in center slots. (See Figure 12)
5. Slide wind shields (J) horizontally to desired mounting position. (See Figure 12)

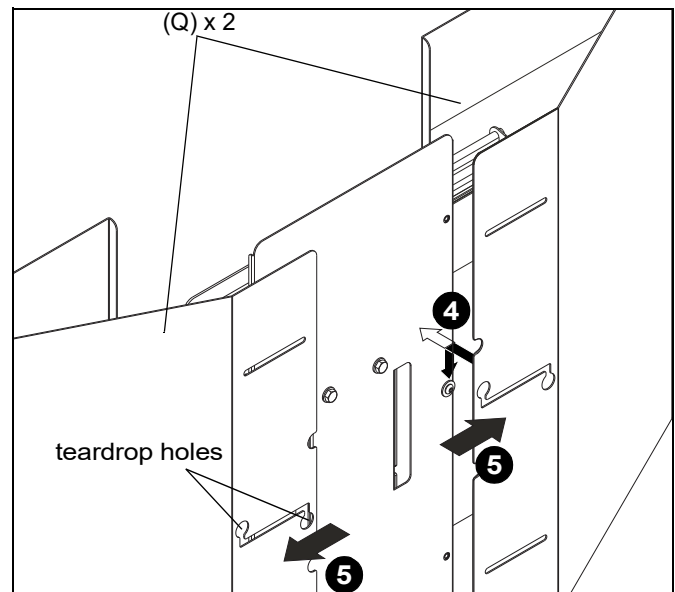


Figure 12

6. Use four 1/4-20 x 5/8" button head cap screws (Z) and four 1/4" washers (DD) to secure two side wind shields (J) to center wind shield (K). (See Figure 13)
7. Tighten all six screws (Z).

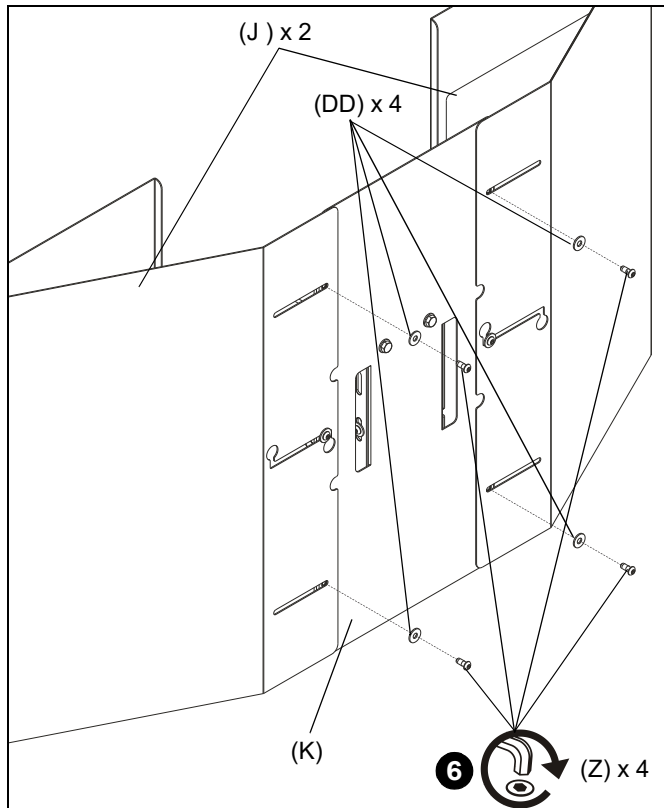


Figure 13

8. Use six 5/16-18 hex nuts (BB) and six 5/16" washers (CC) to secure six wind shield connectors to side wind shields (J). (See Figure 14)

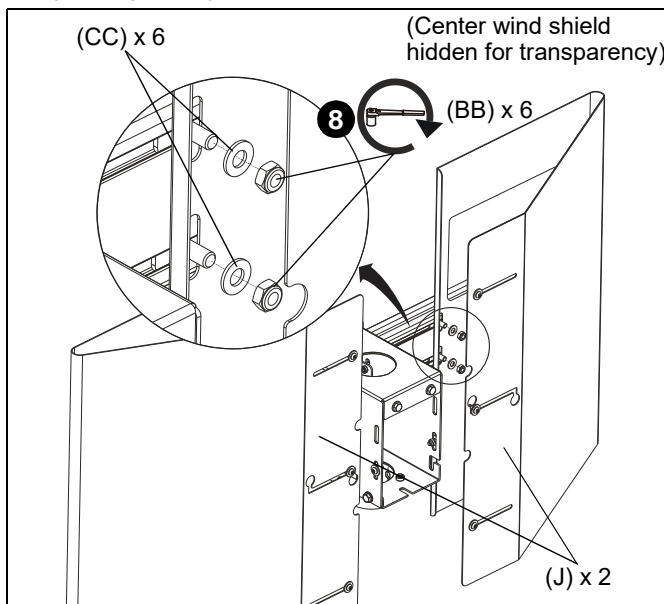


Figure 14

9. Repeat Steps 1-8 to install second wind shield to second mount assembly.

Attaching Interface Brackets to Display

1. Lower the latch mechanism on each interface bracket (L). (See Figure 15)

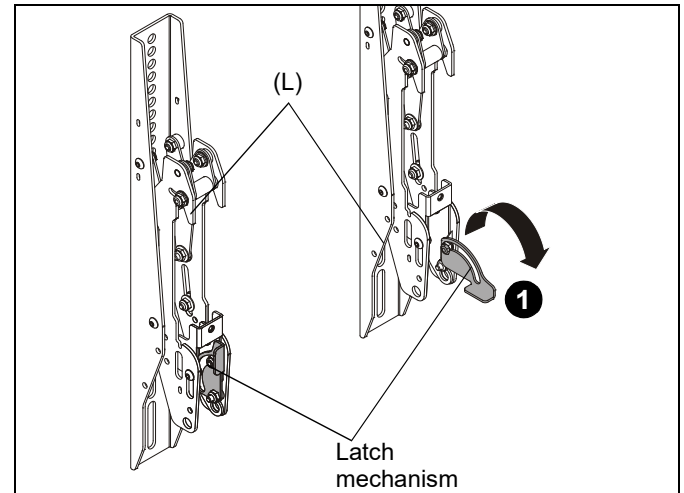


Figure 15

2. Align the center of the interface bracket (L) with center of screen. (See Figure 16)

NOTE: The diamond-shape hole in the bracket corresponds to the center of the mount.

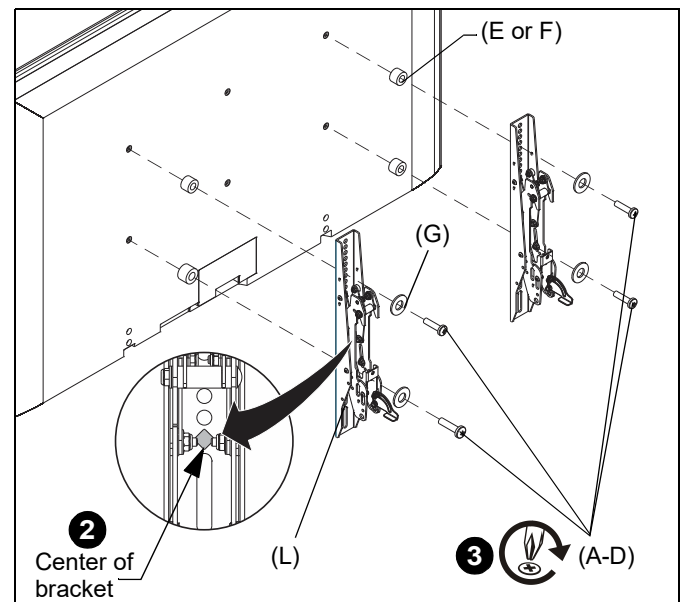


Figure 16



WARNING: IMPROPER INSTALLATION CAN LEAD TO DISPLAY FALLING CAUSING SERIOUS PERSONAL INJURY OR DAMAGE TO EQUIPMENT! Using screws of improper size may damage your display. Properly sized screws will easily and completely thread into display mounting holes. If spacers are required, be sure to use longer screws of the same diameter.

3. Select correct screws, spacers (if necessary) and washers from the hardware bag (A-G) and attach brackets (L) to back of screen. (See Figure 16)

Attaching Display to Ceiling Mount



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 within the mounting system of the OLCM2X1U mounts does not exceed 125 (56.7 kg) per display or 250 lbs (113.4 kg) total.

125	125
-----	-----

1. Ensure that the latch mechanisms on interface brackets (L) are already lowered. (See Figure 15)
2. While supporting both sides of display, lower display onto ceiling mount, hooking top of interface brackets onto front of ceiling mount. (See Figure 17)



WARNING: IMPROPER INSTALLATION CAN LEAD TO DISPLAY FALLING CAUSING SERIOUS PERSONAL INJURY OR DAMAGE TO EQUIPMENT! The display MUST be centered on the ceiling mount.

3. Raise the latch mechanism on both interface brackets to lock bracket in place. (See Figure 17)

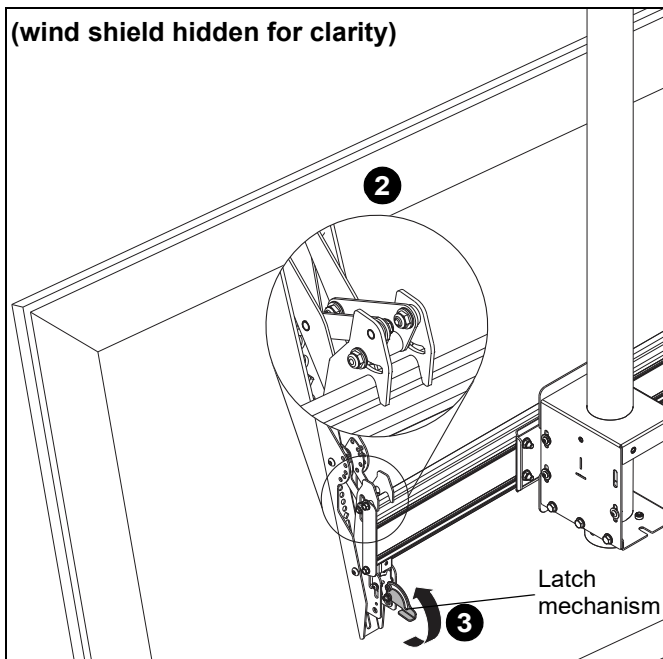


Figure 17

4. Fasten brackets against ceiling mount extrusion using two #10-24 x 1/2" socket head cap screws (M). (See Figure 18)

5. Repeat for other interface bracket.

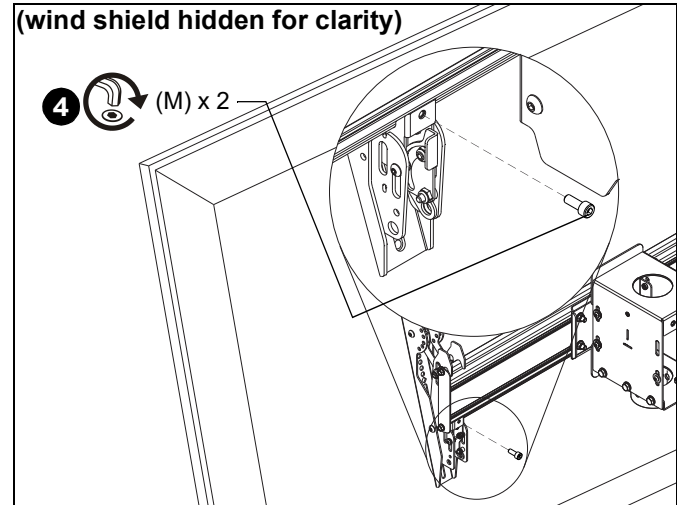


Figure 18

Adjustments



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

Tilt

The interface brackets allow -7.6° to 20° tilt, and can be locked at -7.6°, -5°, 0°, 5°, 10°, 15° and 20° tilt. (See Figure 19)

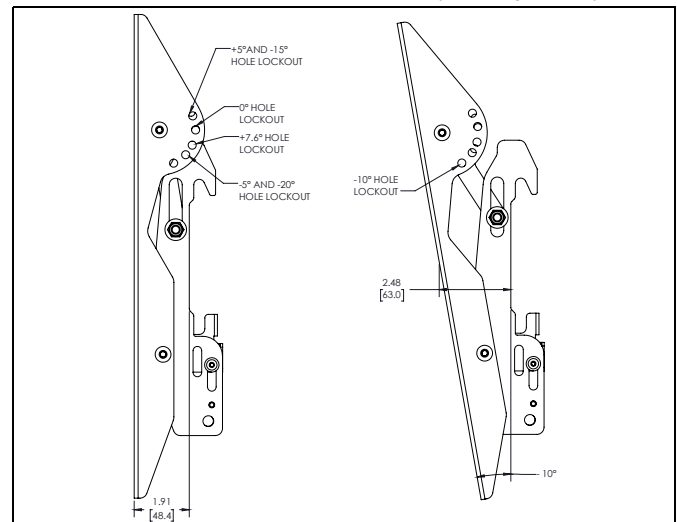


Figure 19

1. If necessary, loosen button head tilt friction bolt (located on side of interface bracket). (See Figure 20)
2. Adjust tilt as required. (See Figure 20)
3. The tilt may be locked at -7.6°, -5°, 0°, 5°, 10°, 15° and 20° using one 1/4-20 x 2" Phillips head screw (N), one 1/4-20 lock nut (Q) and one 1/4" washer (T) per interface bracket. (See Figure 19) and (See Figure 20)

NOTE: Use of washers (T) is optional.

4. Tighten button head tilt friction bolt as necessary.

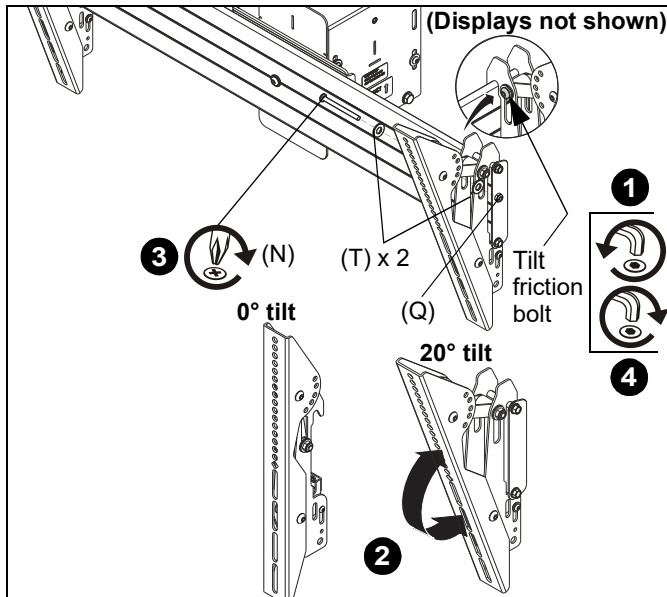


Figure 20

Level Adjustment

1. Adjust level adjustment screws to change roll position. The roll may be adjusted 1" in either direction. (See Figure 21)

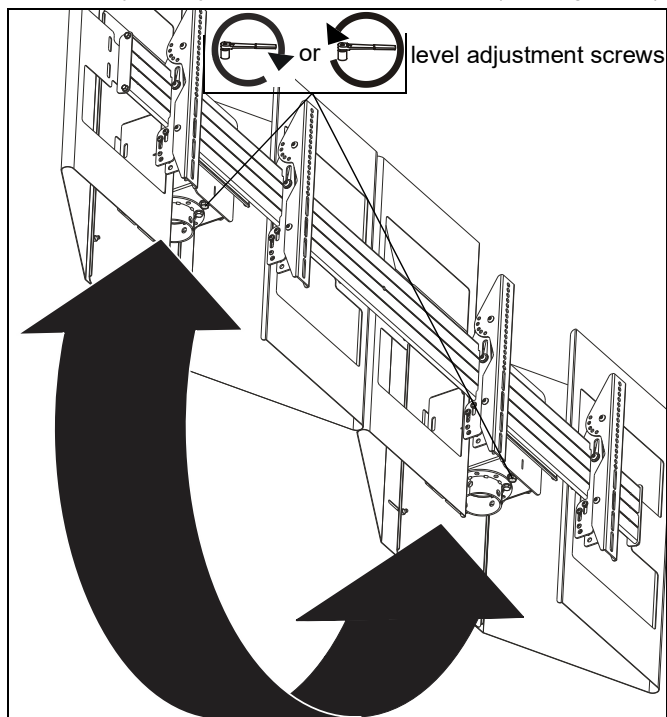


Figure 21

Latch Lock/Security

IMPORTANT ! : In order to prevent interface latch from getting loose due to strong winds, the latch **MUST** be locked either using a padlock or locking bolt (N) and 5/16-18 hex nuts (Q). This is **NOT** optional!

Using Padlocks (Security)

1. Add padlock (not included) to each interface bracket to lock latch and to provide security for displays. (See Figure 22)

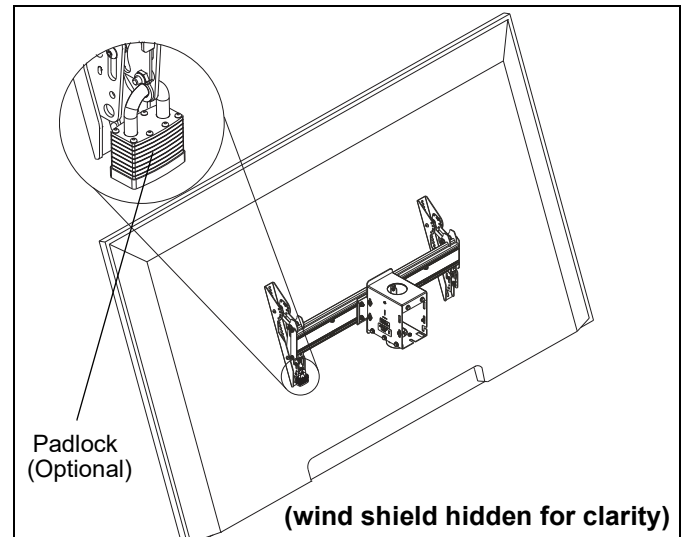


Figure 22

Using Bolts/Nuts

NOTE: This will keep latch from opening but does not provide additional security for the displays.

1. Use 5/16-18 x 2" hex head carriage bolt (P), 5/16-18 hex nut (R) and two 5/16" washer (S) to lock each interface bracket latch in place. (See Figure 23)

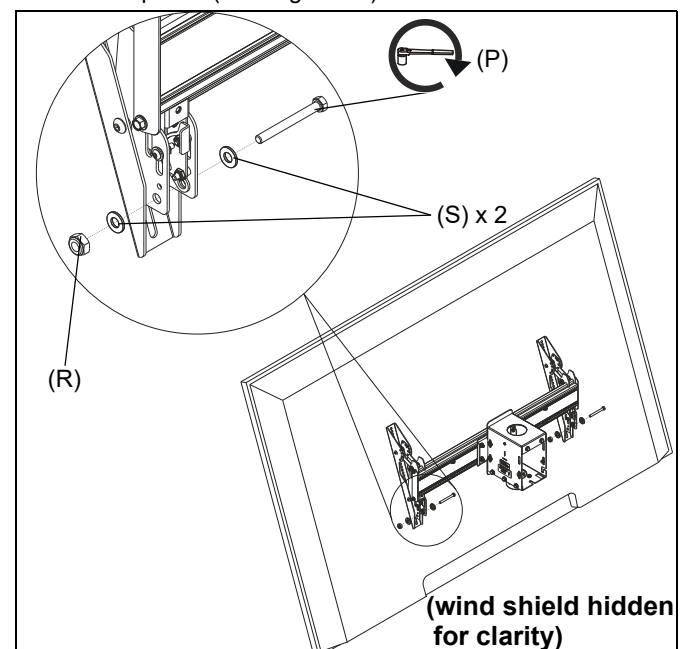


Figure 23



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