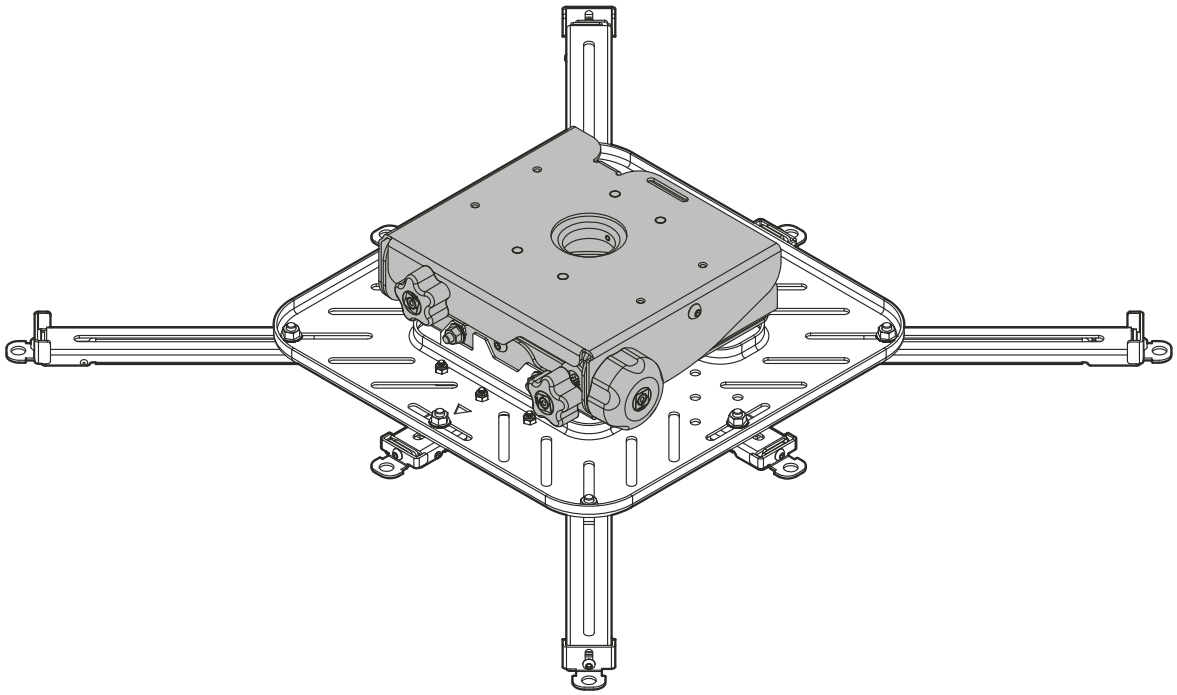
INSTALLATION INSTRUCTIONS



XL Projector Mount

CHIEF®

A brand of legrand®

VCTU / VCT000

DISCLAIMER

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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 between the supporting structure and the VCT000 / VCTU does not exceed 150 lbs (68.0 kg).

- The weight capacity of the VCT000 / VCTU may be LIMITED to the lowest weight capacity of any other component located between the VCT000 / VCTU and the supporting structure.

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: Do not use this mounting system outdoors.

IMPORTANT ! : The VCT000 / VCTU mounting system is designed to be mounted to:

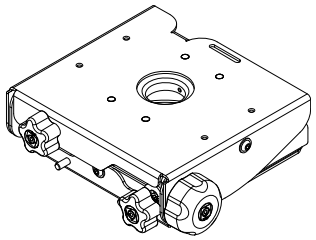
- a 1-1/2" NPT or NPSM following ANSI/ASME B1.20.1 (Schedule 40, 0.154" minimum thickness steel or aluminum-ASTM B221) threaded extension column (not included).

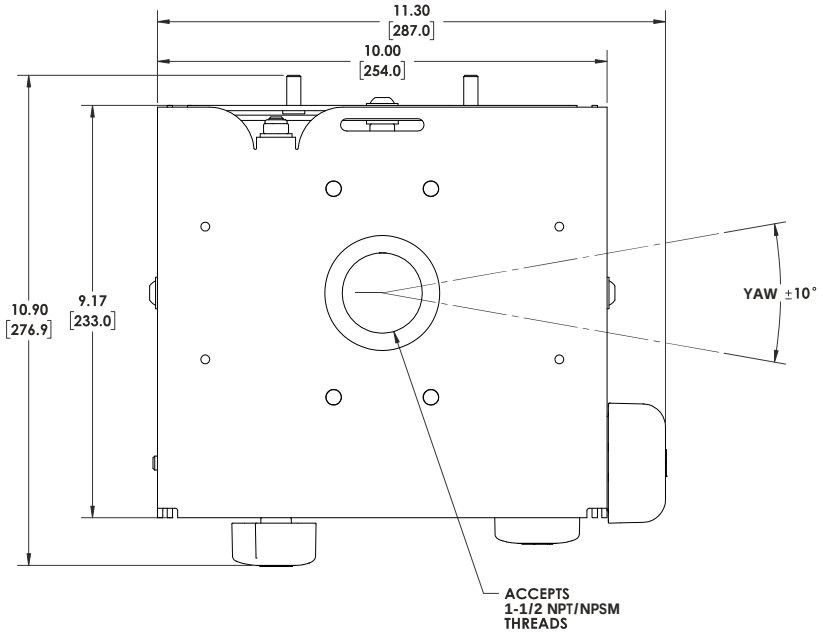
NOTE: The VCT000 mounting system may be used with Listed Chief model HCU. When used together, the referenced model becomes the VCTU.

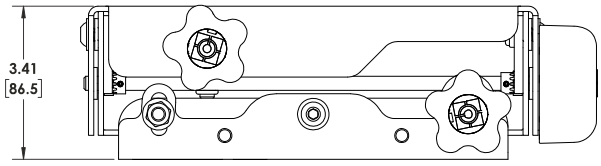
--SAVE THESE INSTRUCTIONS--

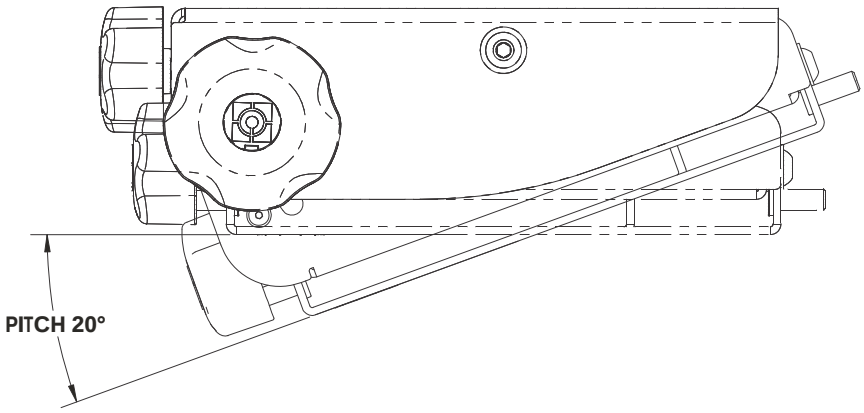
DIMENSIONS

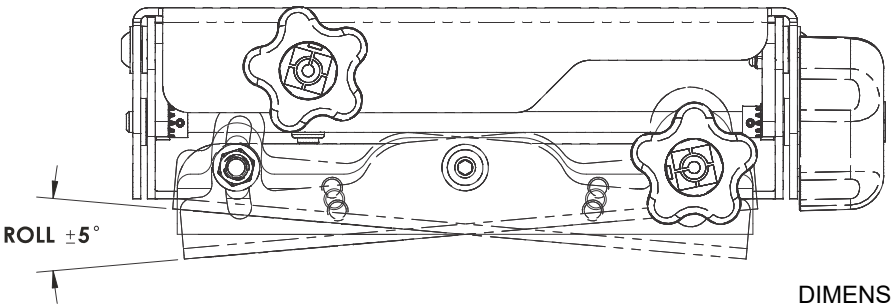
VCT000
[Mount only]







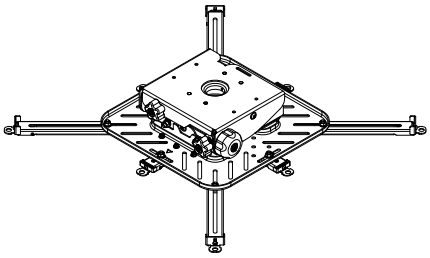


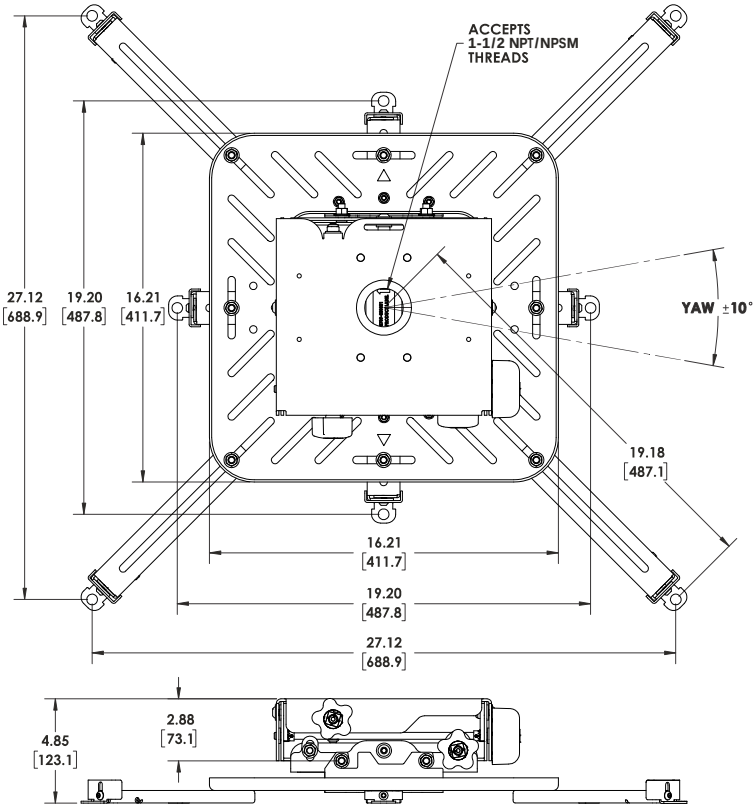


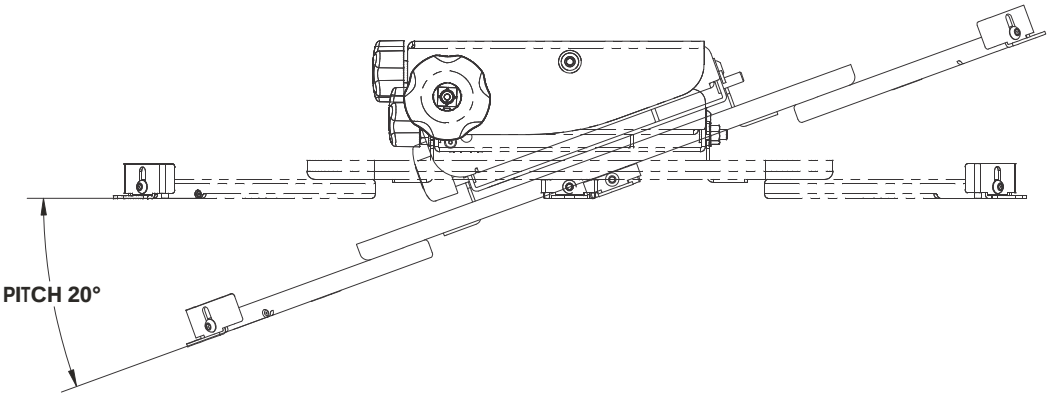
DIMENSIONS: INCHES
[MILLIMETERS]

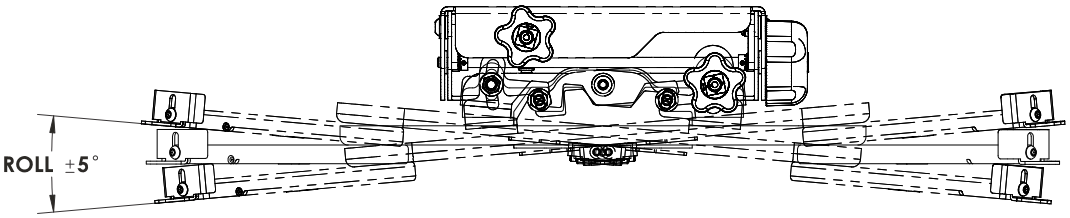
DIMENSIONS...cont'd

VCTU
[Mount & HCU interface]



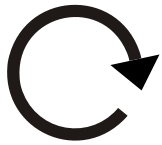
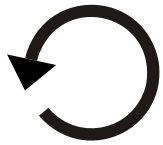




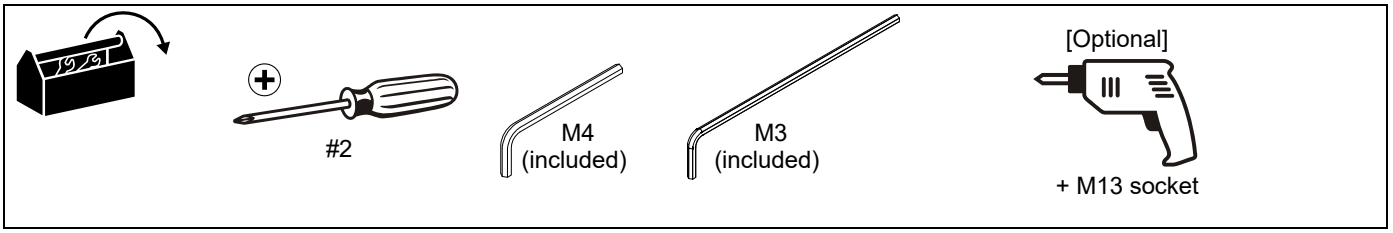


DIMENSIONS: INCHES
[MILLIMETERS]

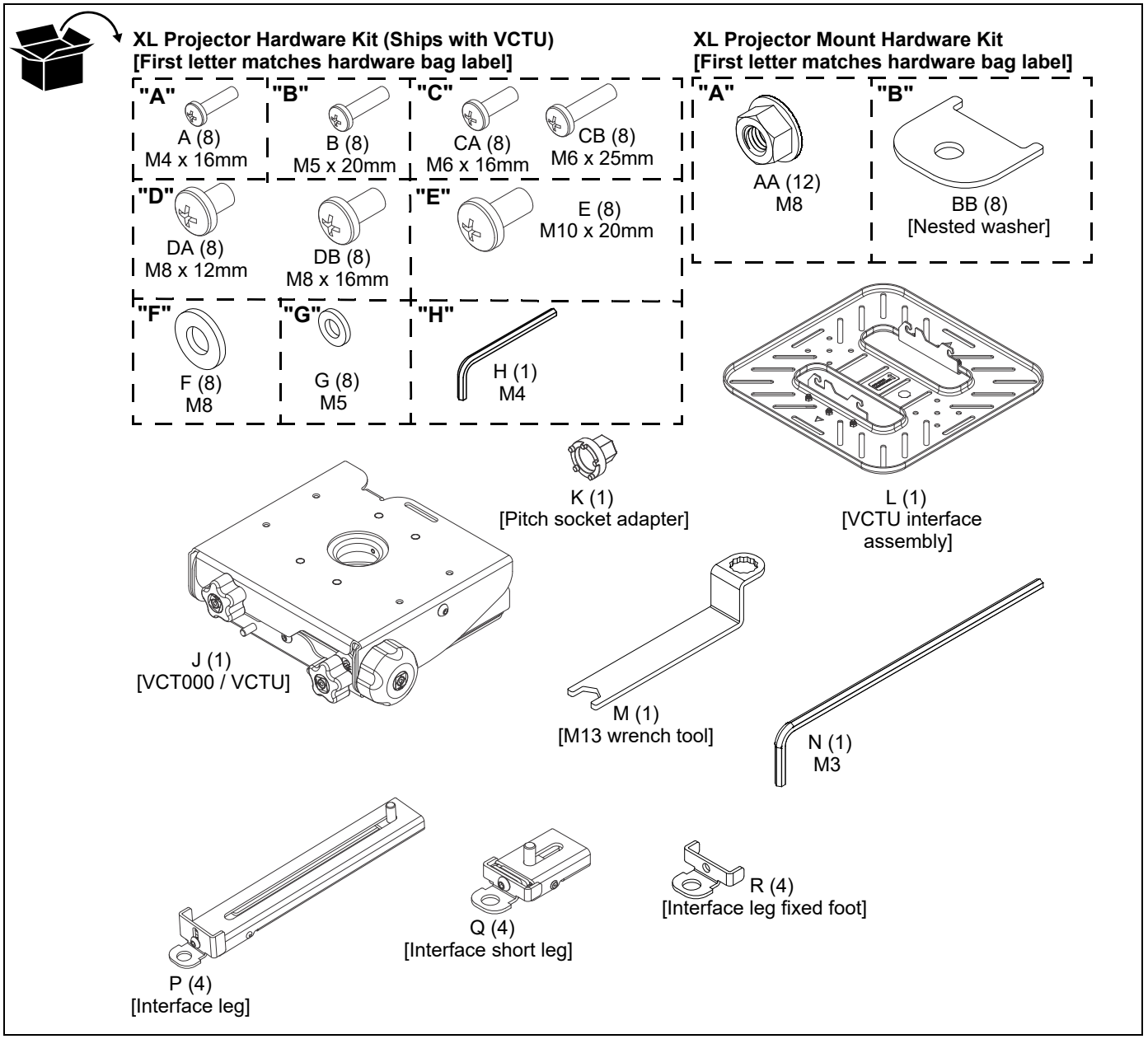
LEGEND

	Tighten Fastener Apretar elemento de fijación Befestigungsteil festziehen Apertar fixador Serrare il fissaggio Bevestiging vastdraaien Serrez les fixations
	Adjust Ajustar Einstellen Ajustar Regolare Afstellen Ajuster
	Loosen Fastener Aflojar elemento de fijación Befestigungsteil lösen Desapertar fixador Allentare il fissaggio Bevestiging losdraaien Desserrez les fixations
	Remove Quitar Entfernen Remover Rimuovere Verwijderen Retirez
	Phillips Screwdriver Destornillador Phillips Kreuzschlitzschraubendreher Chave de fendas Phillips Cacciavite a stella Kruiskopschroevendraaier Tournevis à pointe cruciforme
	Optional Opcional Optional Opcional Opzionale Optie En option
	Open-Ended Wrench Llave de boca Gabelschlüssel Chave de bocas Chiave a punte aperte Steeksleutel Clé à fourche
	Security Wrench Llave de seguridad Sicherheitsschlüssel Chave de segurança Chiave di sicurezza Veiligheidssleutel Clé de sécurité
	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

TOOLS REQUIRED FOR INSTALLATION



PARTS



INSTALLATION

NOTE: In the following instructions, the term VCT refers to both the VCT000 and/or the VCTU.

The VCT mount is designed to be mounted to:

- a 1-1/2" NPT or NPSM following ANSI/ASME B1.20.1 (Schedule 40, 0.154" minimum thickness steel or aluminum-ASTM B221) threaded extension column (not included).

Installing VCT to Extension Column

IMPORTANT ! : These installation instructions assume that a 1-1/2" NPT or NPSM (Schedule 40, 0.154" minimum thickness steel or aluminum - ASTM B221) pipe (not included) has been properly installed and is in place.

1. Loosen and remove the set screw which ships installed in the VCT mount (J). (See Figure 1)

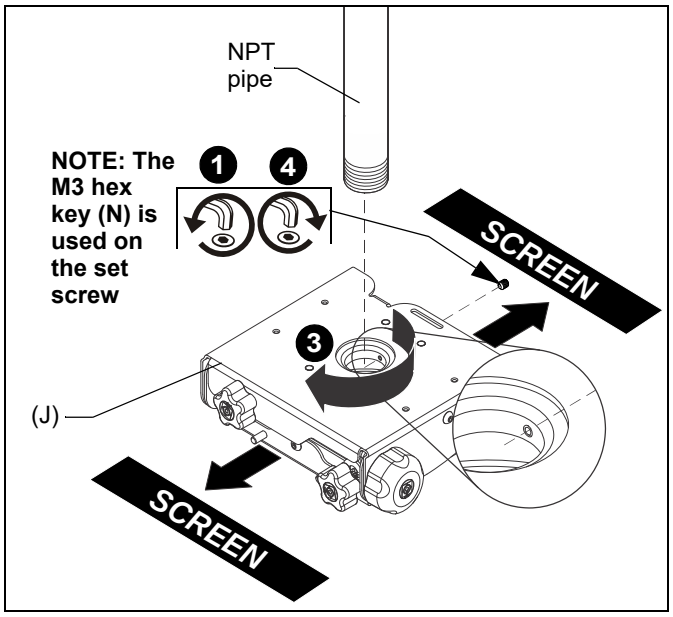


Figure 1

2. Loosely add four M8 flange nuts (AA) on two PEM studs at each end of the VCT mount (J). (See Figure 2)

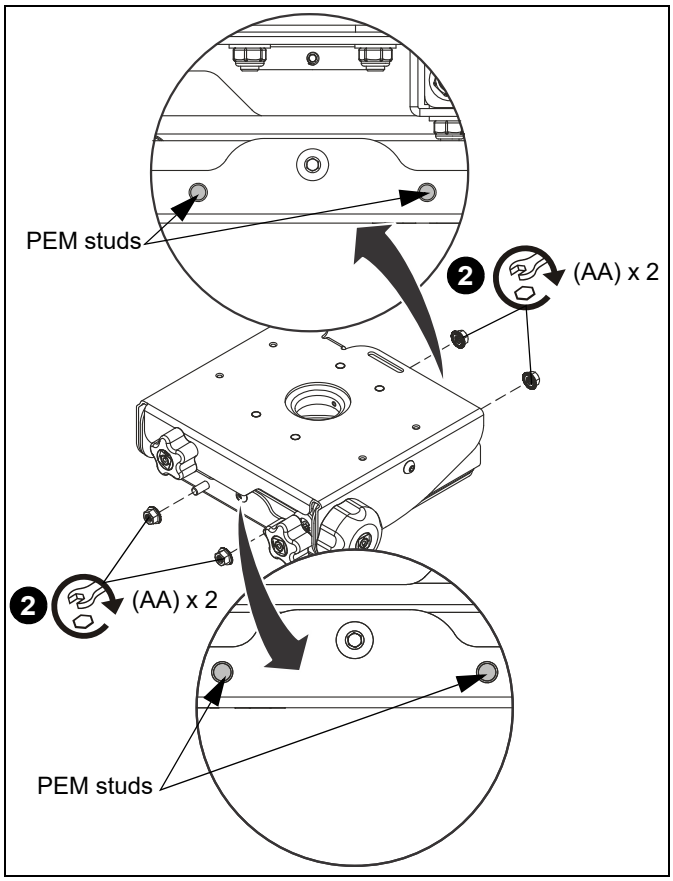


Figure 2

3. Thread the VCT mount (J) onto the existing 1-1/2" NPT pipe until tight with a minimum of four threads engaged. (See Figure 1)

NOTE: Ensure that side of VCT mount with two knobs is located parallel to, or opposite of, the screen. (See Figure 1)

4. Tighten the set screw into the VCT mount threaded collar to prevent movement of the VCT. (See Figure 1)

Installing Interface Bracket

WARNING: IMPROPER INSTALLATION CAN LEAD TO PROJECTOR FALLING RESULTING IN SERIOUS PERSONAL INJURY OR DAMAGE TO EQUIPMENT. DO NOT substitute hardware. Use only the hardware provided by the manufacturer.

1. Secure HCU interface bracket to VCT using installation instructions and hardware provided with HCU interface bracket.

Install Projector with Attached Interface Bracket

1. Orient projector with attached interface bracket so that it is square to the screen. (See Figure 3)
2. Lift the projector and install it behind the flange nuts on the four studs extending from the VCT housing. (See Figure 3)

WARNING: IMPROPER INSTALLATION CAN LEAD TO PROJECTOR FALLING RESULTING IN SERIOUS PERSONAL INJURY OR DAMAGE TO EQUIPMENT! Ensure that the interface bracket hooks are seated on studs on VCT mount!

3. Tighten the flange nuts on the four studs. (See Figure 3)

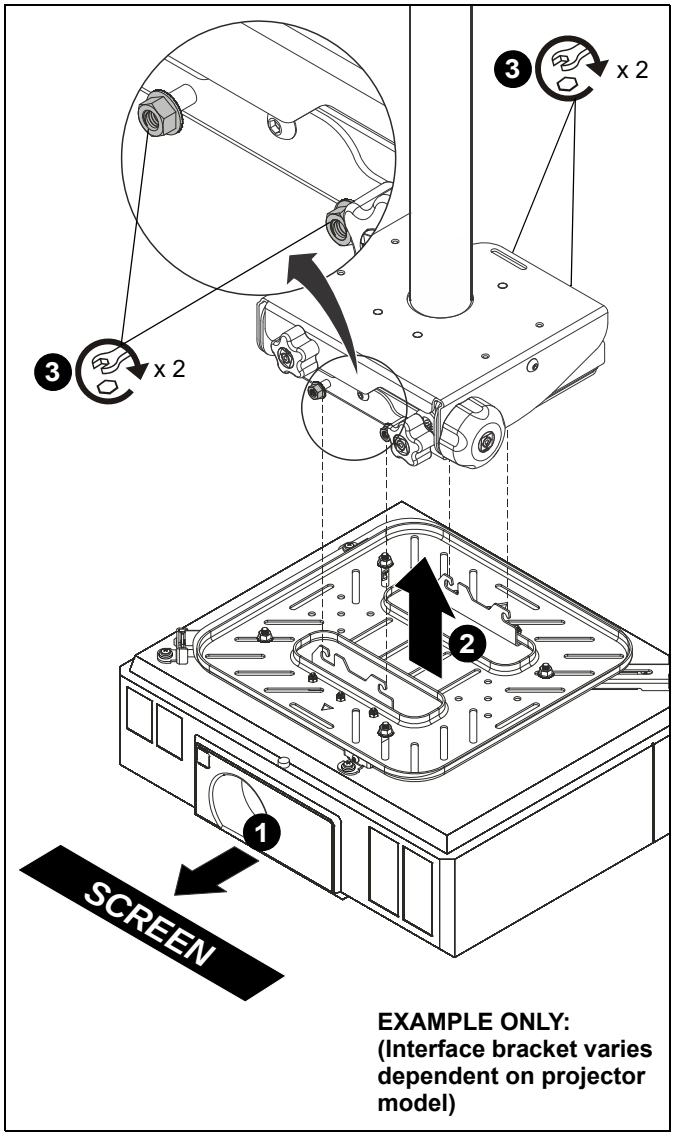


Figure 3

Adjustments

WARNING: MOUNTING HARDWARE IS TO BE LOOSENED ONLY ENOUGH TO ALLOW FOR NECESSARY MOVEMENT. Over-loosening or removal of mounting hardware may result in personal injury or serious damage to equipment!

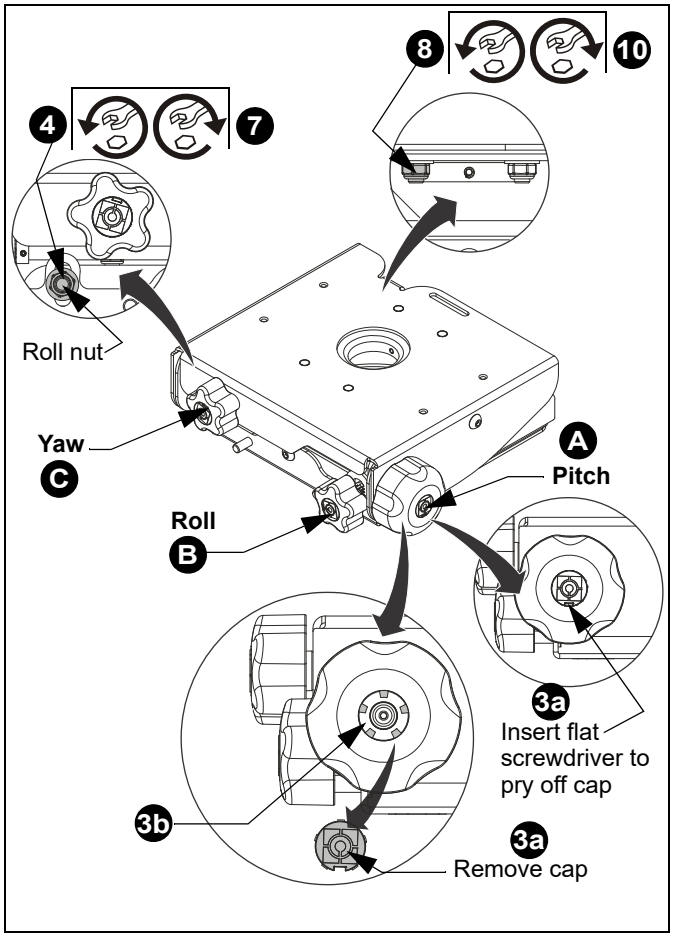


Figure 4

A. Pitch

1. Turn **PITCH** knob **(A)** counterclockwise to pitch down. (See Figure 4)
2. Turn **PITCH** knob **(A)** clockwise to pitch up to 0°.
3. If adjusting for a large degree of pitch:
    - **3a:** Pry off center cap from **PITCH** knob by inserting screwdriver into slot
    - **3b:** Insert pitch socket adapter (H) into knob
    - **3c:** Adjust pitch socket adapter by hand, or use a drill with an M13 socket to adjust **PITCH** to desired level.
    - **3d:** Remove pitch socket adapter from knob and replace knob center cap.

B. Roll

4. Loosen Roll nut (located immediately below and left of **YAW** knob [black nut on white mount, silver on black mount]). (See Figure 4)
5. Turn **ROLL** knob clockwise to move side of mount near knob down.
6. Turn **ROLL** knob counterclockwise to move other side of mount down.
7. Tighten Roll nut (located immediately below and left of **YAW** knob).

C. Yaw

8. Loosen Yaw nut (black nut on white mount, silver on black mount) accessible through back of mount. (See Figure 4)
9. Adjust **YAW** by rotating mount around column as required.
10. Tighten Yaw nut.

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