INSTALLATION INSTRUCTIONS
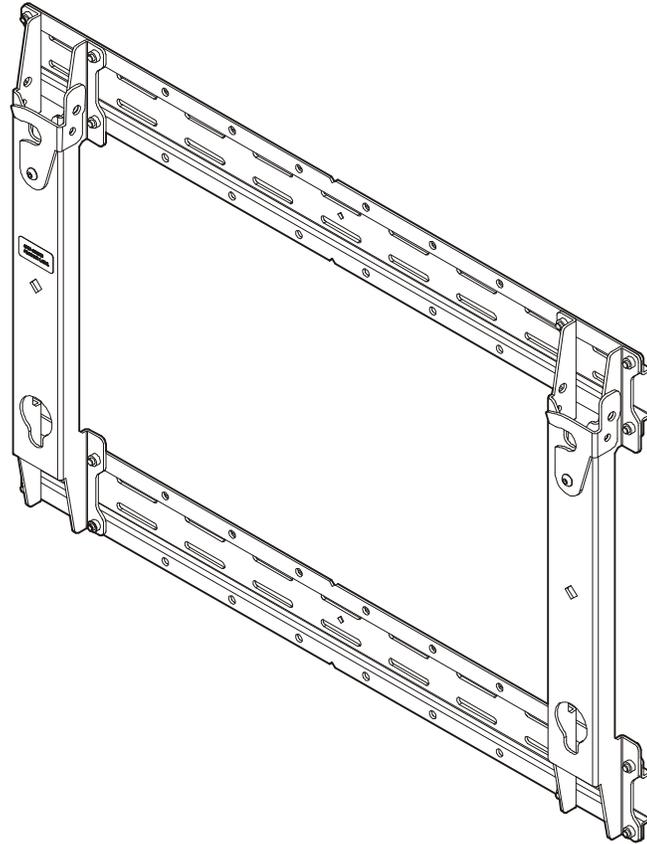
Large Flat Panel Static Wall Mount

CHIEF®

Our Mounts. **Your Vision.**

PSMH2840

DISCLAIMER

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⚠ **IMPORTANT SAFETY INSTRUCTIONS**

⚠ **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.
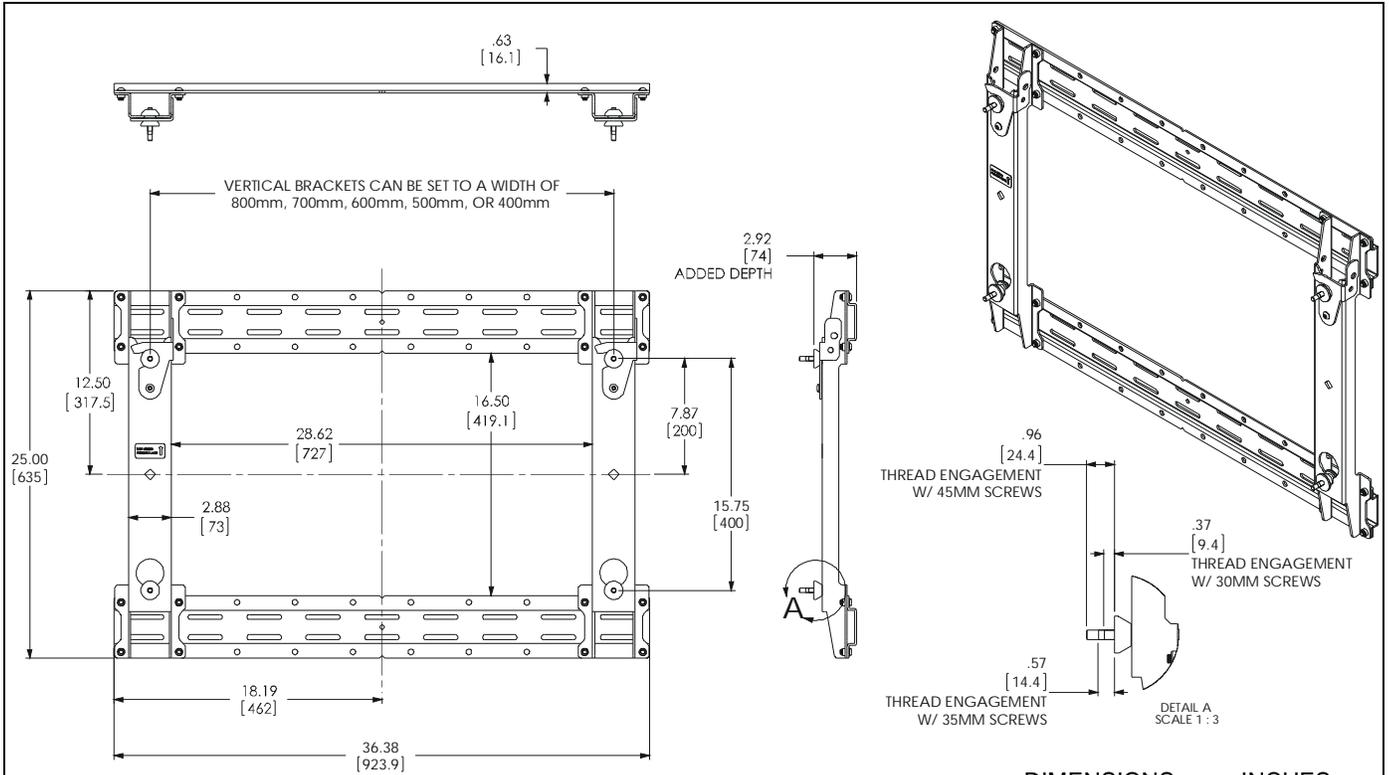
⚠ **WARNING:** Failure to provide adequate structural strength for this component can result in serious personal injury or damage to equipment! It is the installer's responsibility to make sure the structure to which this component is attached can support a minimum of 1,200 lbs (544.31 kg). Reinforce the structure as required before installing the component. The wall to which the mount is being attached may have a maximum drywall thickness of 5/8" (1.6cm).

⚠ **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 structure to which this mount is being attached can support a minimum of 1,200 lbs (544.31 kg). **Reinforce the structure as required before installing this mount.** It is the installer's responsibility to make sure the combined weight of all components located on the mount does not exceed 300 lbs (136.08 kg).
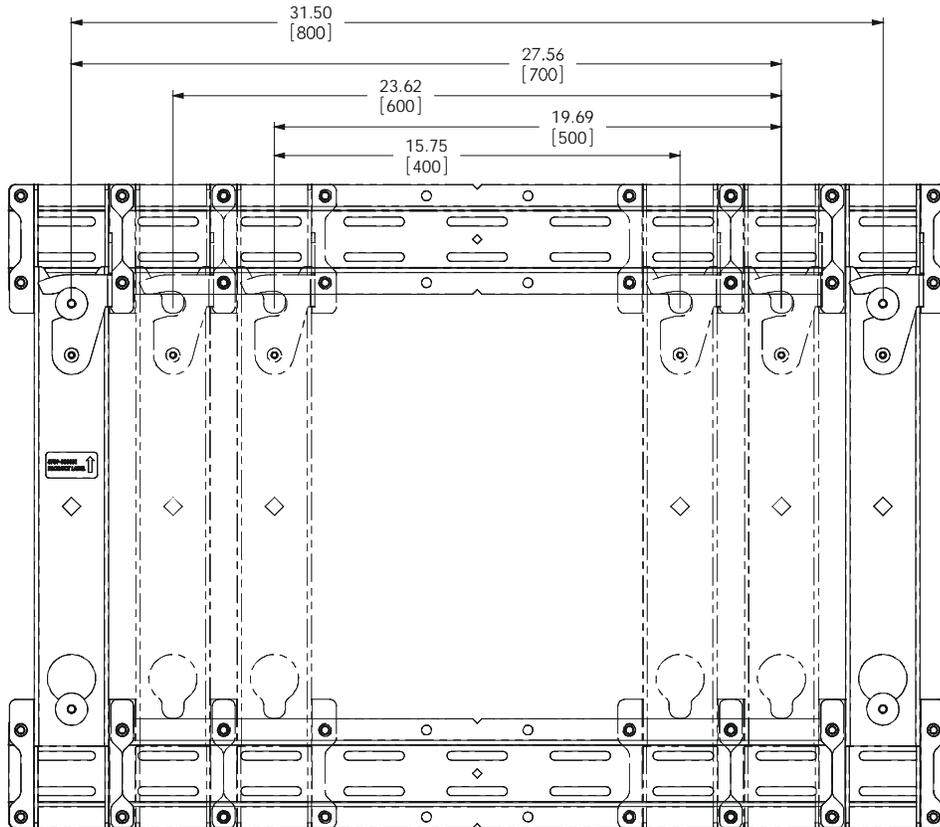
⚠ **WARNING:** Use this mounting system only for its intended use as described in these instructions. Do not use attachments not recommended by the manufacturer.

⚠ **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 product outdoors.

IMPORTANT ! : The PSMH2840 mounts are designed to be mounted to a 2" x 4" wood studs (16" on center or 24" on center) wall.

--SAVE THESE INSTRUCTIONS--

DIMENSIONS

.63
[16.1]

VERTICAL BRACKETS CAN BE SET TO A WIDTH OF
800mm, 700mm, 600mm, 500mm, OR 400mm

2.92
[74]
ADDED DEPTH

12.50
[317.5]

16.50
[419.1]

7.87
[200]

28.62
[727]

25.00
[635]

2.88
[73]

15.75
[400]

A

18.19
[462]

.96
[24.4]
THREAD ENGAGEMENT
W/ 45MM SCREWS

.37
[9.4]
THREAD ENGAGEMENT
W/ 30MM SCREWS

.57
[14.4]
THREAD ENGAGEMENT
W/ 35MM SCREWS

DETAIL A
SCALE 1 : 3

36.38
[923.9]

DIMENSIONS: INCHES
[MILLIMETERS]

**Vertical bracket
mounting choices**

31.50
[800]

27.56
[700]

23.62
[600]

19.69
[500]

15.75
[400]

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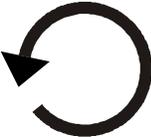
	Loosen Fastener
	Aflojar elemento de fijación
	Befestigungsteil lösen
	Desapertar fixador
	Allentare il fissaggio
	Bevestiging losdraaien
	Desserrez les fixations

	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

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

TOOLS REQUIRED FOR INSTALLATION

M5
(included)

7/32" (5.5mm)

#2

PARTS

A (2)
[Horizontal bracket]

B (2)
[Vertical bracket]

C (4)
[Mounting button]

D (1)
[3/16" hex bit]

E (4)
M8 x 35mm

F (4)
M8 x 30mm

G (16)
M8 x 16mm

H (1)
M5

J (4)
M8 x 45mm

K (8)
5/16 x 2-1/2"

L (8)
5/16"
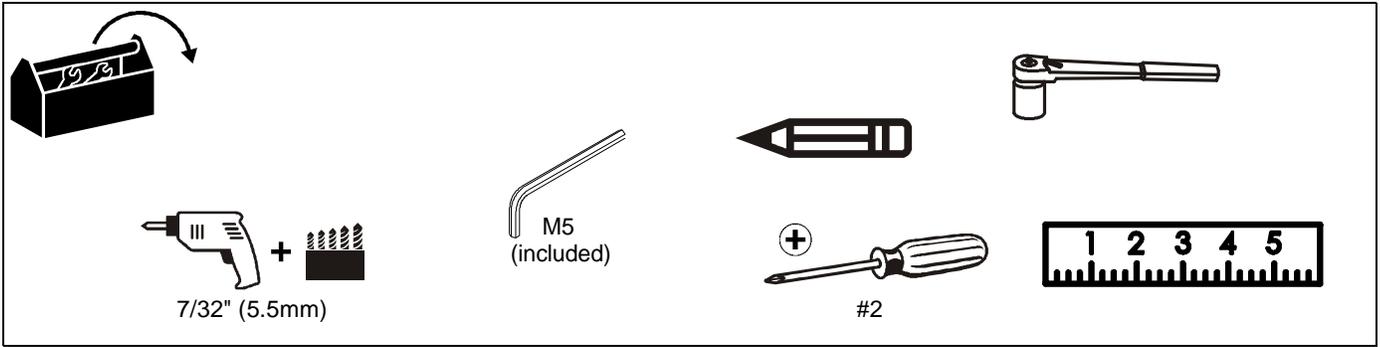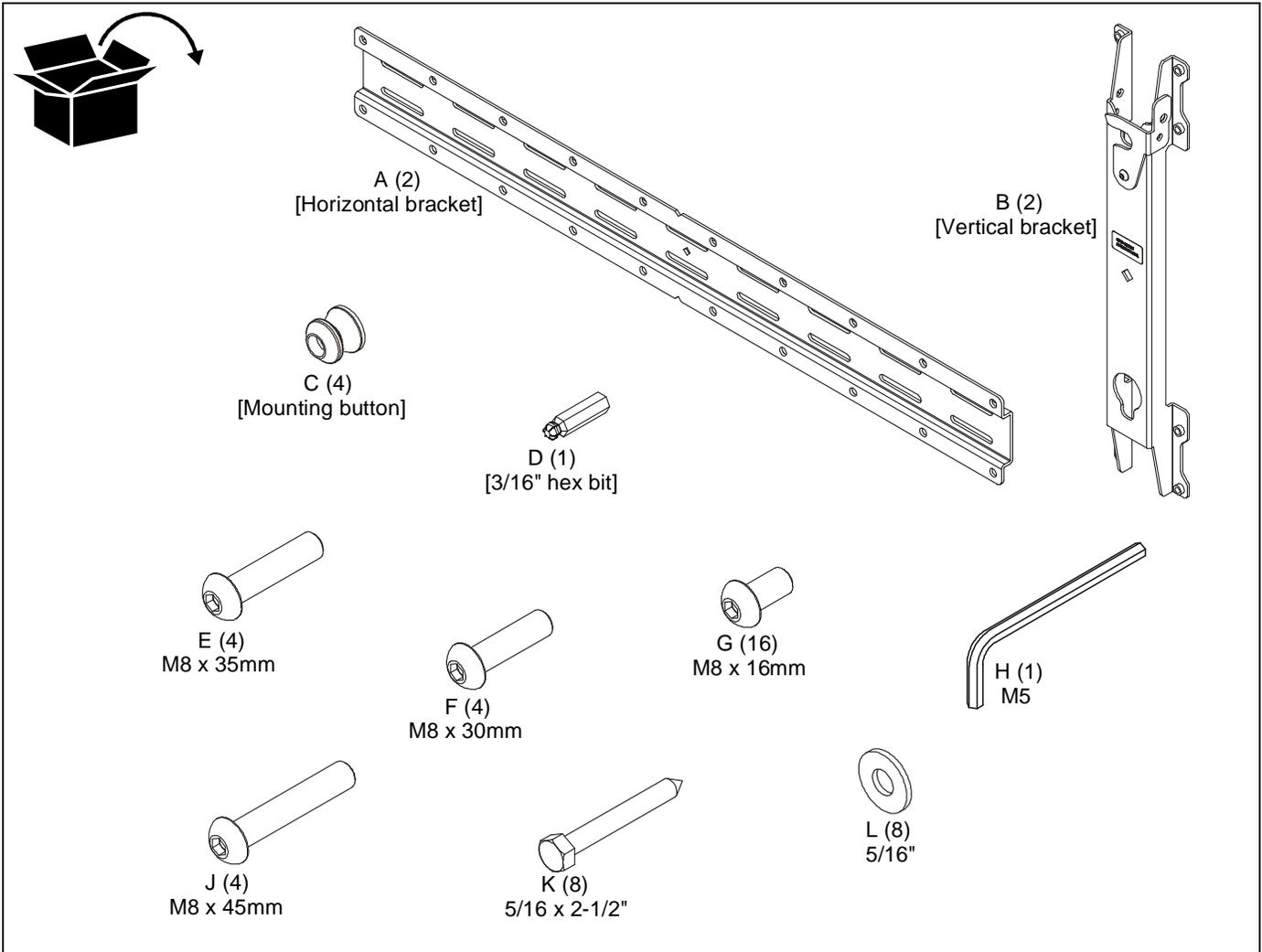
Assembly and Installation

The PSMH2840 is designed to be installed on 2" x 4" wood studs, 16" on-center or 24" on-center.

PSMH Assembly

1. Attach two vertical brackets (B) to two horizontal brackets (A) using sixteen M8 x 16mm buttonhead cap screws (G). (See Figure 1)
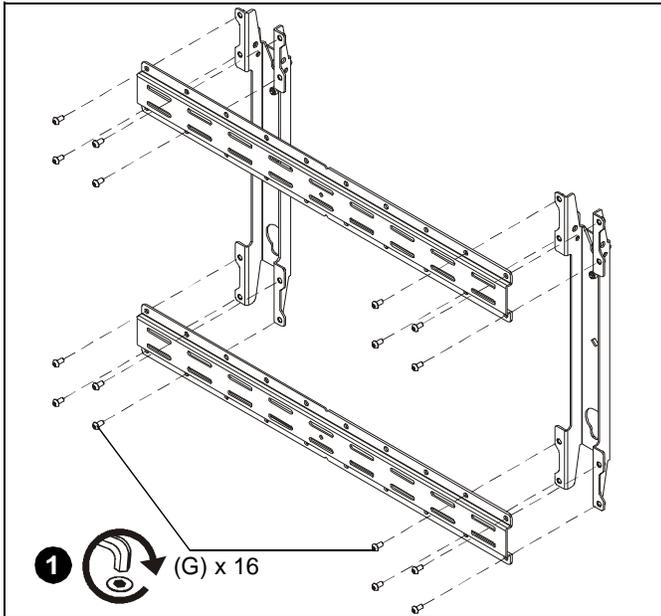

Figure 1

Mount Installation

⚠️ **WARNING:** IMPROPER INSTALLATION CAN LEAD TO DISPLAY FALLING CAUSING SERIOUS PERSONAL INJURY OR DAMAGE TO EQUIPMENT! It is the installer's responsibility to make sure the structure to which this mount is being attached can support a minimum of 1,200 lbs (544.3 kg). Reinforce the structure as required before installing this mount.

1. Place mount against wall in desired installation location.

2. Level and adjust horizontal position making certain slots in upper and lower horizontal brackets on mount are properly positioned over studs.

3. Using a pencil, or similar marking tool, mark the location of six mounting holes (or four mounting holes for 24" on-center studs) in horizontal brackets onto surface. (See Figure 2)

4. Drill six 7/32" (four for 24" on-center studs) pilot holes at marked locations.

⚠️ **CAUTION:** IMPROPER INSTALLATION CAN LEAD TO MOUNT FALLING CAUSING SERIOUS PERSONAL INJURY OR DAMAGE TO EQUIPMENT! DO NOT over tighten hardware!

5. Secure mount to studs using six 5/16 x 2-1/2" lag screws (K) and six 5/16" (L) flat washers [or four lag screws and four washers for 24" on-center studs]. (See Figure 2)
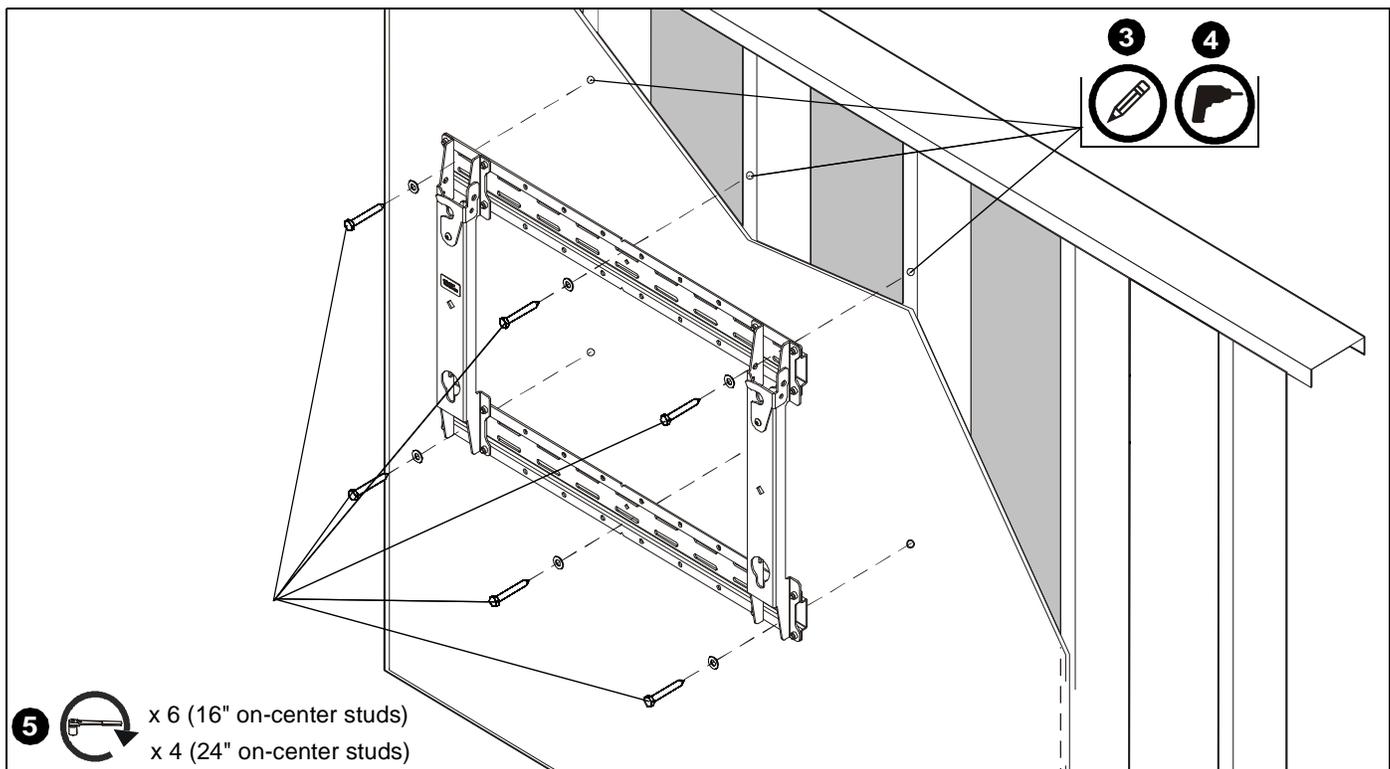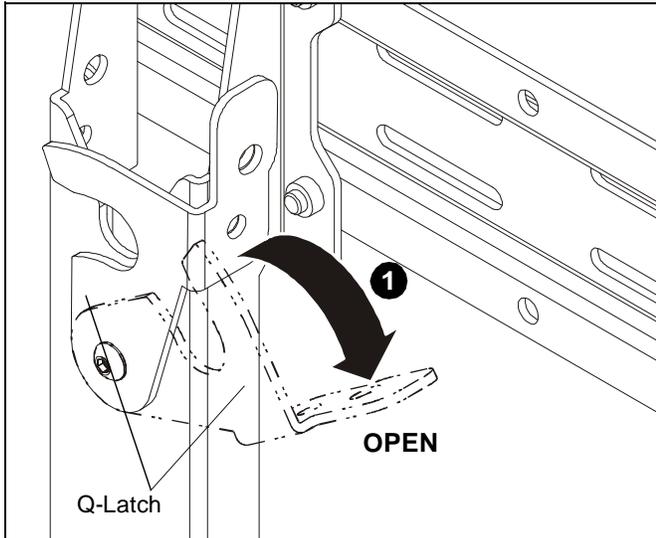
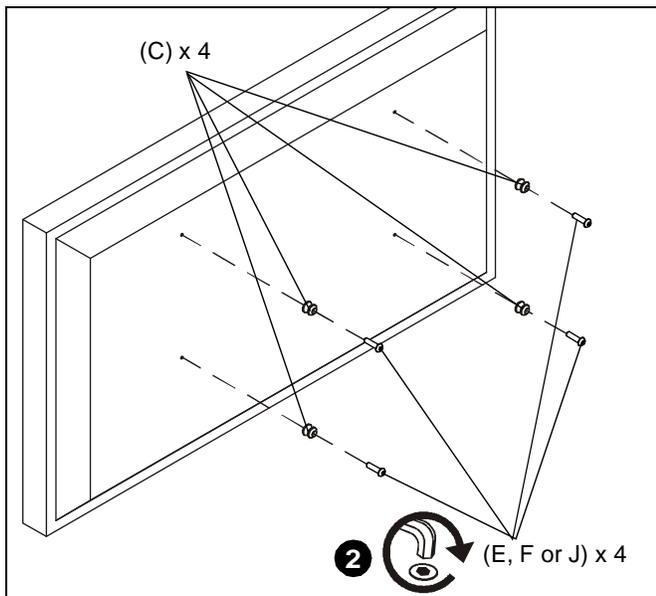

Figure 2

Display Installation

⚠️ **WARNING:** IMPROPER INSTALLATION CAN LEAD TO MOUNT FALLING CAUSING SERIOUS PERSONAL INJURY OR DAMAGE TO EQUIPMENT! DO NOT substitute hardware.

1. Move Q-Latches on mount to the OPEN position. (See Figure 3)
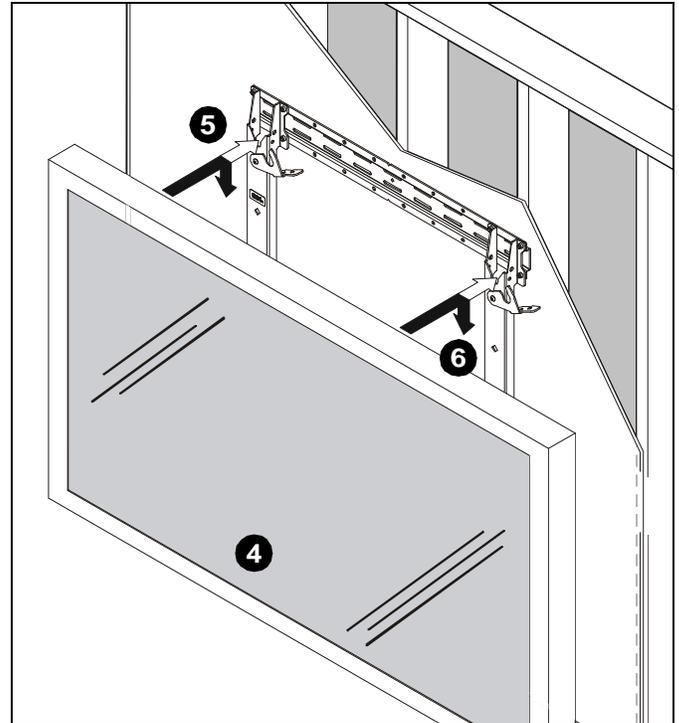

Figure 3

2. Install four mounting buttons (C) onto display using four button head screws (E, F or J). (See Figure 4)
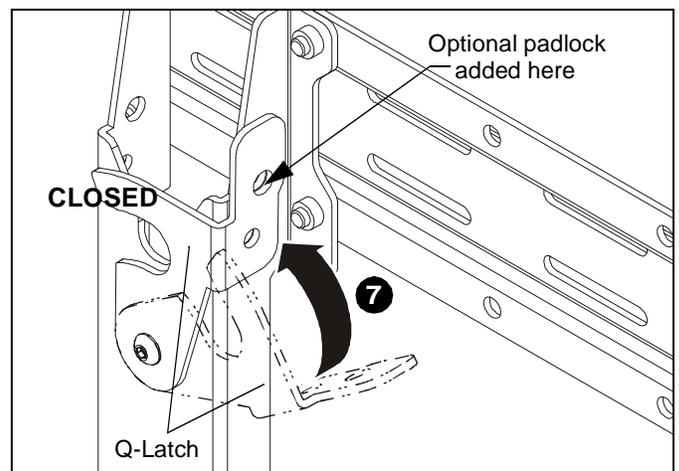

Figure 4

3. Lift display following lifting instructions provided by display manufacturer.

4. Align mounting buttons on display with teardrop mounting holes in mount. (See Figure 5)

5. Move display forward until recessed area of mounting buttons is positioned over lower area of teardrop mounting holes. (See Figure 5)

6. Lower display until recess area of mounting buttons is seated in lower area of teardrop mounting holes. (See Figure 5)

Figure 5

7. Move Q-Latches to Closed position and lock if desired. (See Figure 6)

Figure 6

8. Route wires and cables to display.

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