LMV
Installation Guide

Press and Release ™ Pop Out Mount
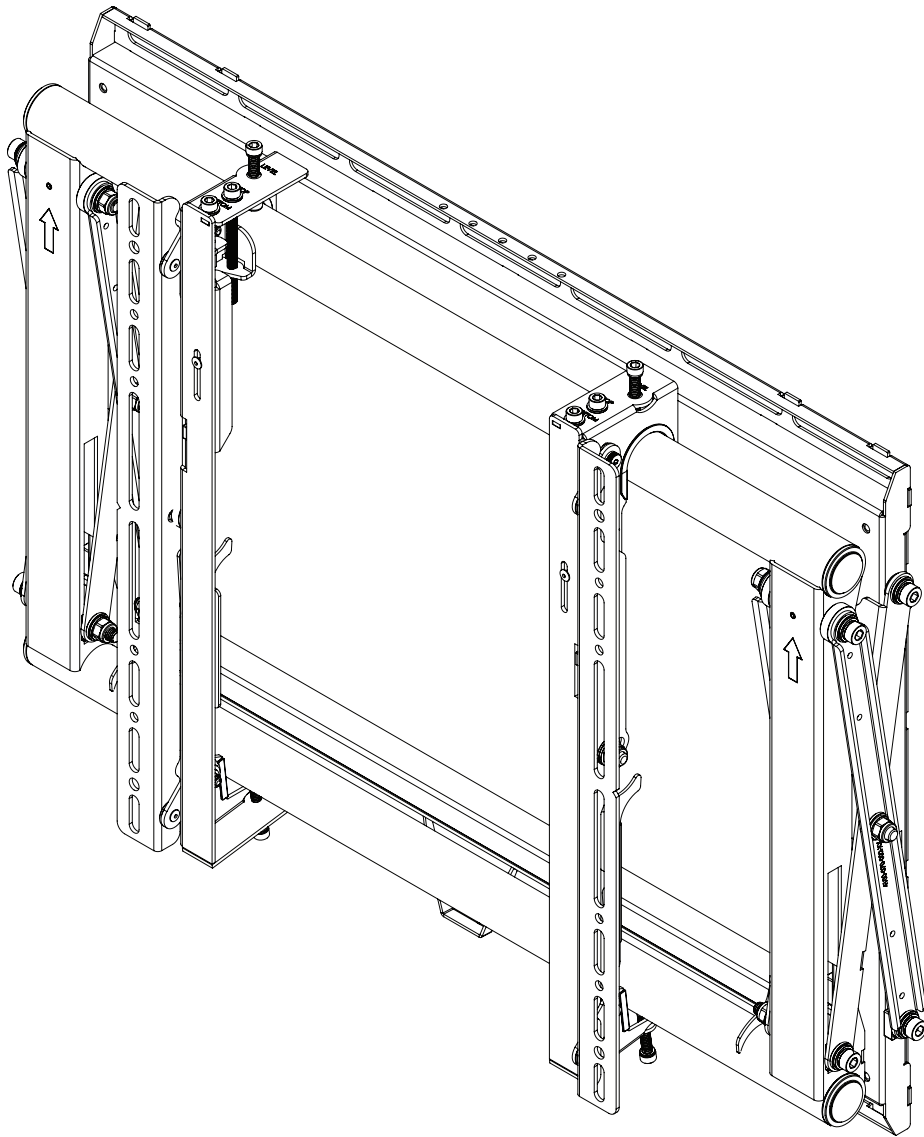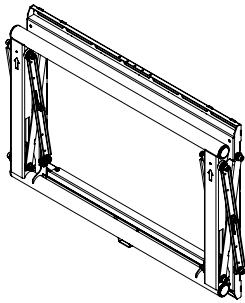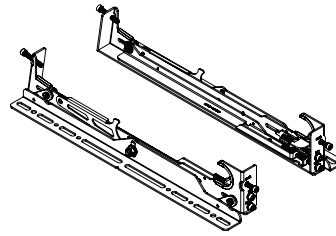
LMV
Installation Guide
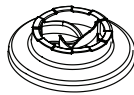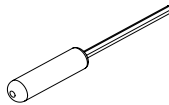
Included Components

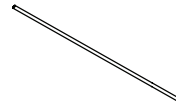Wall Mount
(Qty 1)

Bracket
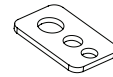(Qty 1 Pair)

5/16" Flat Washers
(Qty 4)

Universal Spacers
(Qty 8)

M5 Allen Driver
(Qty 1)

Thread Depth Indicator
(Qty 1)

Universal Washers
(Qty 4)

5/16" x 3" Lag Bolts
(Qty 4)

Finned Anchors
(Qty 4)

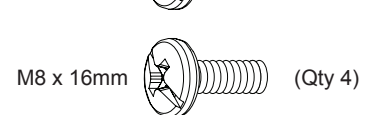M4 x 12mm (Qty 4)

M4 x 16mm (Qty 4)

M4 x 25mm (Qty 4)

M6 x 12mm (Qty 4)
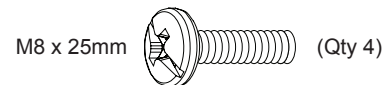
M6 x 16mm (Qty 4)

M6 x 25mm (Qty 4)

M8 x 12mm (Qty 4)
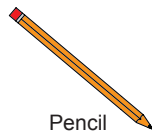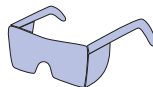
M8 x 16mm (Qty 4)

M8 x 25mm (Qty 4)

Required for installation

Electronic Stud Finder

Pencil

Protective Eyewear

M6 or 1/4" Drill Bit
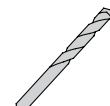
3/8" Masonry Drill Bit

Level

13mm or 1/2" Socket
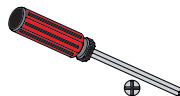
Phillips Head Screwdriver
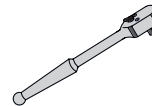
Socket Wrench

Portable Drill

PREMIER MOUNTS

Wood Stud Installation

1
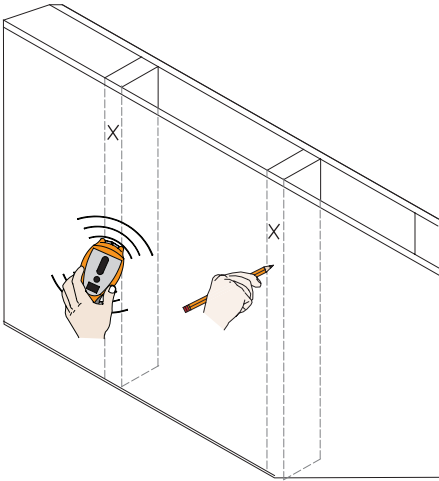
1. Use a stud finder to determine the wall studs in the vicinity of the mount.
2. Use a pencil to mark each of the wall studs.

2
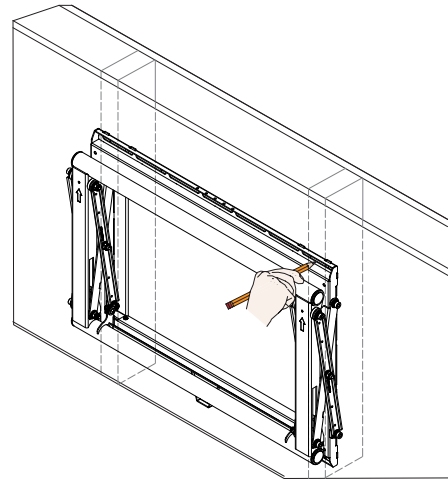
Use a pencil to mark the upper right mounting location of the wall stud.

3
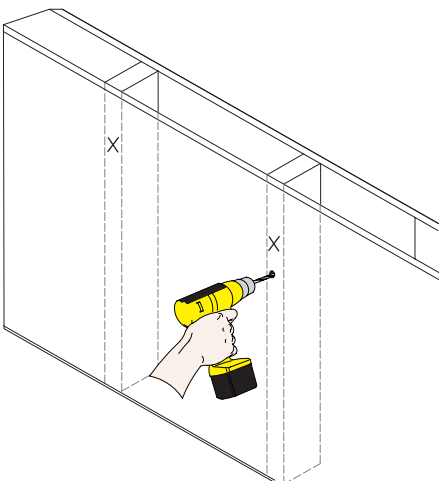
Drill a pilot hole using a M6 or 1/4" drill bit on the stud that was marked on the upper right.

4
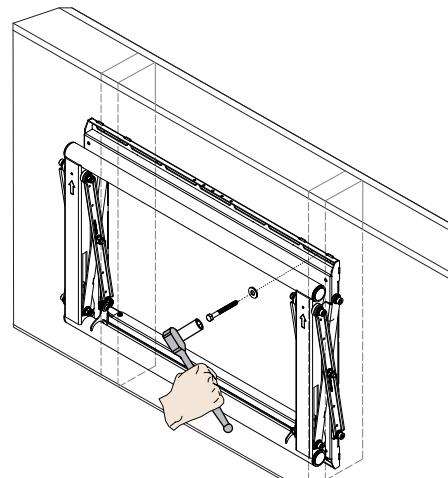
1. Place the mount against the wall and align it with the pilot hole.
2. Insert one (1) 5/16" x 3" lag bolt one (1) 5/16" washer into the upper right pilot hole.
3. Use a socket wrench and a 1/2" socket to tighten the lag bolt.
4. Do not over tighten the lag bolt.

PREMIER MOUNTS

LMV
Installation Guide

5
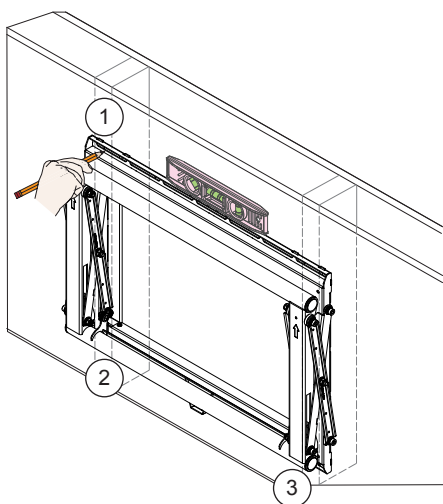
1. Level the mount
2. Use a pencil to mark the remaining three (3) mounting locations

6
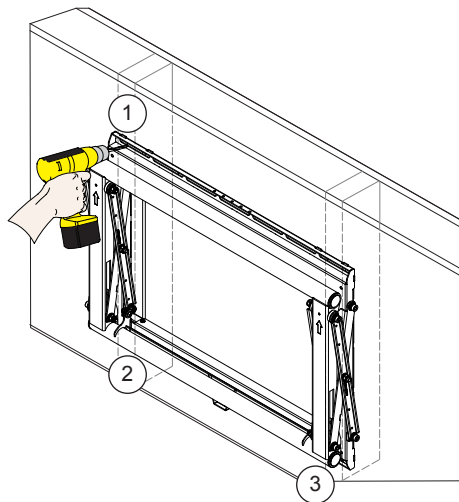
Drill a pilot hole in each of the three (3) marks with a power drill and a M6 or 1/4" drill bit.

7
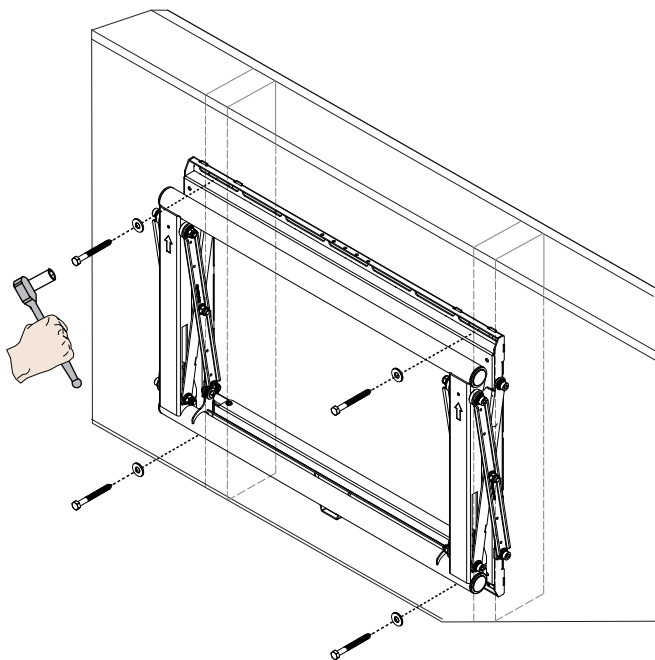
1. Insert one (1) 5/16" x 3" lag bolt and one (1) 5/16" washer into each pilot hole.
2. Tighten all lag bolts using a socket wrench and 1/2" socket.
3. Do not over tighten the lag bolts

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Concrete Wall Installation

8

Two people recommended for this step; one person to level the mount and another person to mark the mounting locations.

9
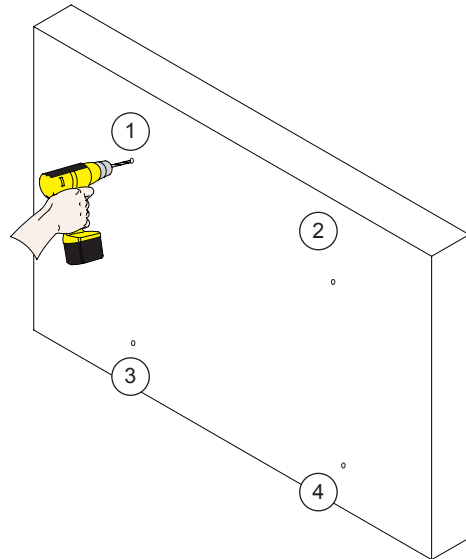
Drill a pilot hole in each of the four (4) mark areas with a 3/8" masonry drill bit.

10
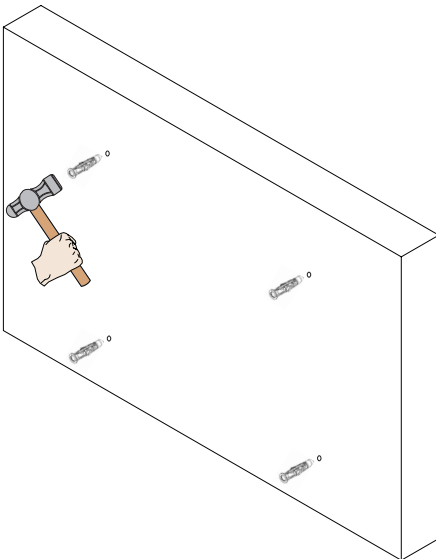
Insert the Finned anchors into each pilot holes. Lightly tap each Finned anchors into place with a hammer.

11

1. Insert one (1) 5/16" x 3" Lag Bolt and one (1) 5/16" washer into each pilot holes.
2. Tighten all lag bolts using a socket wrench and 1/2" socket.

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LMV
Installation Guide

Installing OPTIONAL Model Specific Spacers

12

For ease of installation

Model-specific spacers are availible for most flat-panel displays. Engineered with the intent of significantly reducing installation tim on large video wall array. Contact Customer Service to inquire about model specific spacers.

13
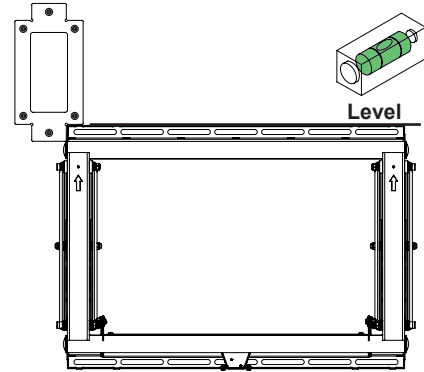
Level

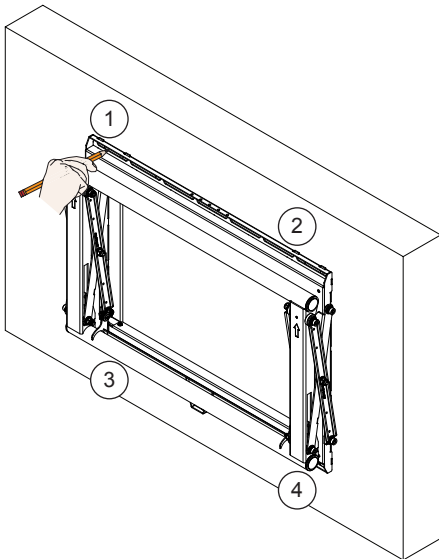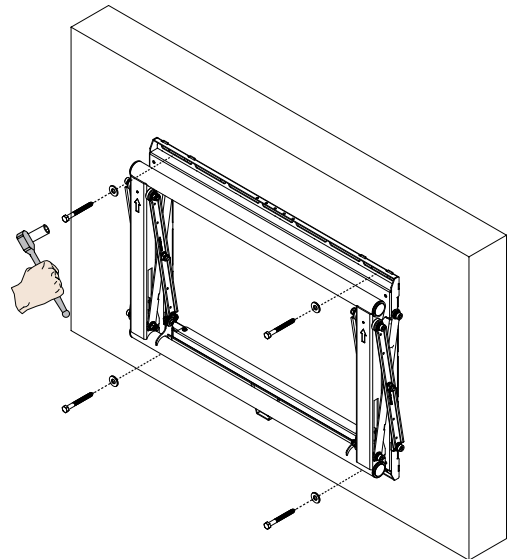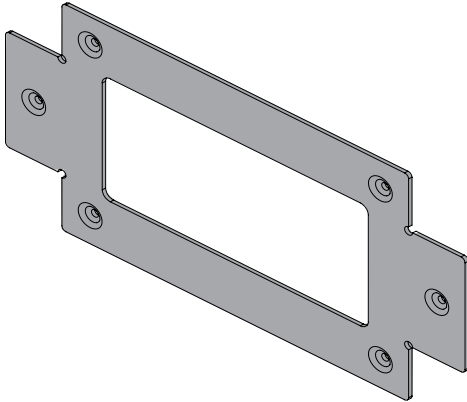1) Mount the LMV to the desired location.

2) Align and Level the spacer to the corner register tabs of the mount.

Use commercially available hardware to secure the spacer. Utilize the same spacer for multiple LMV installations.

For illustration only. LMV Spacer will vary.

14
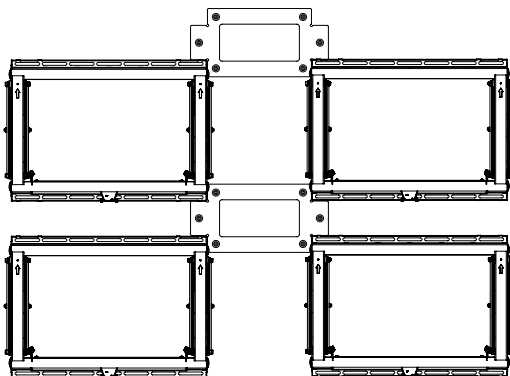
Multiple LMV mounts can be installed using model specific spacers. Simply repeat step one when installing each of the surrounding LMV mounts. Use one spacer for each 2x2 installation by mounting it to the wall, or utilize the same spacer as many times needed to complete an unlimited LMV large matrix video wall.

1. Plumb and level and mark each corner where the LMV will be mounted (or secure to the wall).

2. Install the second mount working in a horizontal direction.

3. Square, Level, and Plumb.

4. Repeat this step for each mount horizontally

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Selecting the Mounting Hardware

15

Marking the 1/8"
Allowance

Marking the Depth

Threaded Insert

Small Straw or Toothpick

Figure 1
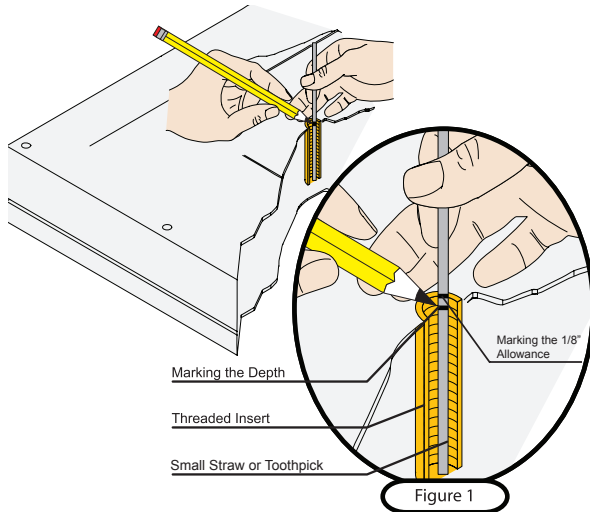
1) Insert a small straw or toothpick into the threaded inserts found on the back of the flat-panel.

2) Use a pencil to mark the depth of the threaded insert on the small straw or toothpick.

3) Mark the straw or toothpick 1/8" above the depth of the threaded insert, as shown in Figure 1.

4) Insert the small straw or toothpick into the remaining threaded inserts to compare and verify their depth using the straw or toothpick's 1/8" allowance mark.

5) Locate the correct diameter screw for the threaded insert.

⚠️ If the selected screw is longer than the 1/8" allowance mark on the small straw or toothpick, as shown in Figure 2 and Figure 3, do not use this screw. The screw length must not bypass the mark.

6) Test each size of the screws provided.

The correct screws should thread easily into the mounting point and not pull out when tension is applied.

Figure 2

Screw

Small Straw
or Toothpick

Depth Plus 1/8" Allowance
Mark

Figure 3

Screw

Small Straw
or Toothpick

Depth Plus 1/8" Allowance
Mark

PREMIER MOUNTS
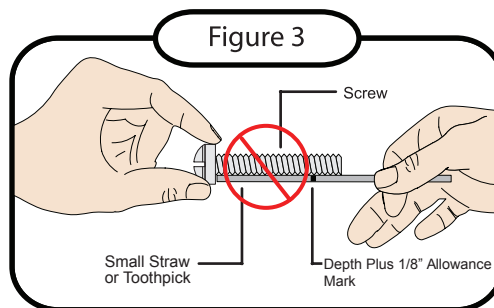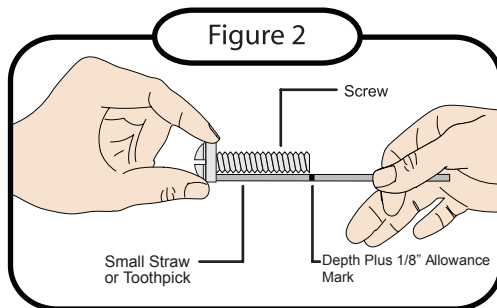
16 **Universal Washer Installation**

M8
M5, M6
M4

Universal Washers are designed to accommodate the various M4, M5, M6 and M8 hole sizes required by flat-panels.
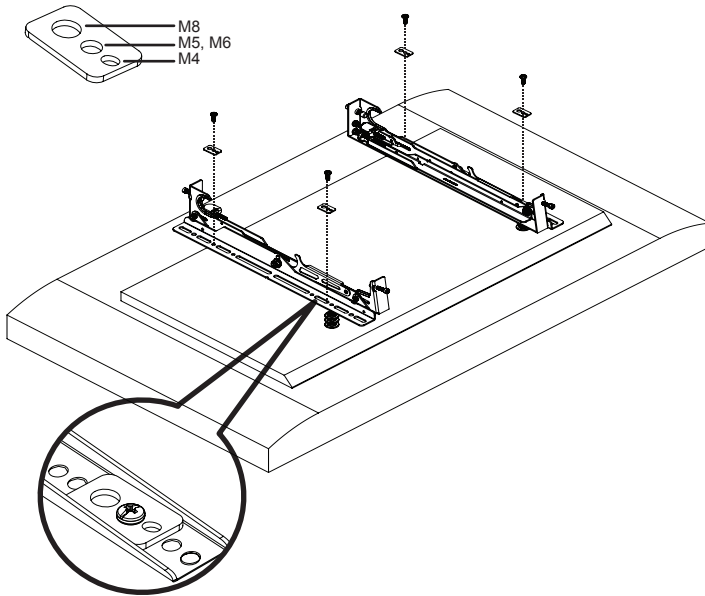
1) Place the flat-panel screen-side down on a soft, flat surface.

2) Identify the number and location of the thread inserts on the back of the flat-panel.

3) Aligning the holes on each mounting bracket with the thread inserts on the back of your flat-panel.

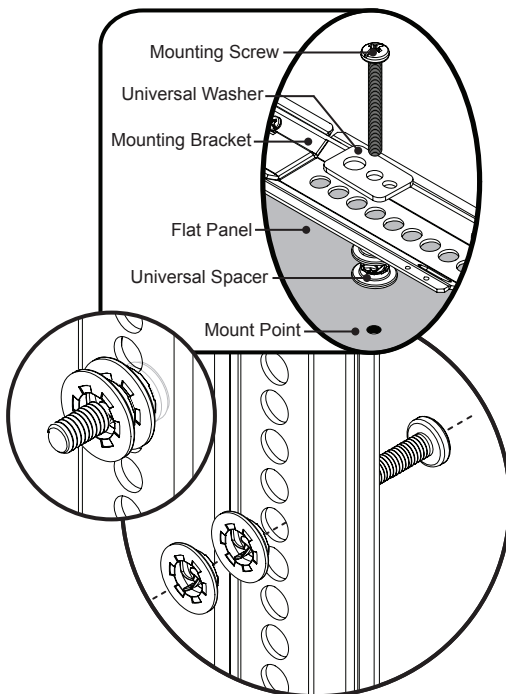4) Secure each mounting bracket to the flat-panel by inserting a minimum of two (2) screws per bracket.

⚠ Do not over tighten the mounting hardware.

Make sure the directional arrows on the mounting brackets are facing up.

17 **Universal Spacer Installation**

Mounting Screw

Universal Washer

Mounting Bracket

Flat Panel

Universal Spacer

Mount Point

Universal Spacers allow the user to attach the mounting bracket to flat-panels which have recessed or uneven mount points. Each Universal Spacer adds 1/4" to the distance between the mounting bracket and the flat-panel.

⚠ The Universal Spacers must be stacked and oriented as shown.

⚠ The Universal Spacers must only be installed between the mounting bracket and the flat-panel.

PREMIER MOUNTS

18 ## Attaching the Flat-Panel to the Mount

Mounting bracket adjustments are factory pre-set (see **Note**).

⚠ This section requires two people.

⚠ Do not release your flat-panel until you are certain that top and bottom hooks of both mounting brackets are securely seated on the upper and lower mounting rails of the wall panel.

1) Raise the flat-panel past the top and bottom mounting rails on the wall panel.

2) Slide the flat-panel down slowly, keeping it close to the wall.

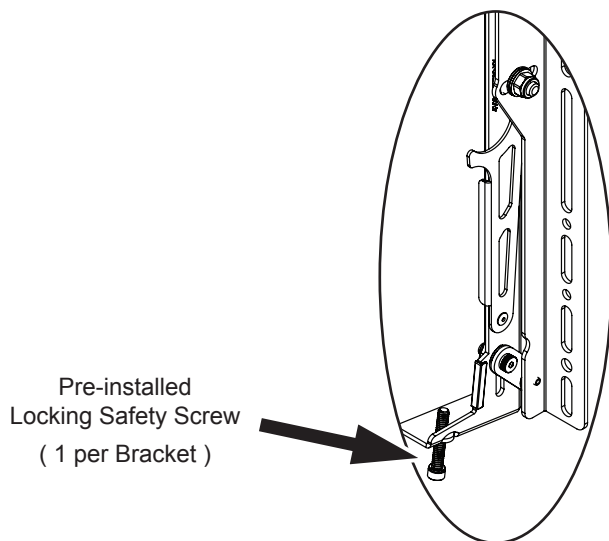3) Engage the top and bottom mounting brackets to the rails of the mount.
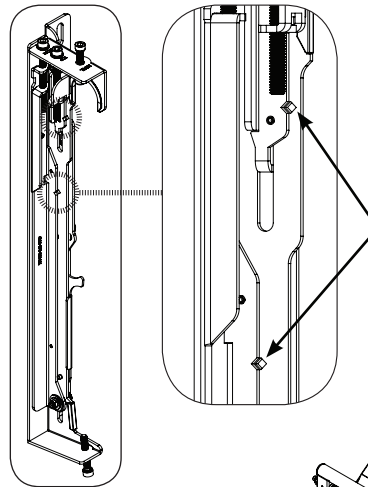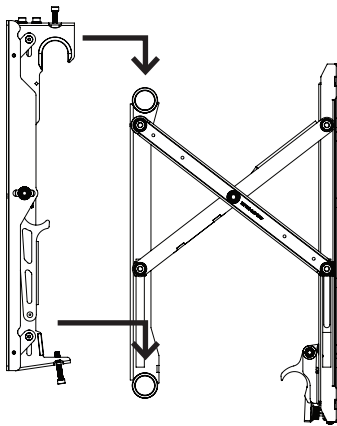
⚠ **Note:** These registers must align prior to installation. They are factory set. Check to determine proper alignment
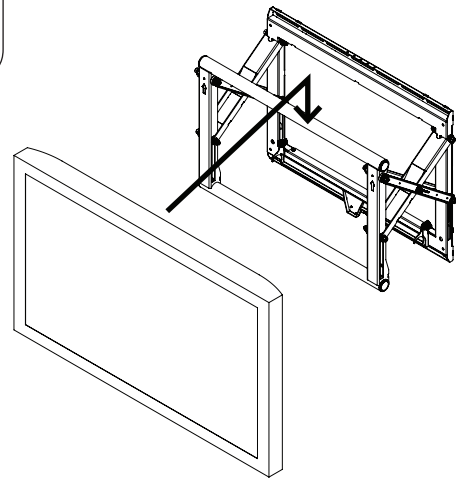
19 ## Locking Safety Screw Installation

⚠ The locking safety screws keep the flat-panel from being accidently dislodged from the LMV.

1) Locate the pre-installed security locking safety screw at the bottom of each of the mounting brackets.

2) Use the M5 Allen driver (supplied) to tighten the locking safety screw.

Note: Tighten screw to surface, then tighten 1/4" turn

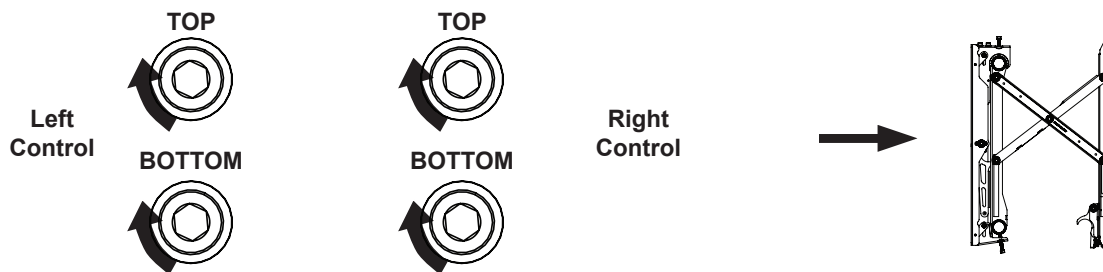⚠ Do not overtighten the locking safety screws.

Pre-installed Locking Safety Screw (1 per Bracket)

⚠ # ONLY TIGHTEN AFTER FINAL ADJUSTMENT

PREMIER MOUNTS

LMV
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MOVE INWARD

TOP

TOP

Left
Control

BOTTOM

BOTTOM

Right
Control

MOVE OUTWARD

TOP

TOP

Left
Control

BOTTOM

BOTTOM

Right
Control

TILT UP

TOP TOP

BOTTOM BOTTOM

**AND/
OR**

TOP TOP

BOTTOM BOTTOM

TILT DOWN

TOP TOP

BOTTOM BOTTOM

**AND/
OR**

TOP TOP

BOTTOM BOTTOM

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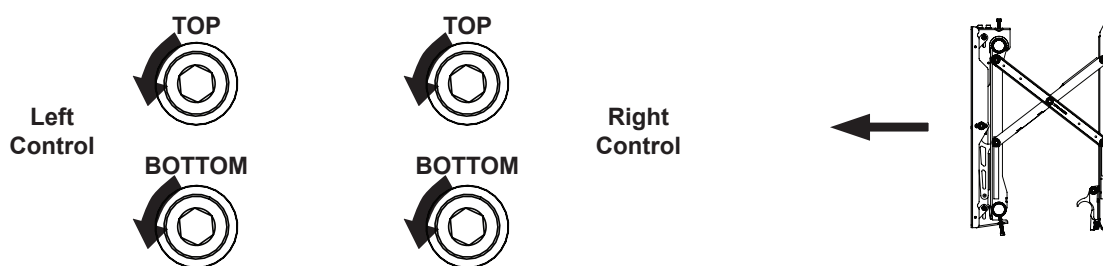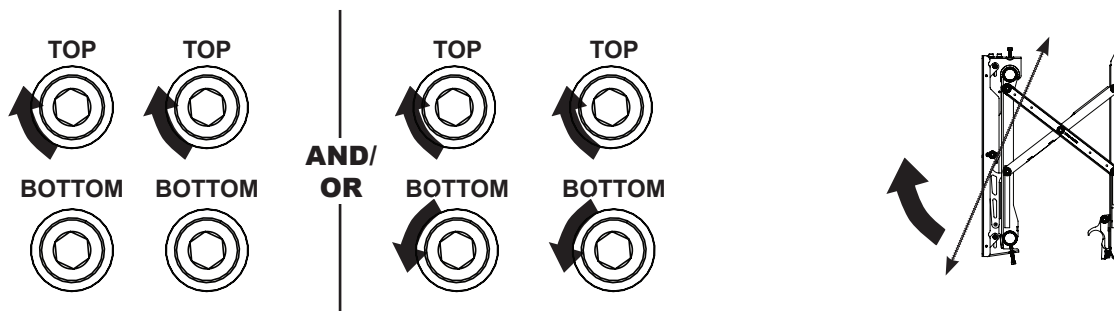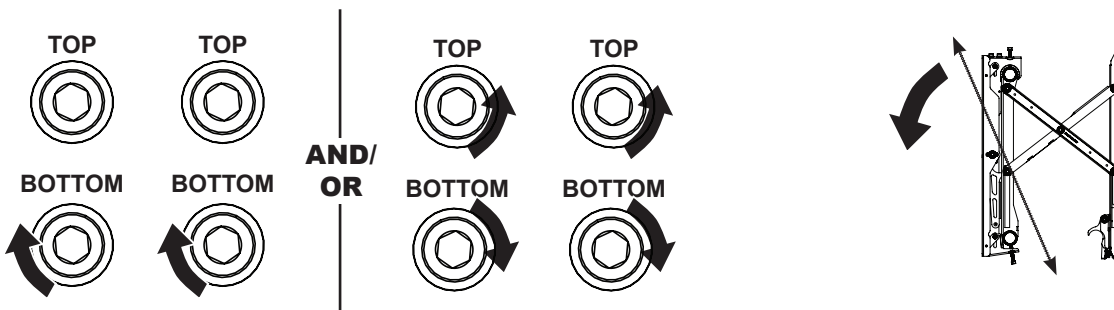
LEVEL UP

Left Control

Right Control
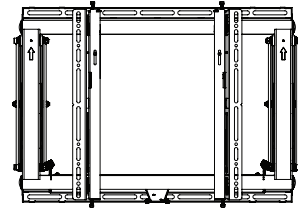
LEVEL

LEVEL

LEVEL DOWN

Left Control

Right Control

LEVEL

LEVEL
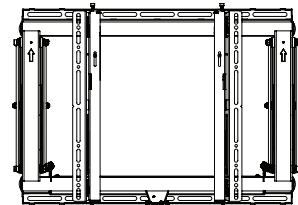
ROTATE LEFT

Left Control

Right Control

LEVEL

LEVEL
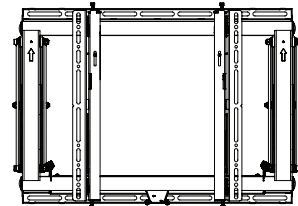
ROTATE RIGHT

Left Control

Right Control

LEVEL

LEVEL

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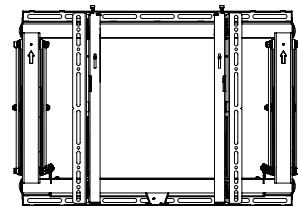
Use the **GAPit GO/No Go Gauge (supplied with model specific spacer)** as a final step in the process to inspect and adjust the gap to **prevent costly replacement** and **extend the lifespan of the displays.**
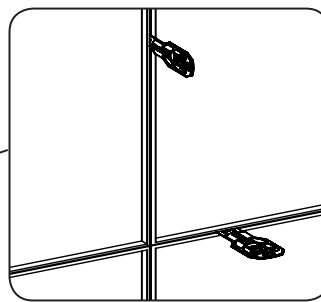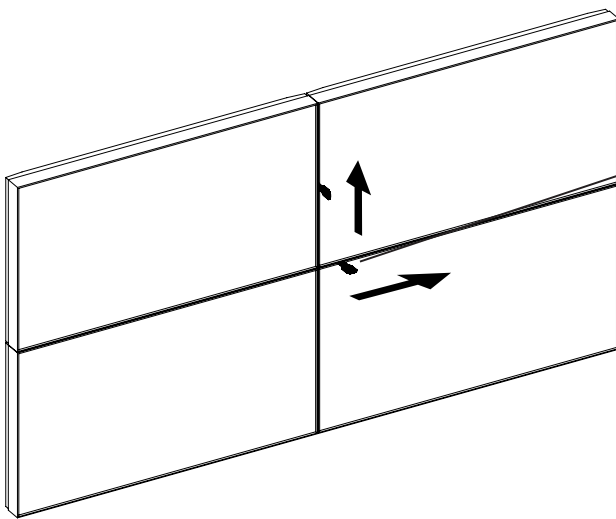
Damage happens when weight is transferred to the ultra-thin bezels of video wall installations,

if the recommended gap specifications of .050" is not maintained vertically and horizontally.

This results in image distortion, and costly repairs and replacement

1. Swipe GAPit along vertical gap
2. Inspect for .050" gap & adjust if needed
3. Swipe GAPit along horizontal gap
4. Inspect for .050" gap & adjust if needed

PREMIER MOUNTS
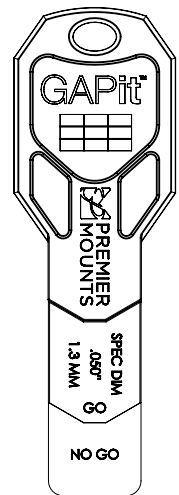
21 ## <u>Servicing</u>

1. Push evenly in the front of the LMV to release the single latch spring lock (Figure 1).
2. Slowly pull the front of the LMV to extend the scissor arms (Figure 2).
3. Loosen the locking safety screws on both mounting brackets.
4. Tilt up the bottom of the flat-panel, then set their kickstands against the bottom tubing of the mount (Figures 2 & 3).
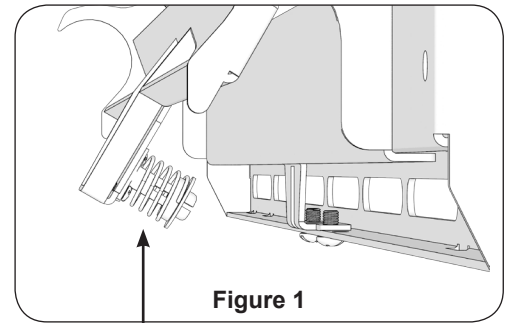5. Perform any neccessary repairs. Close the latch after servicing.

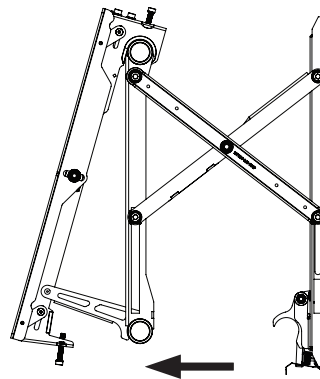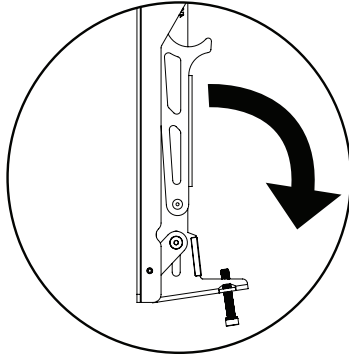**Figure 1**

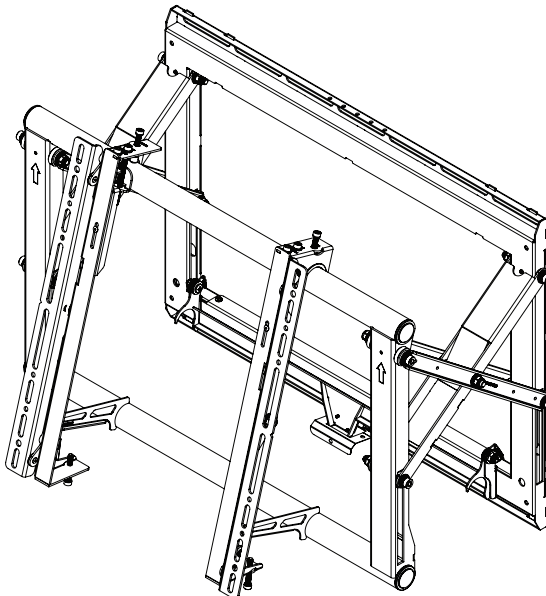Single Latch Spring Lock

Figure 2

Figure 3

PREMIER MOUNTS
LIMITED LIFETIME WARRANTY

What and Who is Covered by this Limited Lifetime Warranty
Premier Mounts warrants all mounting products to be free from defects in material and workmanship for the lifetime of the original installation of the product.

What Premier Mounts Will Do
At the sole option of Premier Mounts, Premier Mounts will repair or replace any product or product part that is defective. If Premier Mounts chooses to replace a defective product or part, a replacement product or part will be shipped to you at no charge, but you must pay any related labor costs.

What is Not Covered: Limitations
Premier Mounts disclaims any liability for damage to mounts, adapters, displays, projectors, other property, or personal injury resulting, in whole or in part, from improper installation, modification, use or misuse of its products.

NOTWITHSTANDING ANYTHING TO THE CONTRARY IN THIS WARRANTY, THIS WARRANTY IS LIMITED TO FIVE YEARS FROM THE DATE OF PURCHASE IN THE EVENT THAT THE WARRANTED PRODUCT IS COMMERCIALLY RENTED OUT.

Electrical products and components, such as amplifiers, speakers, motors, switches remote controls and related electrical items, are backed by a 3-year warranty.

Premier Mounts disclaims all other warranties, express or implied, including warranties of merchantability and fitness for a particular purpose. Premier Mounts is not responsible for incidental or consequential damages, including but not limited to, inability to use its products or labor costs for removing and replacing defective products or parts. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

What Customers Must Do for Warranty Service
If you discover a problem that you think may be covered by the warranty, you must report it in writing to the address below within thirty (30) days. Proof of purchase (an original sales receipt) from the original consumer purchaser must accompany all warranty claims. Warranty claims must also include a description of the problem, the purchaser's name, address, and telephone number. General inquiries can be addressed to Premier Mounts Customer Service at 1-800-368-9700. Warranty claims will not be accepted over the phone or by fax.

> Premier Mounts
> Attn: Warranty Claim
> 2620 Palisades Drive
> Corona, CA 92882 USA

How State Law Applies
This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.