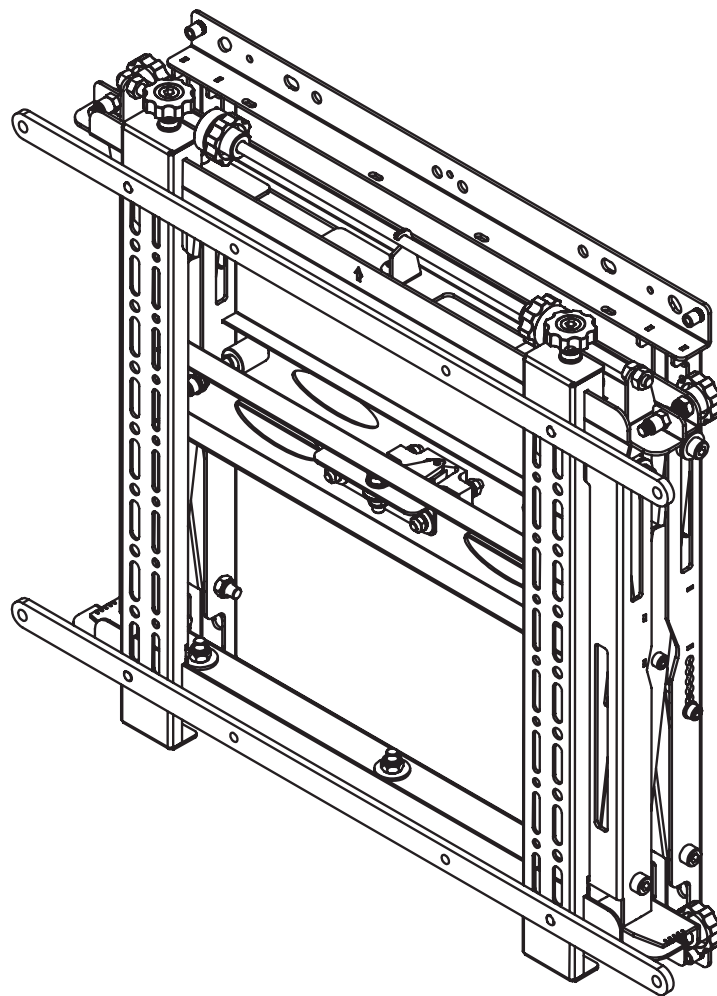




future automation

VWM

VIDEO WALL MOUNT SYSTEM



INSTALLATION INSTRUCTIONS

ISSUE 001

SAFETY DISCLAIMER

IMPORTANT SAFETY INSTRUCTIONS BELOW

WARNING: Failure to provide adequate structural strengthening, prior to installation can result in serious personal injury or damage to the equipment. It is the installer's responsibility to ensure the structure to which the component is affixed can support four times the weight of the component and any additional apparatus mounted to the component.

WARNING: Do not exceed the weight capacity for this product as listed below. This can result in serious personal injury or damage to the equipment. It is the installer's responsibility to ensure that the total combined weight of all attached components does not exceed that of the maximum figure stated.

WARNING: Risk of death or serious injury may occur when children climb on audio and/or video equipment or furniture. A remote control or toys placed on the furnishing may encourage a child to climb on the furnishing and as a result the furnishing may tip over on to the child.

WARNING: Risk of death or serious injury may occur. Relocating audio and/or video equipment to furniture not specifically designed to support audio and/or video equipment may result in death or serious injury due to the furnishing collapsing or over turning onto a child or adult.



WARNING – RISK OF INJURY!



Only for use with equipment weighing **154LBS (70KG) OR LESS.**

Use with heavier projectors/equipment may lead to instability causing tip over or failure resulting in death or serious injury.

Bracket Suitable for Residential and Commercial Use.

ADDITIONAL WARNINGS:

1. Keep all documentation/instructions after fitting.
2. Read all technical instructions fully before installation and use. It is the installer's responsibility to ensure that all documentation is passed on to the end user and read fully before operation.
3. Do not use near water or outdoors unless the product has been specifically designed to do so.
4. Protect any cables or cords being used near this bracket from being walked on or pinched to prevent damage and risk of injury.
5. Use this product only for its intended purpose as described in the product instructions and only use attachments/accessories specified by the manufacturer.
6. Do not operate the product if it is damaged in any way, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped. Contact the original installer/manufacturer to arrange repair or return.

WARNING - To reduce the risk of burns, fire, electric shock, or injury to persons:

1. Clean only with a dry cloth and always unplug any electrical items being used in conjunction with this product before cleaning.

Future Sound & Vision trading as Future Automation intend to make this and all documentation as accurate as possible. However, Future Automation 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 prior notice or obligation of any kind. Future Automation makes no representation of warranty, expressed or implied, regarding the information contained herein. Future Automation assumes no responsibility for accuracy, completeness or sufficiency of the information contained in this document.

PRODUCT WARRANTY & RISK ASSESSMENT

WARRANTY INFORMATION

WARNING - The warranty offered for this product shall be annulled if the product is used improperly or in a way that is in breach of our Terms of Service.

Future Automation provides warranty for the mechanism you purchased for the period of **24 months** from the date of purchase, provided that it isn't used for unintended purposes.

Under the warranty, Future Automation aims to either solve the issue remotely (via telephone or email support) or if the mechanism requires a part, arrange a visit to your premises by a Future Automation approved engineer or send replacement items where appropriate.

Warranty repairs will be carried out as quickly as possible, but subject to parts availability. This warranty period is respectively extended for the period of a repair.

A malfunctioning product must be cleaned and placed into suitable packaging to protect against transit damage before organising delivery to a repair workshop.

All the complaints about defects must be submitted to the vendor/installer that sold this product, rather than directly to the manufacturer.

Any part of your system that needs to be replaced during a warranty repair becomes the property of Future Automation.

The warranty does not cover the following:

- Damages resulting from improper product use or maintenance.
- Repairs carried out by unauthorized persons.
- Natural wear and tear during operation.
- Damages caused by the buyer.
- Accidental damages caused by a customer or damages caused as a result of careless attitude or usage, or damages caused by natural disasters (natural phenomena).
- Any electrical, or other environmental work external to your Future Automation mechanism including power cuts, surges etc.
- Additional items not supplied by Future Automation although they may have been supplied together by the retailer
- Any 3rd party software products controlling your mechanism
- Any transfer of ownership. Warranty is provided only to the initial purchaser.
- Compensation for loss of use of the product, and consequential loss of any kind.

A separate Safety and Servicing Information document is provided with these instructions (additional copies can be found at www.futureautomation.co.uk/safety), and this document **MUST** be filled out by the approved Future Automation Dealer who is installing the product. This Warranty Sheet must be held by the end user for the duration of the products life and will be referred to during servicing or warranty queries.

The Safety and Servicing Information document also contains two Service History Forms that must be filled in by the approved Future Automation dealer who is performing the first required yearly service of this product.

One copy of the Service History Form must be held by the customer (along with the Warranty Sheet) and a duplicate copy must be held by the approved Future Automation dealer that performed the service. Missing and/or mismatching documents may delay or invalidate warranty claims.

Additional Service History Forms can be found on the Future Automation website for further yearly services.

RISK ASSESSMENT INFORMATION

It is the installer's responsibility to perform a risk assessment of installed products. Future Automation can provide guidelines to installers/dealer about what should be included in a risk assessment, but due to the individual nuances of each location/site, Future Automation cannot provide a full list of areas to risk assess.

For full risk assessment and safety information please view our Safety and Servicing guide available at www.futureautomation.net/safety

GUIDE

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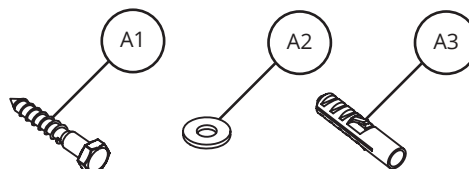
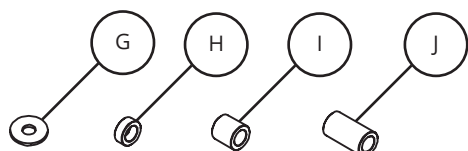
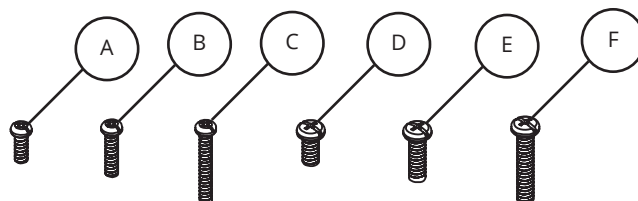
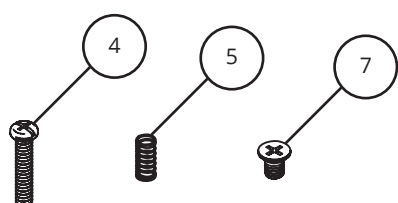
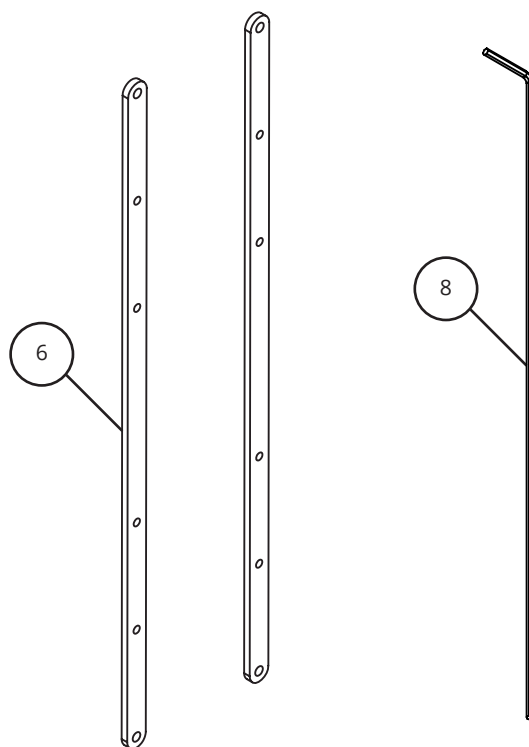
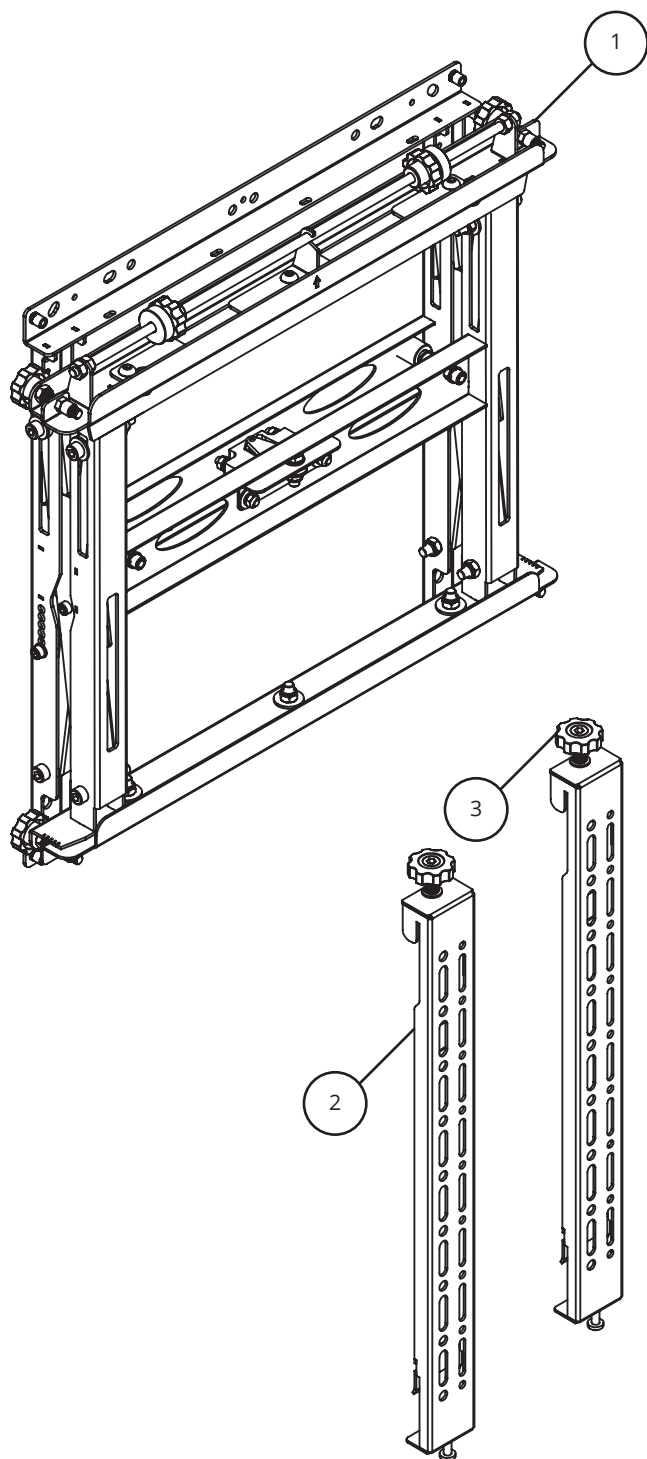
PACKAGE CONTENTS

1 - VWM BRACKET

- 1 - WALL MOUNT
- 2 - INTERFACE ARM (2*)
- 3 - HANDWHEEL (2*)
- 4 - M8 * 40MM SCREW (4*)
- 5 - SPRING (2*)
- 6 - 600MM ADAPTER ARMS (2*)
- 7 - M8 * 23MM SCREW (4*)
- 8 - 4AF HEX KEY

- A - M6 * 16MM SCREW (4*)
- B - M6 * 25MM SCREW (4*)
- C - M6 * 40MM SCREW (4*)
- D - M8 * 16MM SCREW (4*)
- E - M8 * 25MM SCREW (4*)
- F - M8 * 40MM SCREW (4*)
- G - M6 WASHER (4*)
- H - 5MM SPACER (4*)
- I - 12MM SPACER (4*)
- J - 24MM SPACER (4*)

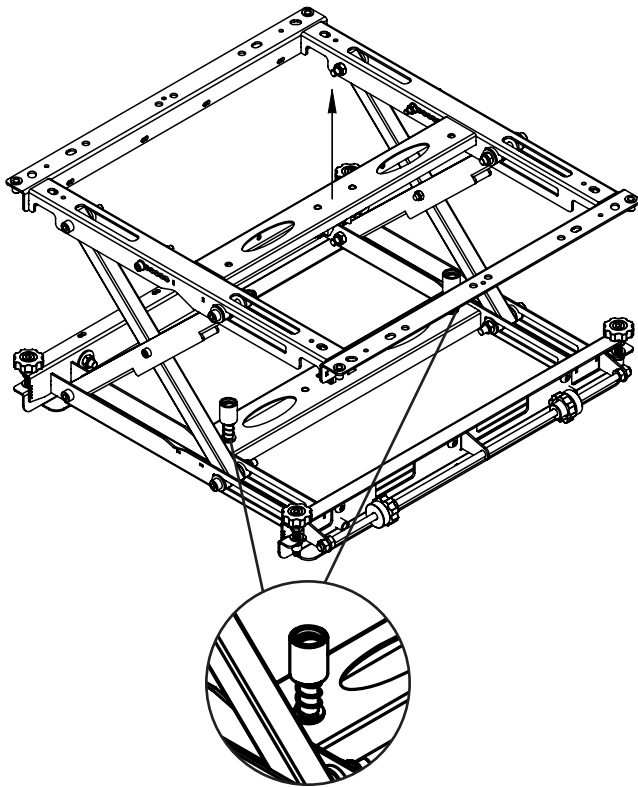
- A1 - ST8 * 63MM COACH SCREW (4*)
- A2 - M8 WASHER (4*)
- A3 - #10 WALL PLUG (4*)



(OPTIONAL)

REPLACE SPRINGS

Swapping the factory fitted springs for the included lower tension springs **(5)** reduces the force required to push the VWM open/closed. This is recommended for more fragile, lcd and led displays.



1

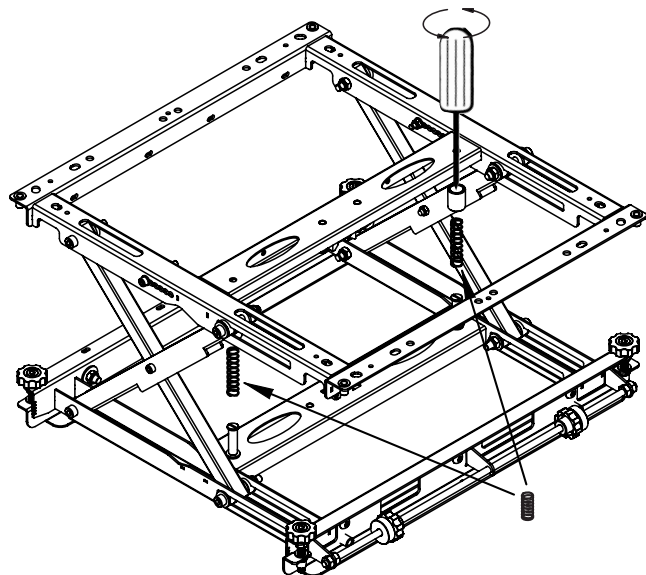
Open the VWM to access the two springs located along the rear strut brace.

2

Use a crosshead screwdriver to access the original springs.

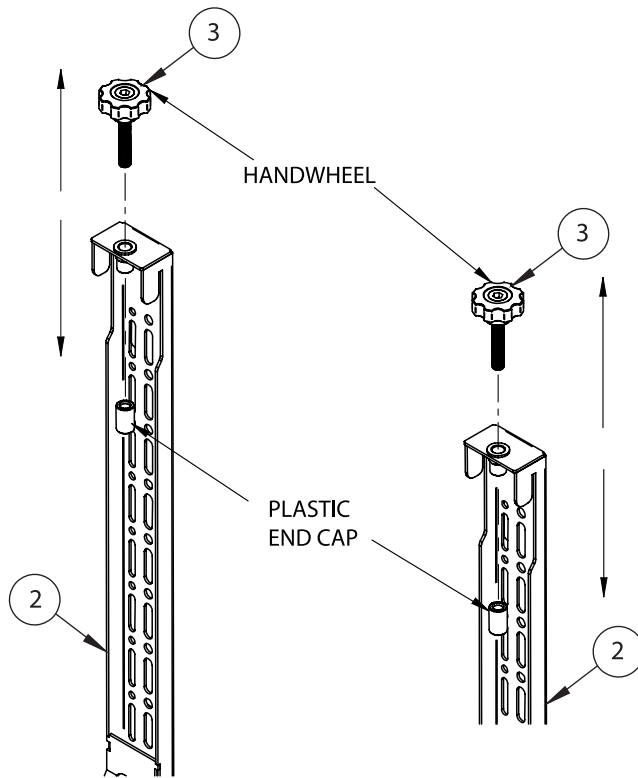
3

Replace with lower tensions springs from included parts **(5)**.



(OPTIONAL) REPLACE HANDWHEELS

The included handwheels **(3)** may be visible when using smaller screens. They can be replaced with M8 * 40MM Screws **(4)** if required to avoid the handwheels being visible above the top of the screens.

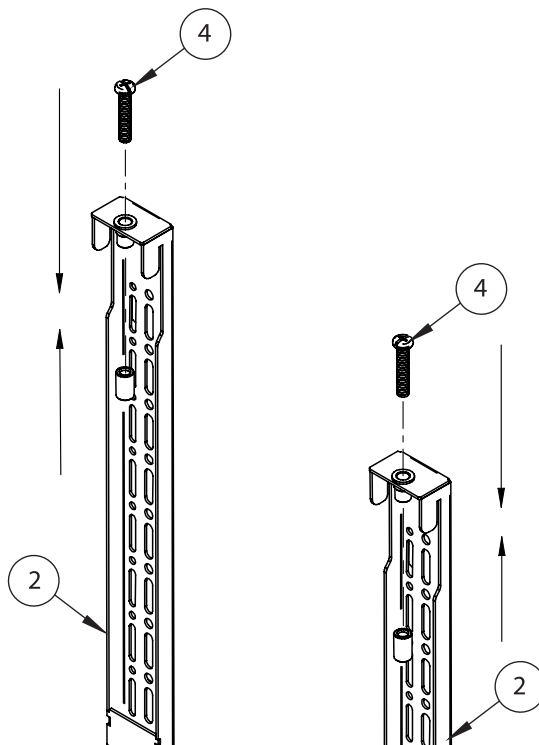


1

Loosen the handwheels by hand and store safely in case they are needed in the future.

2

Use a crosshead screwdriver to attach the M8 * 40MM screws **(4)**.

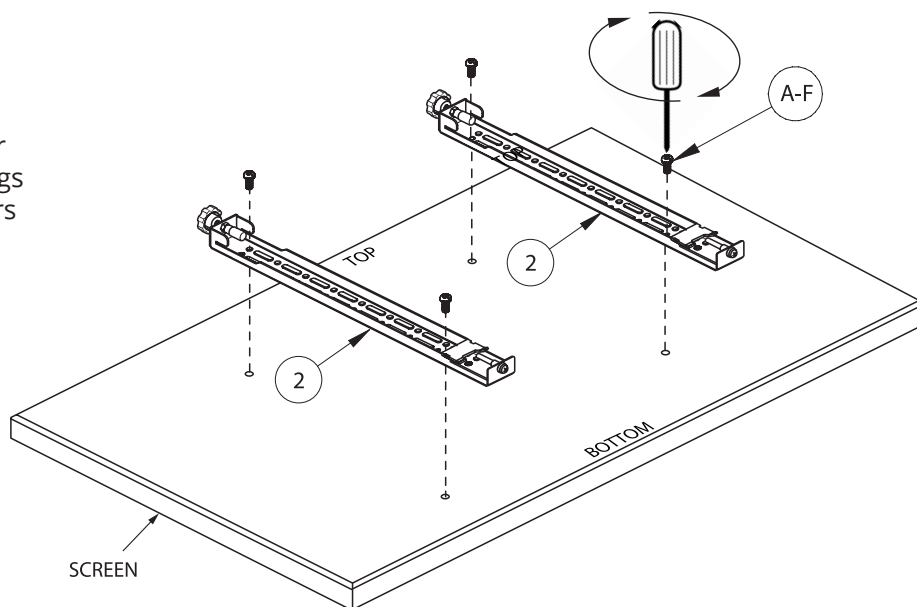


ATTACHING INTERFACE ARMS

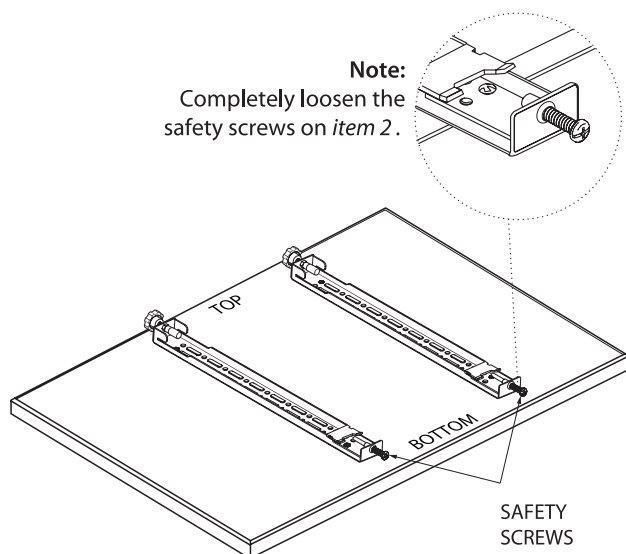
1

Attach both interface arms to your screen using the appropriate fixings (A-F). Use the included M6 washers (G) when using fixings (A-C).

**FOLLOW VESA 600
INSTALLATION GUIDE
ON NEXT PAGE FOR
600*400 PATTERNS**



Note: Use spacers (*items H, I & J*) for screens with recess fixings.



Note:
Completely loosen the
safety screws on item 2.

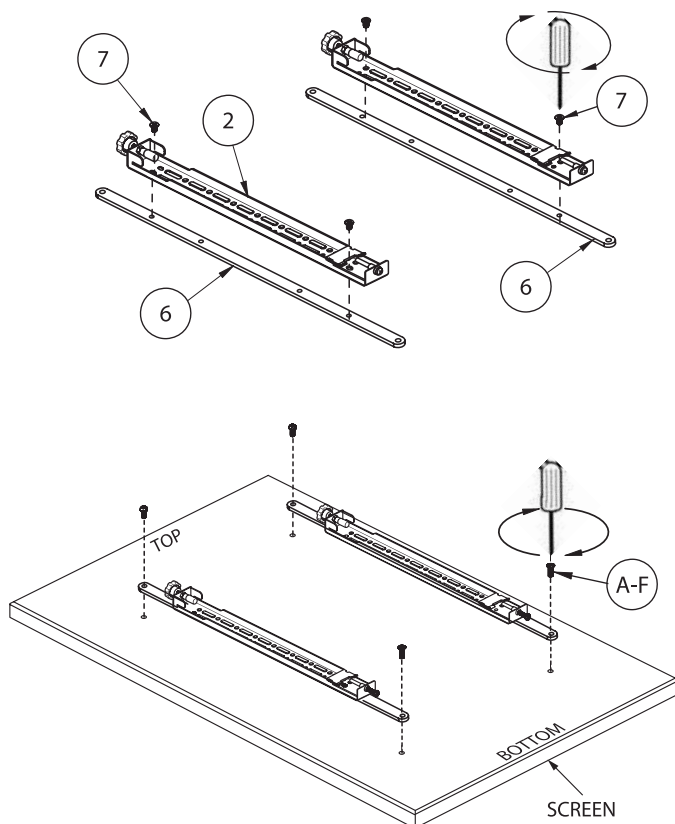
2

Loosen (don't remove) the safety screws so the display can be attached to the VWM.

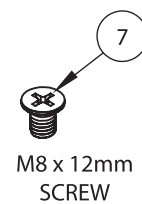
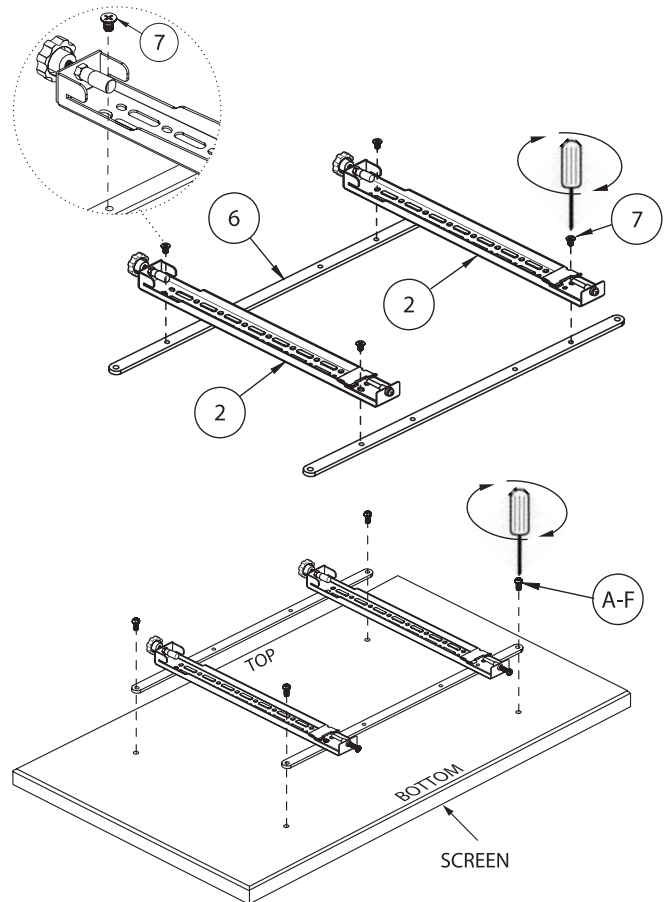
VESA 600 ADAPTER MOUNTING

For displays with VESA 600 mounting patterns the included 600mm mounting arms (6) can be attached to the interface arms using the included M8*12mm screws (7).

PORTRAIT MOUNTING



LANDSCAPE MOUNTING

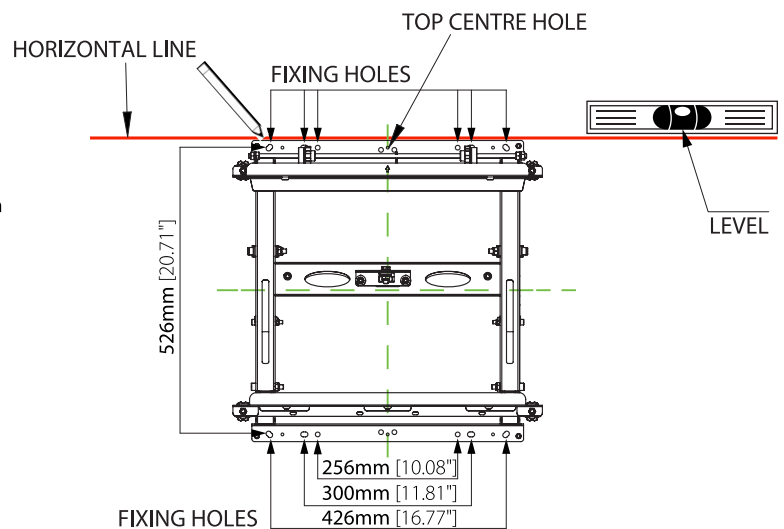
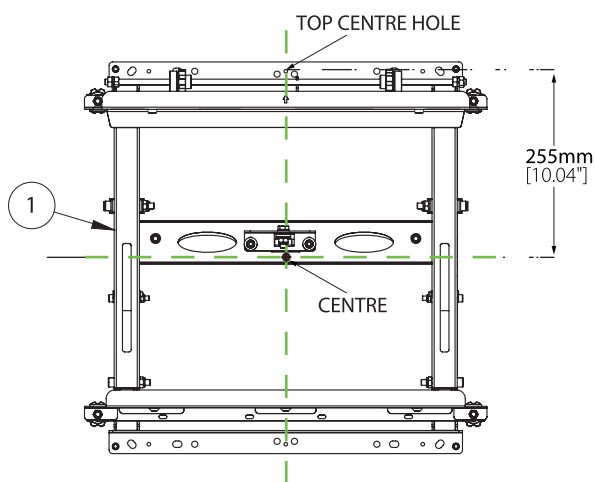
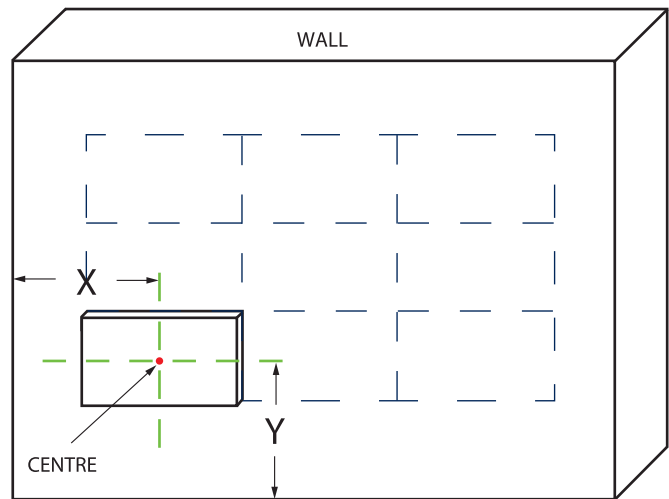


ON-WALL MOUNT FIXING

1 Starting in the bottom left corner, locate the centre point of first mount and then mark up **255mm (10.04")** to locate the VWM top centre hole.

2 Ensure the mount is level and use appropriate fixings to attach the VWM to the wall.

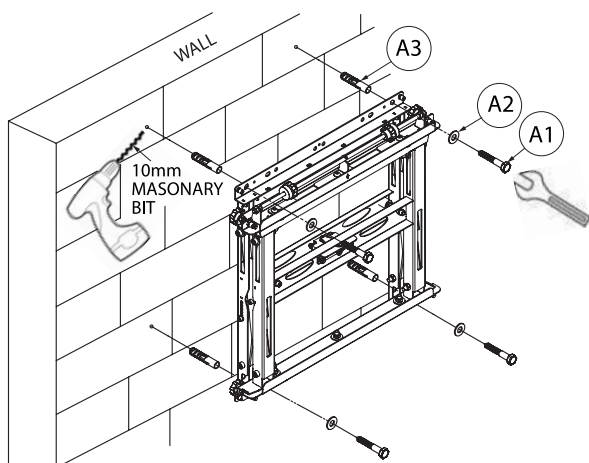
IT IS THE INSTALLER'S RESPONSIBILITY TO ENSURE THE WALL FIXINGS ARE APPROPRIATE FOR THE INSTALLATION



CONCRETE WALL INSTALLATION

Drill holes at least **63mm (2.48")** deep avoiding mortar joints and use suitable wall fixings to attach the VWM to the wall.

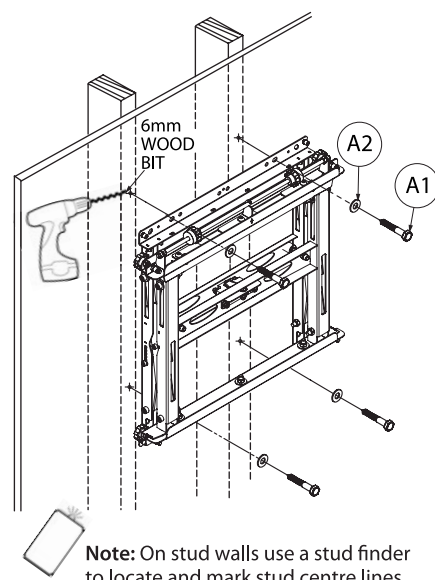
Minimum distances between fixings -
Width: **252mm (9.92")**
Height: **435mm (17.13")**



STUD WALL INSTALLATION

Only suitable for stud walls where the distance between each centrepont is 305mm (12").

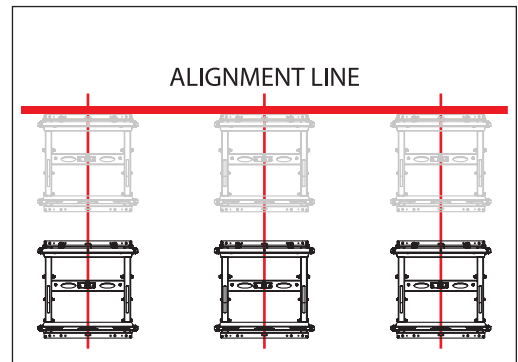
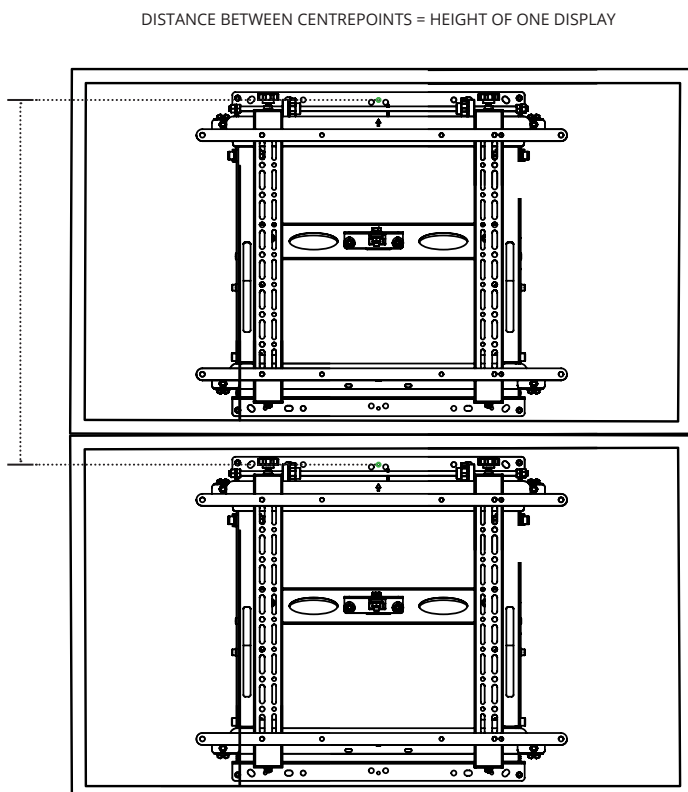
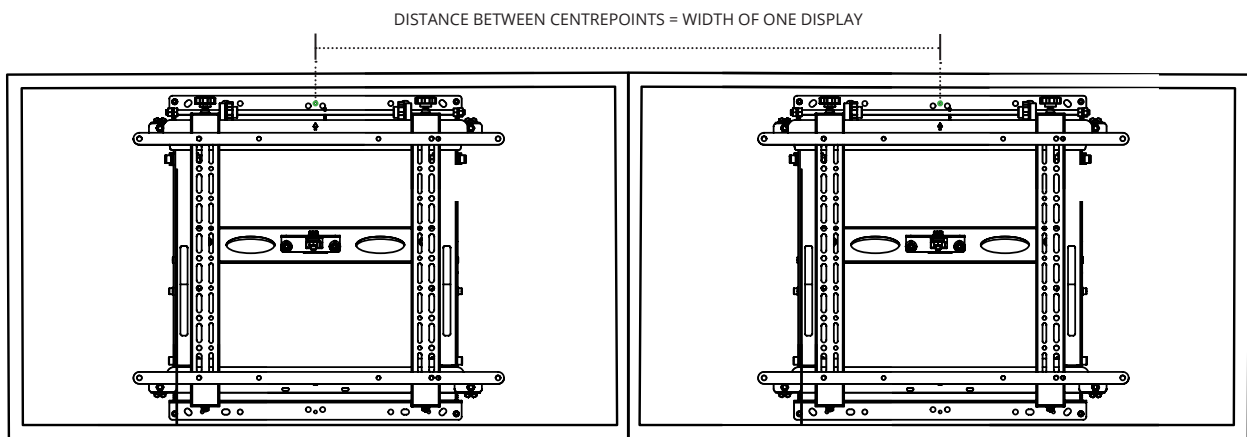
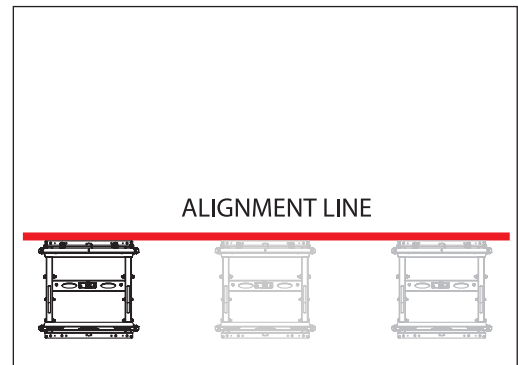
NOTE: Use only the 4 fixing holes shown for stud wall mounting.



ADDITIONAL SCREEN MOUNTING ALIGNMENT

1 Use a level (or self-levelling laser guide) and mark a horizontal alignment line to position adjacent VWMs in along the row.

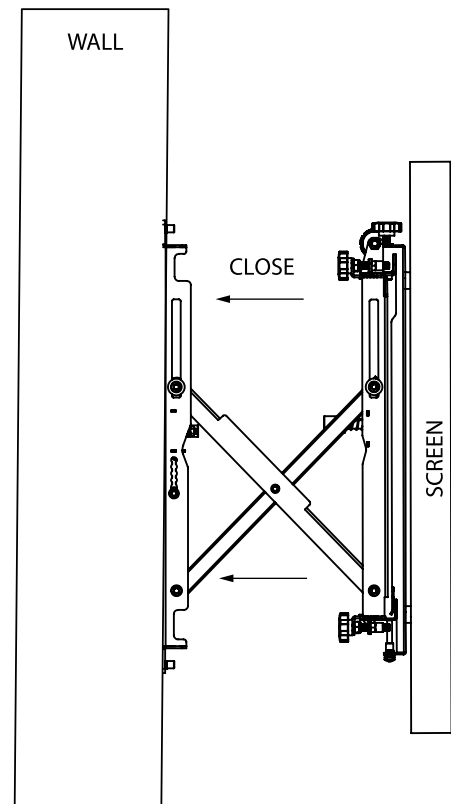
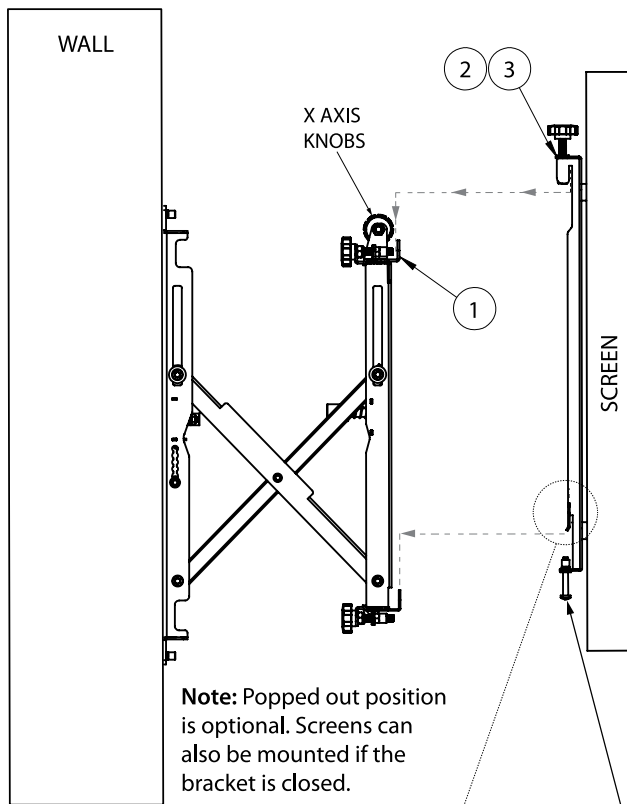
2 Mark the centrepoinets for additional adjacent VWMs being mounted (The distance between the centrepoinets will equal the width of your chosen display).



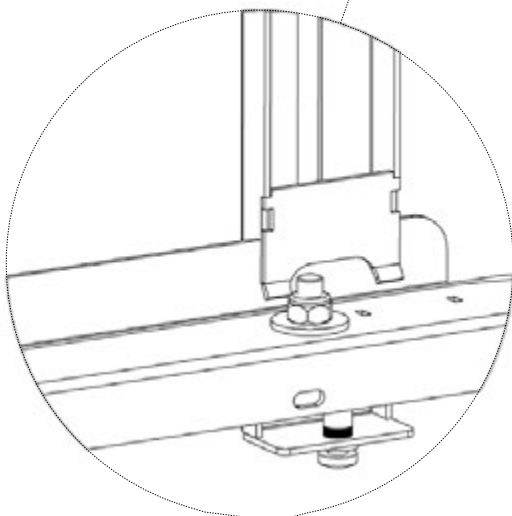
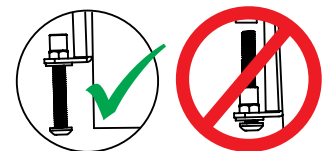
3 Mark the centrepoinet of your next row using the height of your display to calculate the vertical gap between each VWM mount.

4 Repeat these steps to complete the installation of all of your VWM mounts taking care to maintain equal spacing across the span of the wall.

FITTING FIRST SCREEN



Important: Safety screws need to be in the unlocked position. Tighten safety screws once all screens are mounted and aligned with each other.



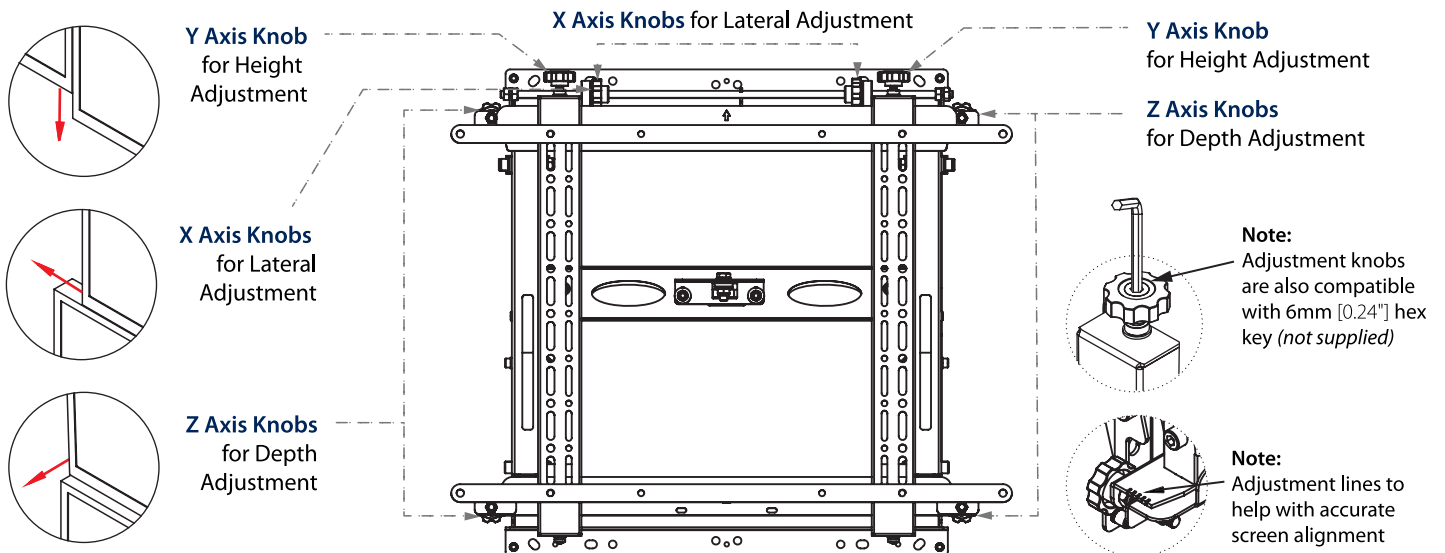
Note: Ensure the bottom interface arm hooks are properly mounted onto the wall plate.

1 Hook the first screen onto the bottom left wall plate keeping the x-axis knobs between the middle of the two interface arms.

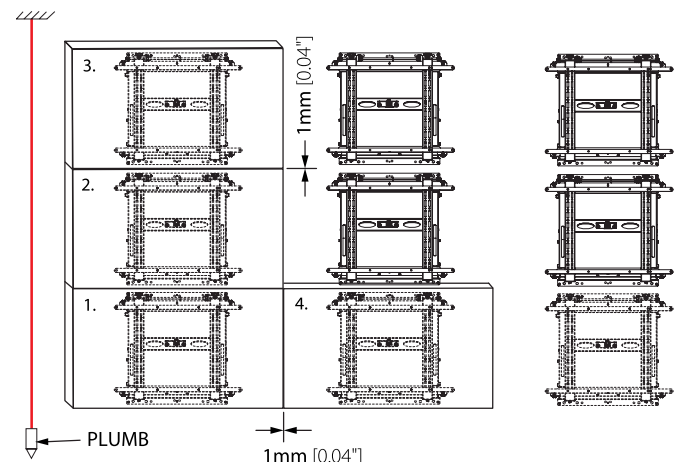
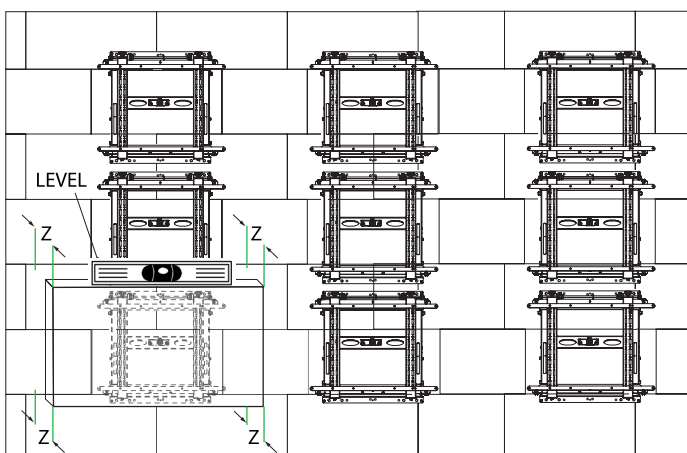
2 Use the tilt, roll, and yaw adjustments (see next section) to level the display once it has been hooked onto the mount.

MICRO ADJUSTING SCREEN ALIGNMENT

Total Y axis adjustment is +15mm [0.6"]
Total Z axis adjustment is +/-7mm [0.3"]

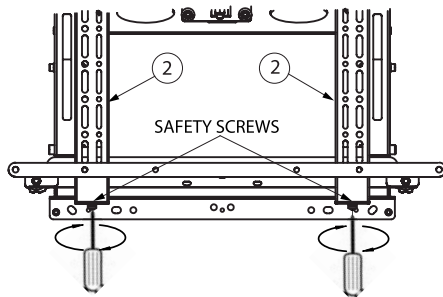


- 1** Align the screen parallel to the floor using a level and adjusting the Y-axis knobs.
- 2** The adjust the Z-axis knobs to ensure each corner is equidistant to the wall.
- 3** Use a plumb to align the first column leaving at least a 1mm (0.04") gap between each display.

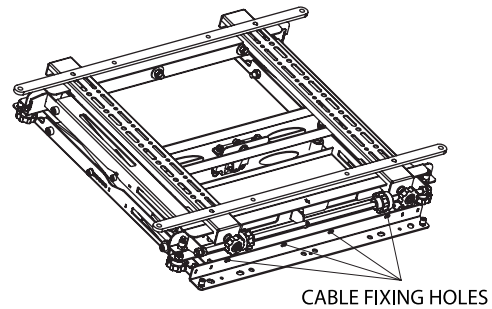


FINAL FITMENT

- 1 Tighten the safety screws once the displays are correctly positioned.



- 2 Use the cable fixing holes to manage cables neatly behind each display, leaving enough cable slack to open the VWM mount.

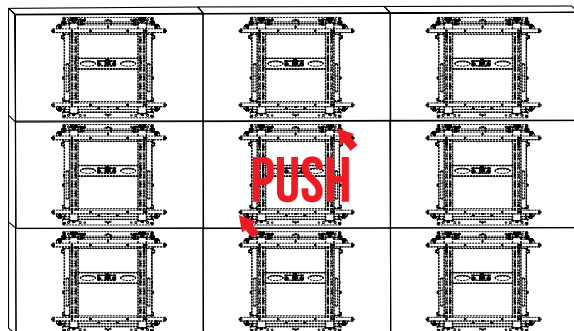


DISPLAY SERVICING

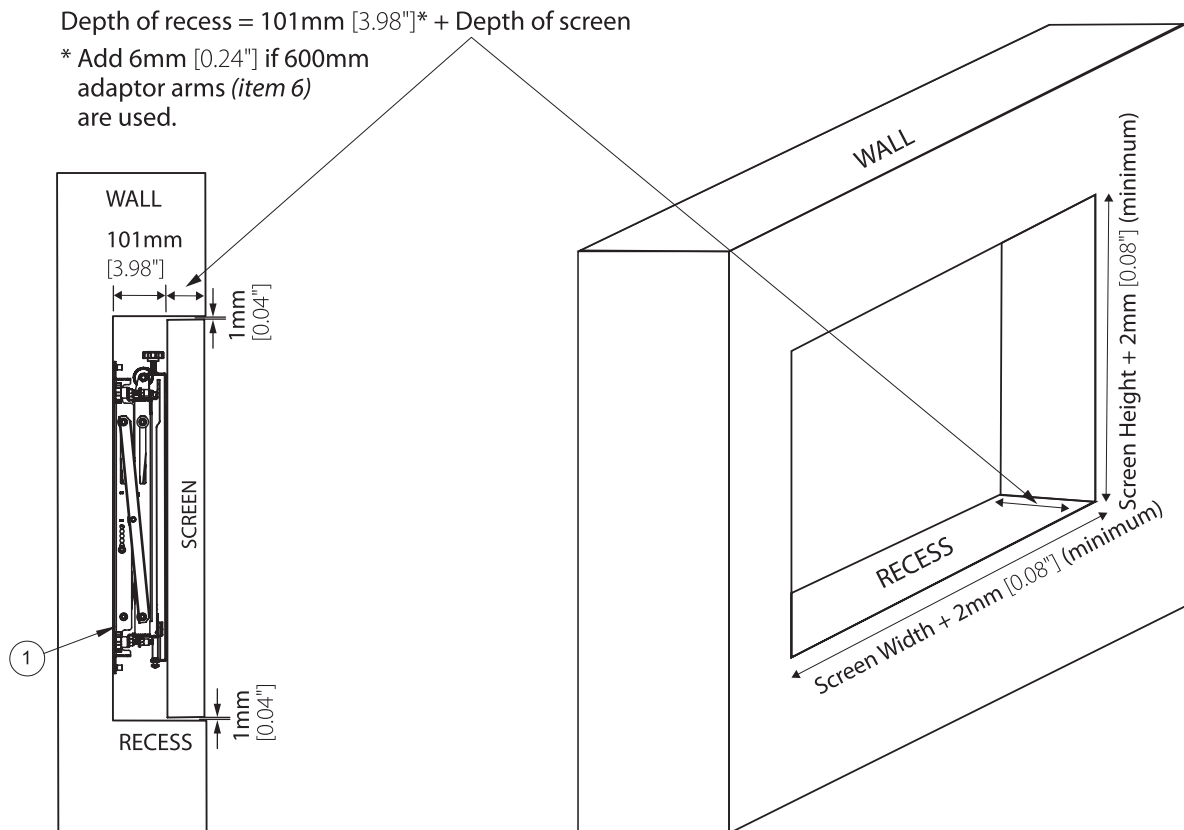
- 1 To service the screen, push the top and bottom edge of the display bezel in line with the interface arms.

- 2 Applying equal pressure simultaneously will release the display and avoid flexing the display.

- 3 Once all servicing is complete, carefully push the display back and click into place.



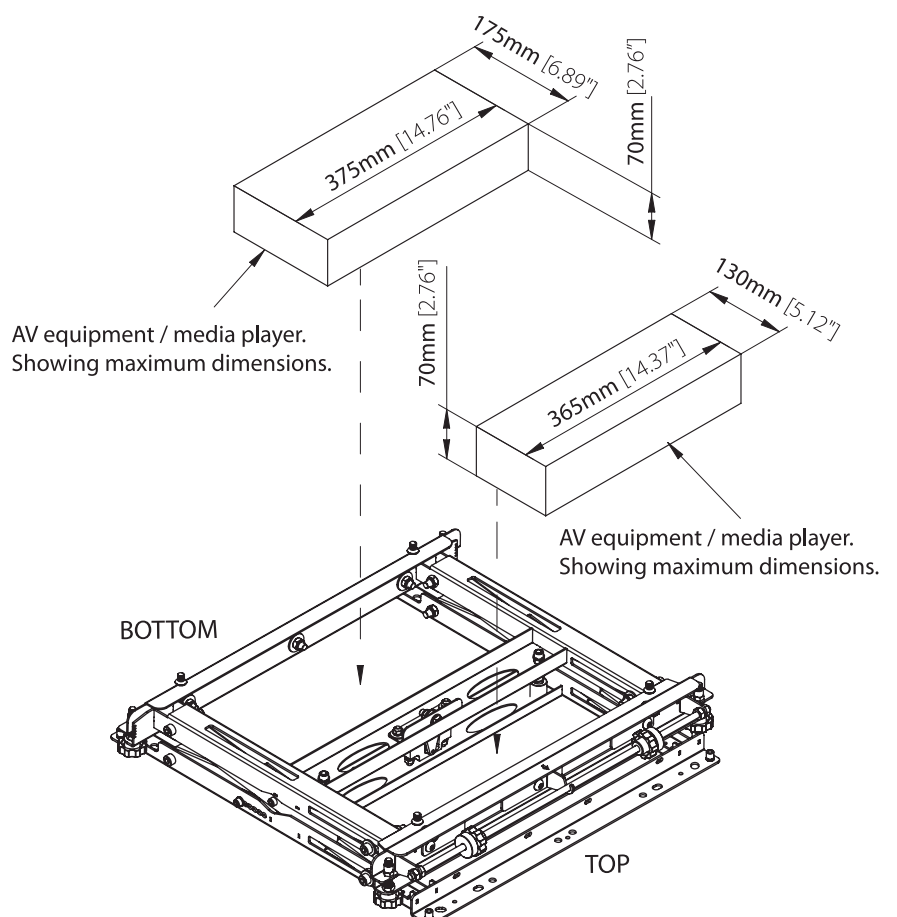
RECESS MOUNTING



AV EQUIPMENT INSTALLATION

There are two available spaces to mount additional AV equipment directly behind the display.

Please ensure there is enough space to insert cables into your AV equipment without stressing the power/data connectors.



NOTES:

NOTES:



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Saturday & Sunday - Closed