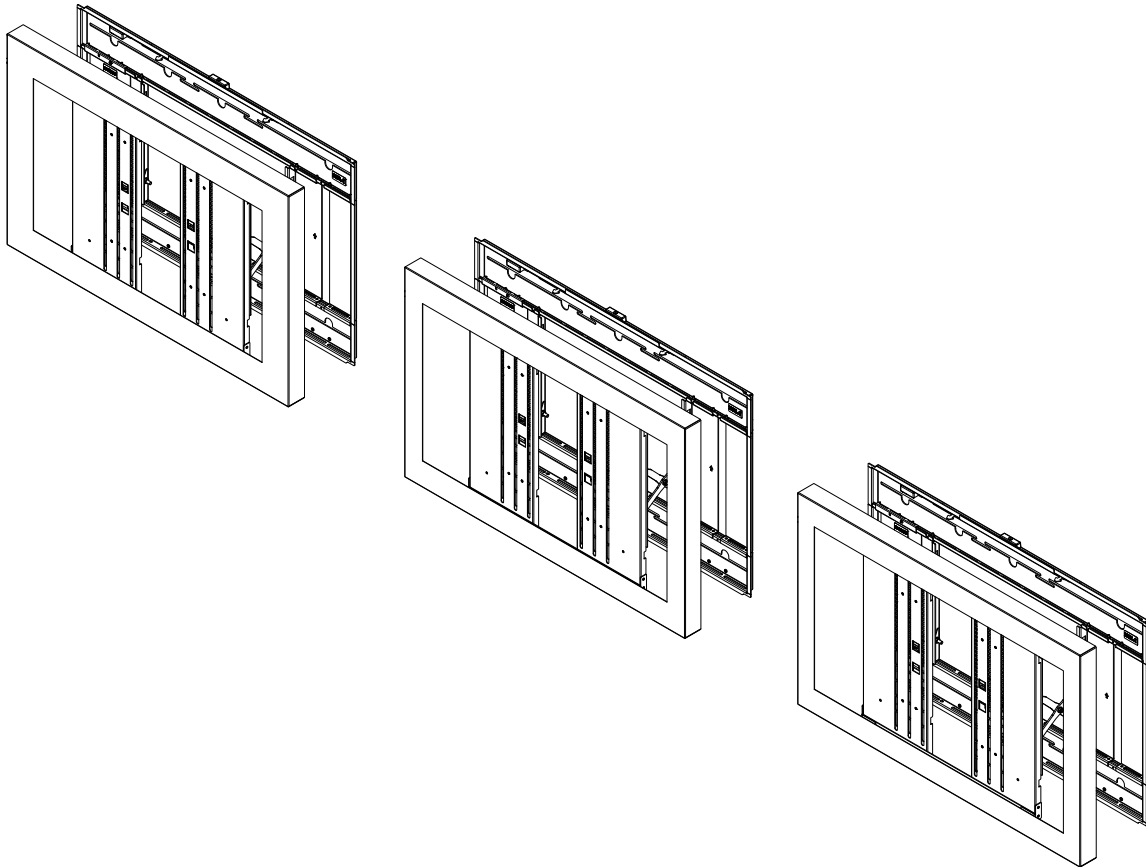


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# INSTALLATION INSTRUCTIONS

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**40"/42"/43" Landscape Wall Kiosks**

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**CHIEF®**

A brand of **legrand®**

**LW40/42/43Ux**

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## 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 weight of components attached to swing door does not exceed:

- **LW40/42/43UB Models:** 100 lbs (45.4 kg)  
Removable storage panel capacity: 5 lbs (2.3 kg)

The extended position is for installation and service only.



**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 LW40/42/43UB and LW40/42/43UW landscape wall kiosks are designed to be mounted to:

- a bare 8" concrete or 8"x8"x16" concrete block wall; or
- a 2" x 4" wood studs (16" or 24" on center) wall; or
- a steel stud (24" on center maximum) wall with a maximum drywall thickness of 5/8"

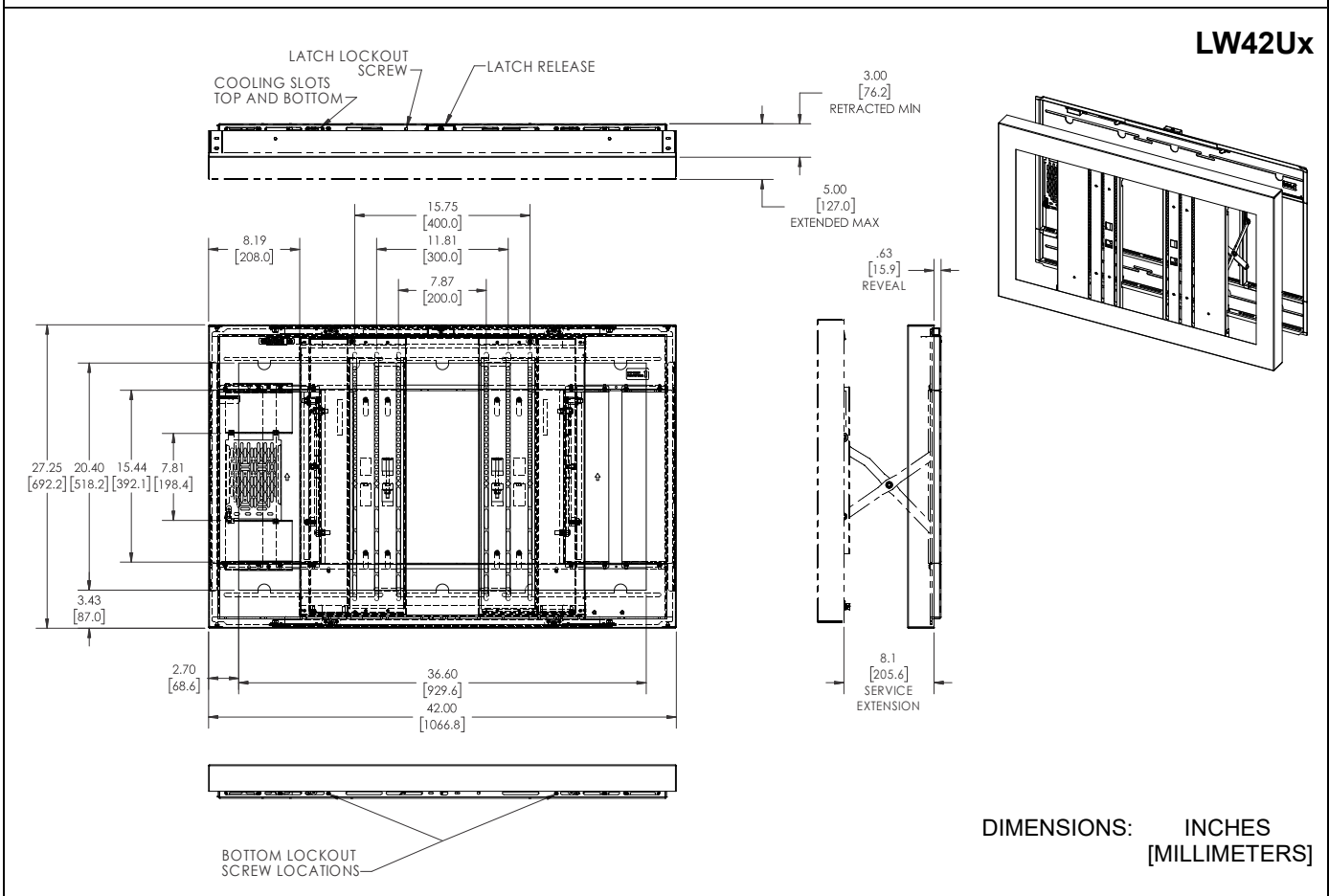
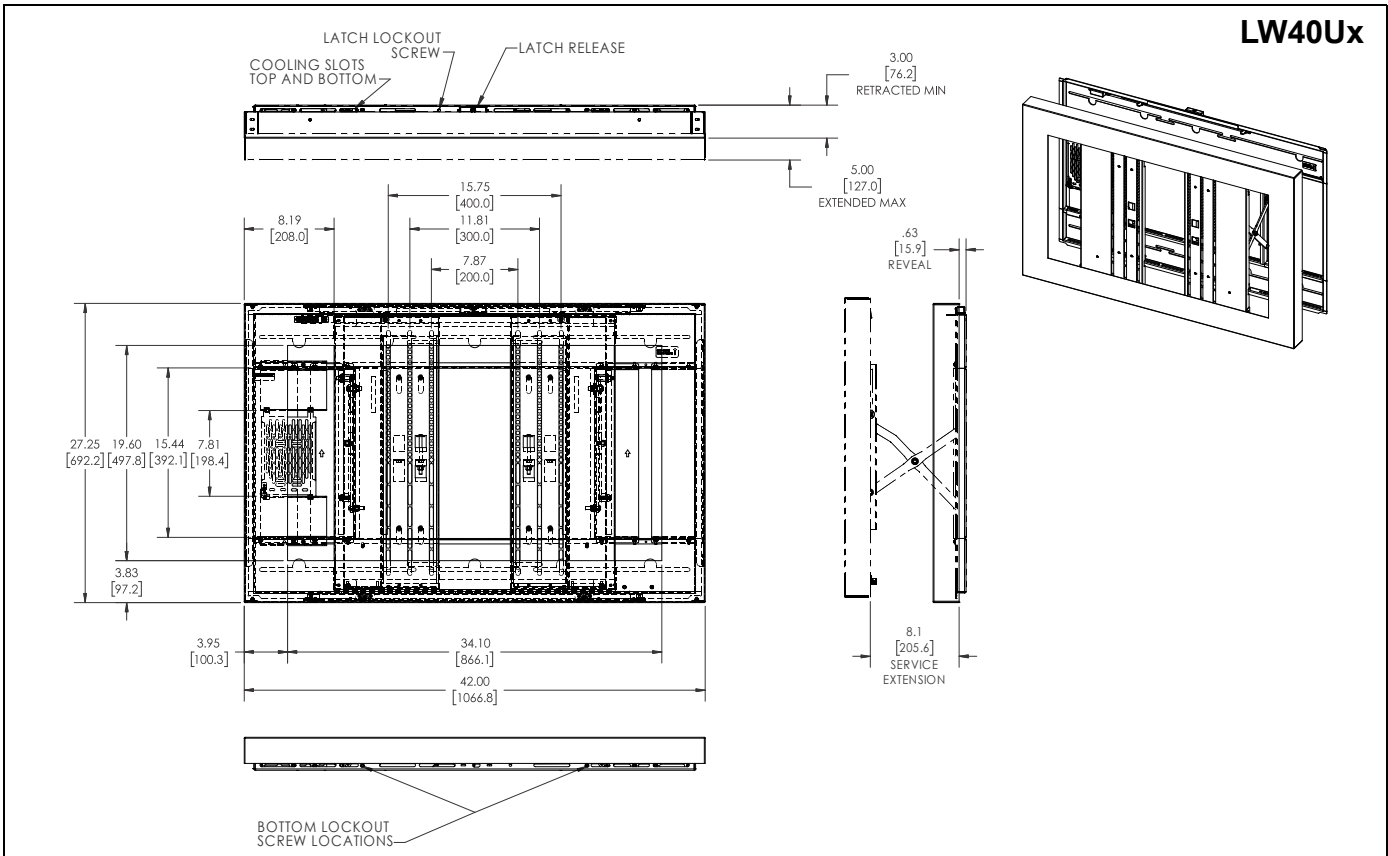
**NOTE:** The kiosks have an adjustable depth of 3" to 5".

**--SAVE THESE INSTRUCTIONS--**

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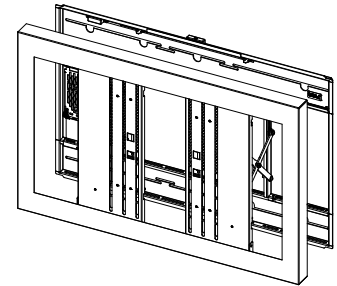
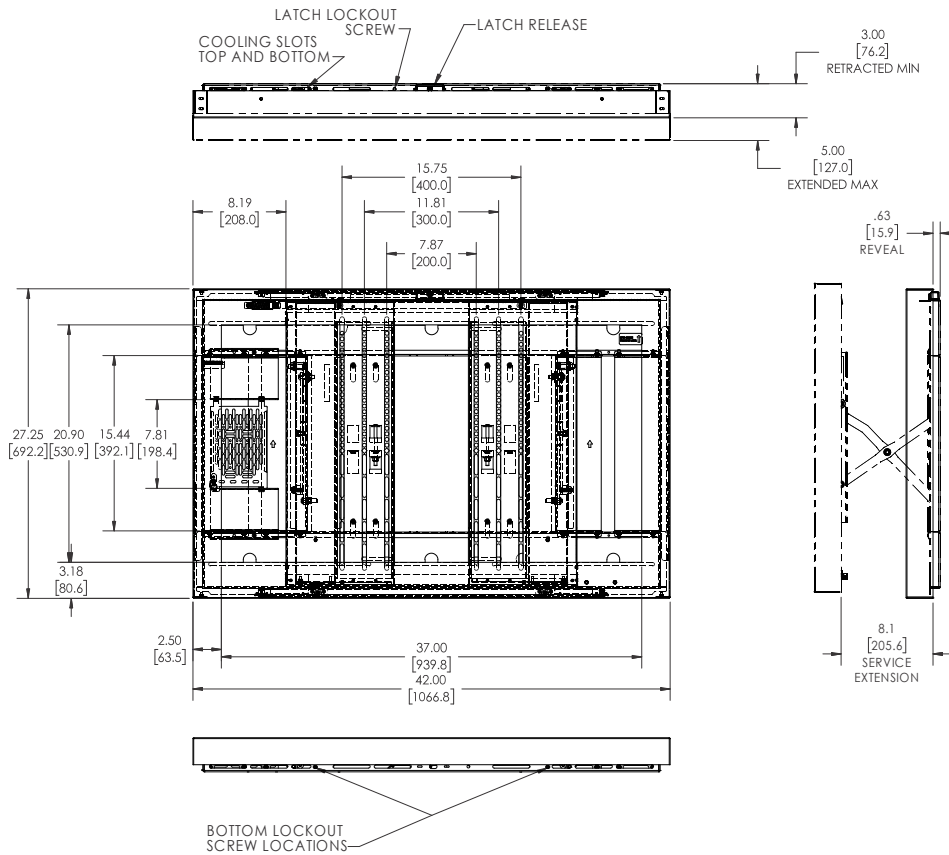
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**DIMENSIONS**




**DIMENSIONS...continued**


**LW43Ux**





DIMENSIONS: INCHES  
[MILLIMETERS]

**LEGEND**

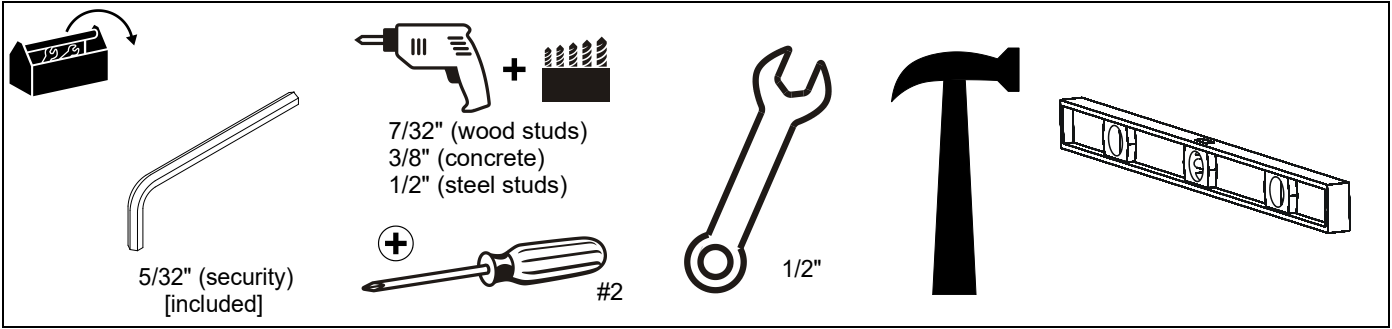
	<b>Phillips Screwdriver</b>
	Destornillador Phillips
	Kreuzschlitzschraubendreher
	Chave de fendas Phillips
	Cacciavite a stella
	Kruiskopschroevendraaier
	Tournevis à pointe cruciforme

	<b>Drill Hole</b>
	Perforar
	Bohrloch
	Fazer furo
	Praticare un foro
	Gat boren
	Percez un trou

	<b>Open-Ended Wrench</b>
	Llave de boca
	Gabelschlüssel
	Chave de bocas
	Chiave a punte aperte
	Steeksleutel
	Clé à fourche

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

**TOOLS REQUIRED FOR INSTALLATION**



**PARTS**

**NOTE: Letters match markings on hardware bags**

Hardware Bag - Wall Hardware	Hardware Bag - Monitor Interface Hardware			Hardware Bag - Security/Swap Hardware
AA (8) 5/16 x 2-1/2"	BA (4) M4 x 12mm	BB (4) M4 x 25mm	BC (4) M4 x 50mm	CA (1) 5/32" (security)
AB (8) 5/16"	BD (4) M5 x 12mm	BE (4) M5 x 25mm	BF (4) M5 x 50mm	CB (3) 10-24 x 3/8"
AC (8) 1/4-20 SnapToggle	BG (4) M6 x 12mm	BH (4) M6 x 25mm	BI (4) M6 x 50mm	CC (4) 10-24 x 3-1/2"
AD (8) 1/4-20 x 1-3/4"	BJ (4) M8 x 12mm	BK (4) M8 x 25mm	BL (4) M8 x 50mm	CD (2) [Thumb nut]
AE (8) 1/4"	BM (8) .750x.344x.500"	BN (8) .750x.323x.250"	BO (4) [universal washer]	A (1 roll) [1/2" wide gasket strip]
AF (8) UX10x60R				

**B (1)**  
[Outer cover/carrier frame]  
(LW42Ux shown as example)

**C (1)**  
[Rear frame/scissors assembly]  
(LW42Ux shown as example)

## ASSEMBLY AND INSTALLATION

### Preparing Rear Frame

1. Remove kiosk rear frame (B) from the packaging and place on a flat surface. (See Figure 1)

**NOTE:** The kiosks ship with the removable storage panel already in place in one of two mounting positions. The panel may be removed to add components as required, and then reinstalled in either location.

Install AV component(s) to the panel using the hardware and instructions included with the component(s). Either screws or cable ties may be used to fasten component(s) to the panel.

### Removing/Installing Storage Panel

1. Squeeze the spring-loaded latch on lower end tabs of the storage panel and slide the panel up and out of the slots on the rear frame. (See Figure 1)

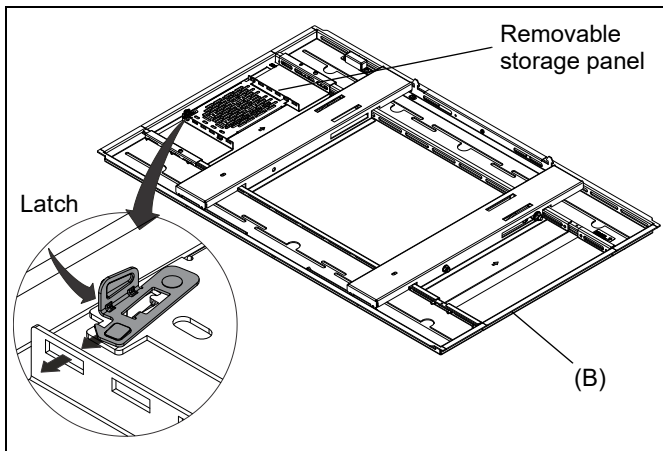


Figure 1

2. To reinstall the panel, slide the panel end without latches up into the slots on one side of the rear frame opening.
3. Pivot panel in and slide it down toward the slots on lower side of the rear frame panel opening. The panel will snap into the slots, securing it to the rear frame. (See Figure 2)

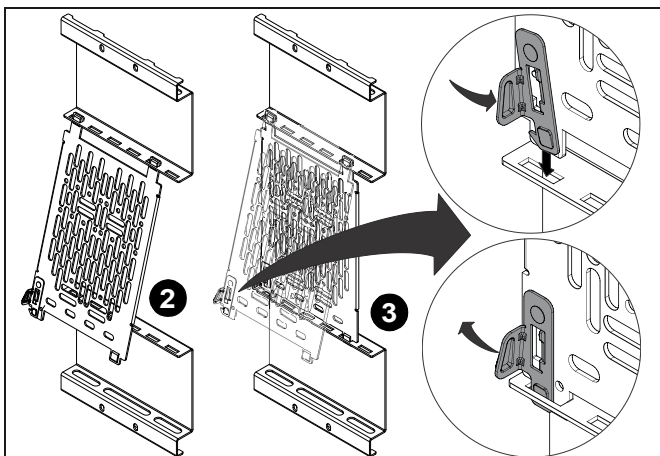


Figure 2

**NOTE:** When installing the lever lock panel, the latch on the panel must be positioned towards the bottom of the frame. (See Figure 1)

4. **OPTIONAL:** The storage panel can be positioned on either side of the rear frame. Remove the storage panel, then remove the two screws securing the mounting frames. Position the mounting frames on the other side of the rear frame and reinstall the screws. (See Figure 3)

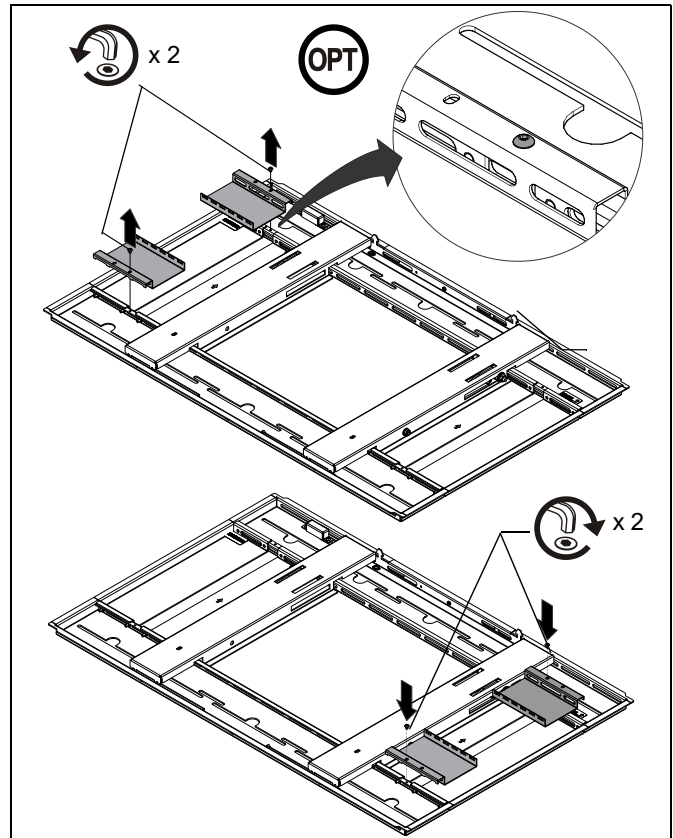


Figure 3

5. Reinstall the storage panel. (See Figure 4)

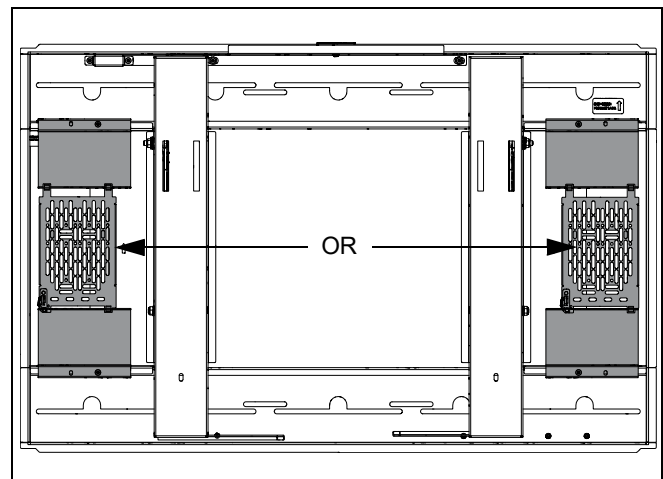
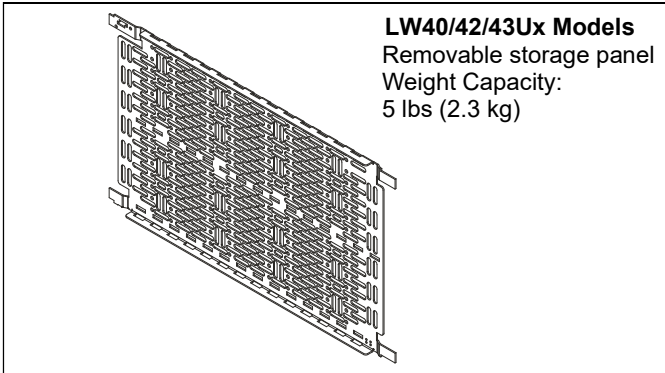


Figure 4

**Locate Mounting Site**

**⚠ WARNING:** IMPROPER INSTALLATION CAN LEAD TO MOUNT FALLING CAUSING SEVERE PERSONAL INJURY OR DAMAGE TO EQUIPMENT! It is the installers responsibility to make certain the structure to which the mount is being attached is capable of supporting five times the combined weight of all components attached to cover:

- **LW40/42/43Ux Models:** 100 lbs (45.4 kg)  
Removable storage panel capacity: 5 lbs (2.3 kg).  
(See Figure 5)



**Figure 5**

**Installing Rear Frame**

The LW40/42/43Ux landscape wall kiosk mounts are designed to be mounted to:

- a bare 8" concrete or 8"x8"x16" concrete block wall; or
- a 2" x 4" wood studs (16" on center minimum) wall with a maximum drywall thickness of 5/8"; or
- a steel stud (24" on center maximum) wall with a maximum drywall thickness of 5/8".

**Table 1: Fastener Information**

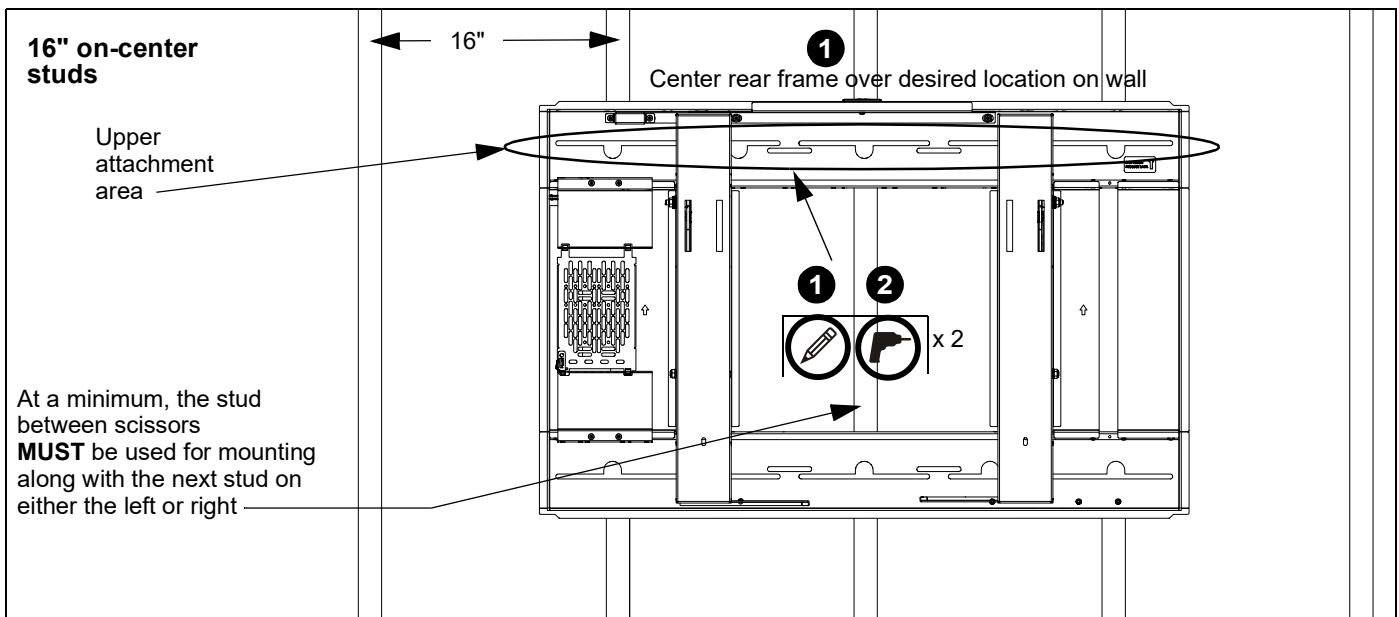
WALL TYPE	PILOT HOLE	FASTENERS (see PARTS drawing)
Steel stud / Wood stud	1/2"	- 1/4-20 x 1-3/4" Phillips screw (AD) - 1/4" washer (AE)
	7/32"	- 1/4-20 Snap toggle (AC) - 5/16 x 2-1/2" hex head lag (AA) - 5/16" washer (AB)
Concrete	3/8" x 3-1/4"	- 5/16 x 2-1/2" hex head lag (AA) - 5/16" washer (AB) - Fischer Anchor UX10x60R (AF)

**IMPORTANT ! :** When installing the rear frame it is preferable to use all possible available attachment points.

- The rear frame must be installed to a **MINIMUM** of two studs, one located between the scissors mechanism, and one to the next stud on either the left or right. (See Figure 6) and (See Figure 7).

1. Determine the horizontal center of the rear frame, and where it should be located on the wall.

- **For wood or steel stud walls,** use a level and mark the uppermost locations over studs for attachment a minimum of 16" apart and a maximum of 24" apart. (See Figure 6) and (See Figure 7)



**Figure 6**

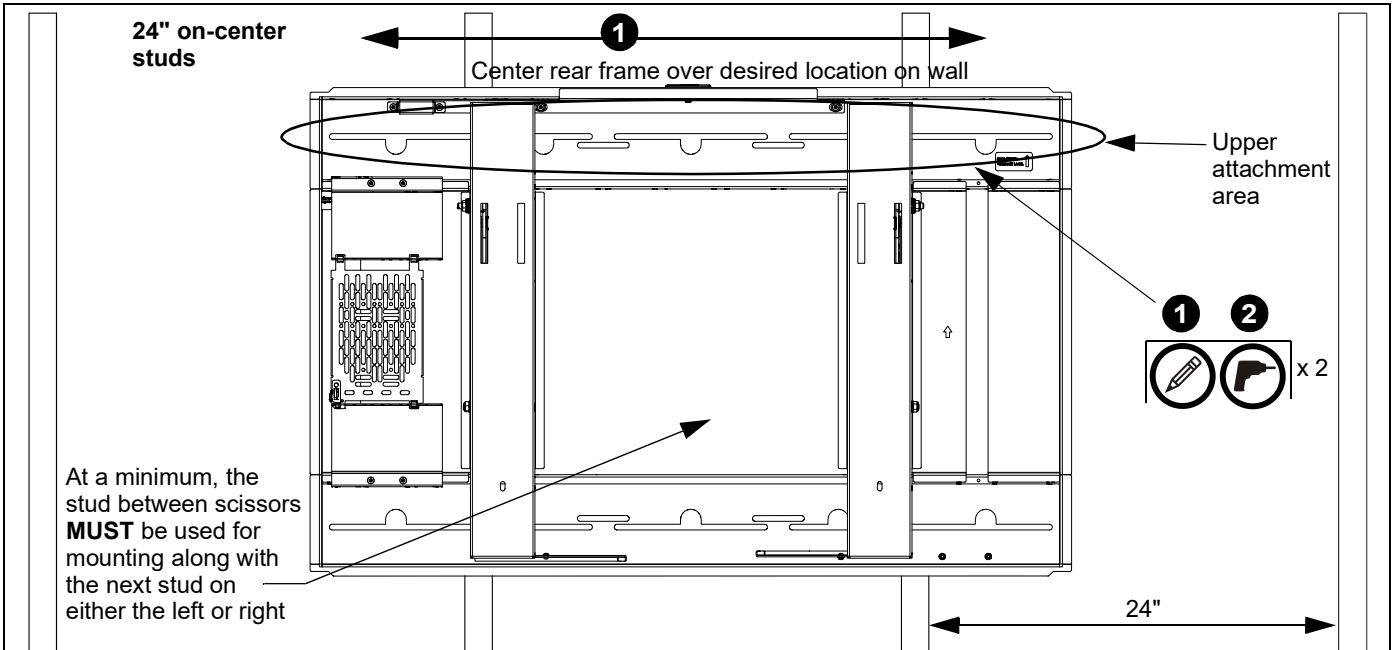


Figure 7

- **For concrete walls**, use a level and mark the eight locations for attachment in two columns, a column within 4 inches of each side of the scissors area. (See Figure 8)

2. Drill one pilot hole (see Table 1 for size) at top locations marked in Step 1 (See Figure 6), (See Figure 7) and (See Figure 8) and follow fastener information (appropriate for wall type) located in Table 1.

**IMPORTANT !** : Refer to **Fastener Installation Methods** (located in **Appendix** at end of Installation Instructions) for details on installing product into various wall types.

**IMPORTANT !** : Attaching the rear frame requires a minimum of 8 wall fasteners.

**IMPORTANT !** : **(OPTIONAL for wood and steel stud installations)** For additional rigidity in the installation, use a Snap-Toggle (AC), 1/4-20 x 1-3/4" Phillips screw (AD) and 1/4" washer (AE) at each corner of the rear frame if it is not attached to the studs at those points. (See Figure 10)

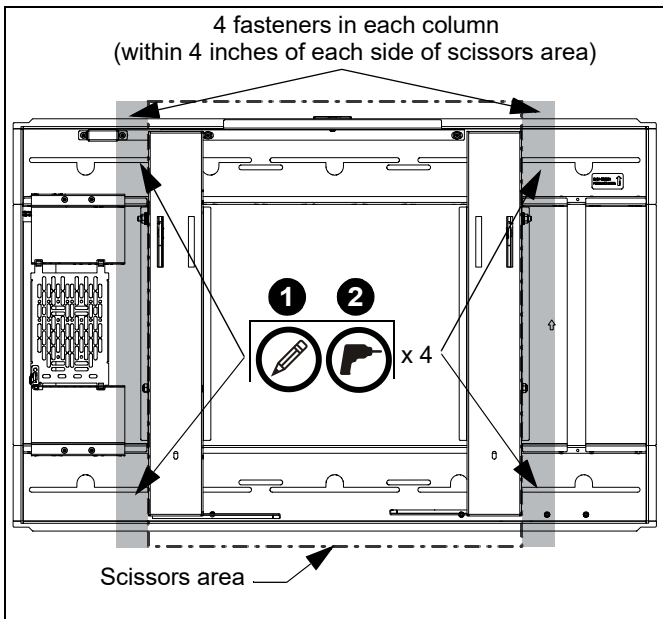


Figure 8

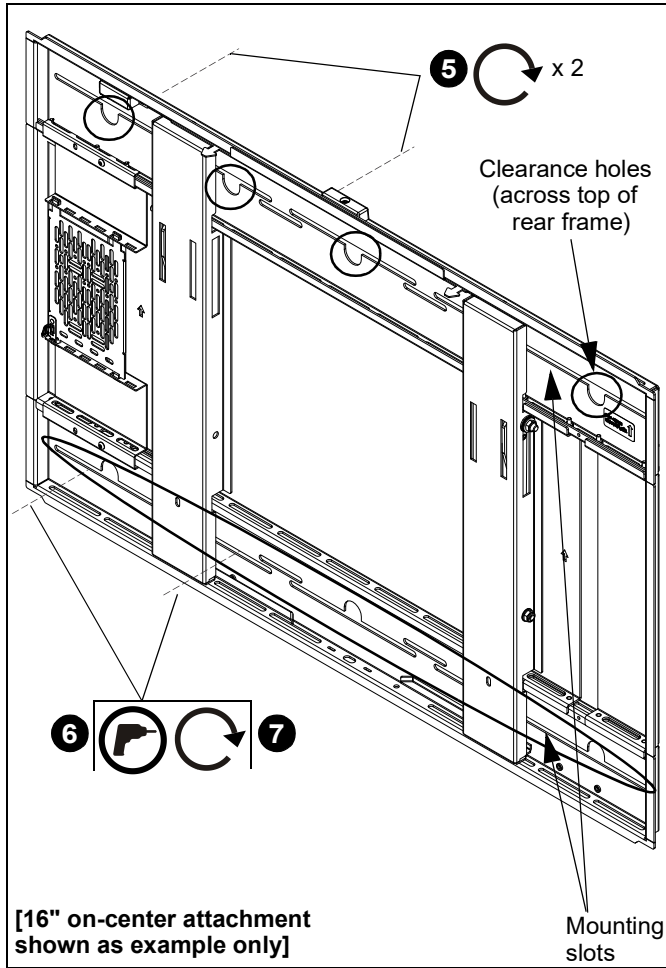


Figure 9

3. Partially install fasteners into wall, but do not completely tighten to wall.
4. Hang rear frame, aligning upper mounting slot clearance holes over fasteners and adjust side-to-side for proper location. (See Figure 9)
5. Tighten fasteners to secure rear frame to wall at upper mounting slots.
6. Drill six remaining pilot holes (see Table 1 for size) at attachment locations and follow fastener information (appropriate for wall type) located in Table 1. (See Figure 9)
7. Tighten six fasteners to secure rear frame to wall at middle and lower mounting slots.

**IMPORTANT ! : (OPTIONAL for wood and steel stud installations)** For additional rigidity in the installation, use a Snap-Toggle (AC), 1/4-20 x 1-3/4" Phillips screw (AD) and 1/4" washer (AE) at each corner of the rear frame if not attached to the studs at those points. (See Figure 10)

**IMPORTANT ! :** Refer to **Fastener Installation Methods** (located in **Appendix** at end of Installation Instructions) for details on installing snap toggles and related fasteners into various wall types.

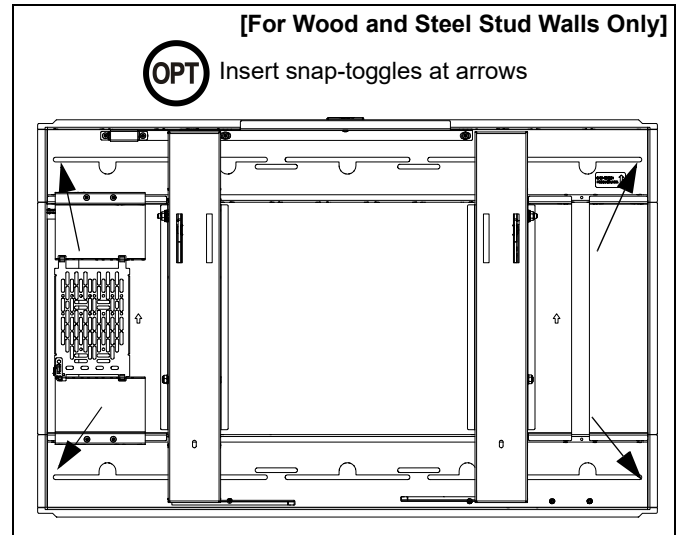


Figure 10

**Attaching Flat Panel**

1. Remove and **SAVE** eight flathead Phillips screws and four hold down brackets. (See Figure 8)
2. Remove and **SAVE** four Phillips screws, loosen four thumb nuts and remove carrier frame from outer cover. (See Figure 11)

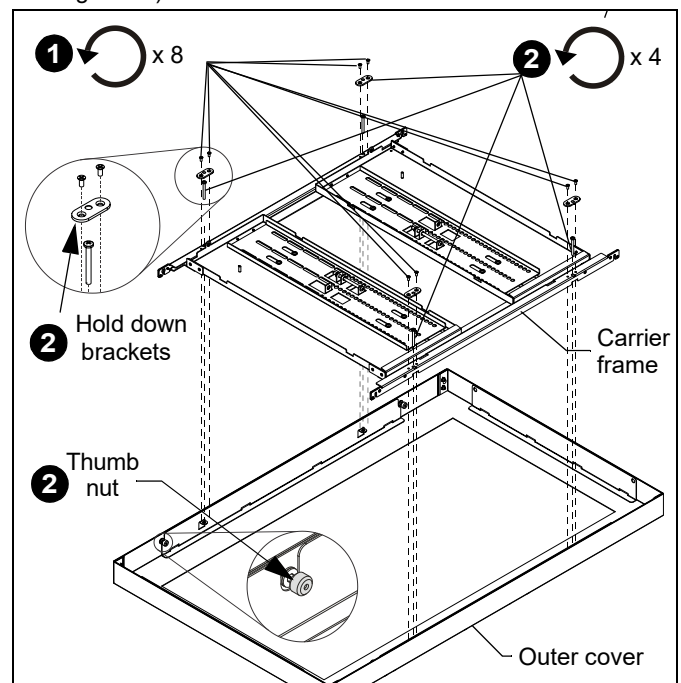
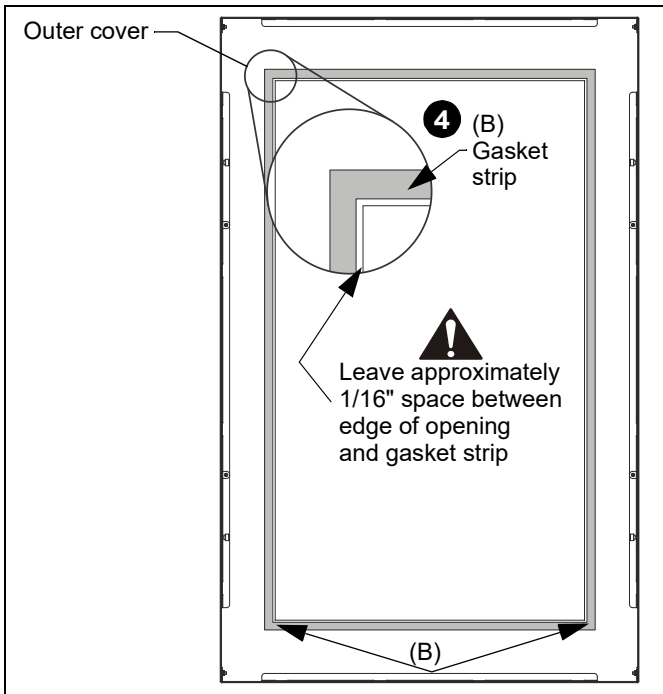


Figure 11

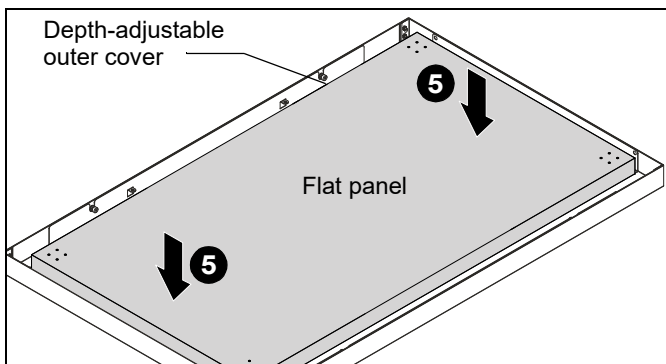
3. Clean the inside edge of the outer cover (approximately one inch depth around entire opening) with an alcohol wipe or something similar, and let dry. (See Figure 12)
4. Install gasket strip (B) around inside edge of outer cover opening. (See Figure 12)

**NOTE:** Do not install gasket strip right up to edge. The gasket strip should be placed approximately 1/16" away from opening.



**Figure 12**

5. Carefully lay flat panel face down into the depth-adjustable outer cover. (See Figure 13)



**Figure 13**

6. Center flat panel on opening within outer frame in both vertical and horizontal directions.

**NOTE:** Measuring from inside edges to display edges assists in centering the display within opening.

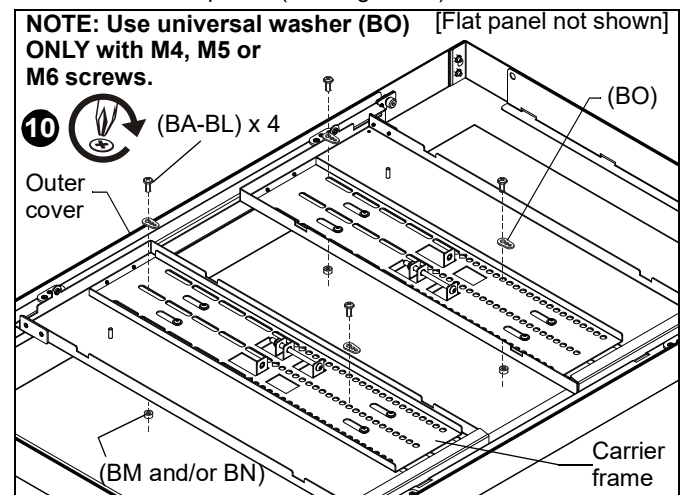
**WARNING:** IMPROPER INSTALLATION CAN LEAD TO DISPLAY FALLING CAUSING SERIOUS PERSONAL

**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.

7. Select screw *diameter* by examining hardware (BA-BL) and comparing with mounting holes on flat panel.
8. Select spacers:
  - Spacers are **NOT** required if mounting holes are not recessed and carrier frame can lay flat against flat panel.
  - Spacers (BM, BN) **ARE** required if mounting holes are recessed, or if protrusions prevent carrier frame from laying flat.
  - Spacers may also be used between the carrier frame and flat panel to create more space for AV components, or to accommodate thinner flat panels. (See **Depth Adjustment** section for further information.)
9. Select screw *length*:
  - By hand, insert **SHORTEST** length screw of selected diameter (BA, BD, BG, or BJ) through universal washer (BO--if required), carrier frame, spacer (BM, BN--if required), into flat panel mounting hole. Do **NOT** thread screw into hole at this time.

**IMPORTANT ! :** The M8 screws do **NOT** require a washer. Use the universal washer (BO) **ONLY** with the M4, M5 or M6 screws.

- Proper screw length requires base of screw head to protrude above flat washer a *distance equal to or greater than the screw diameter*. If screw length is inadequate, select longer screw. Select *shortest* screw which will protrude the required distance.
10. Place carrier frame onto back of flat panel and match the VESA pattern on flat panel to the carrier frame mounting slots. Also match the threaded studs in outer frame to the hooks on the carrier frame. (See Figure 14)
  11. Use selected screws (BA-BL), washers (BO--if required), and spacers (BM, BN--if required), to connect carrier frame to back of flat panel. (See Figure 14)



**Figure 14**

**NOTE:** The outer cover depth may be adjusted between 3" - 5" to make room for a variety of different flat panel thicknesses. (See Figure 15)

- This outer cover adjustable depth can also be used to make more space between the back of the flat panel and wall for AV component storage.
- The 4 Phillips screws removed in Step 1 can be replaced with four 10-24 x 3-1/2" Phillips screws (CC) for larger depth adjustments.

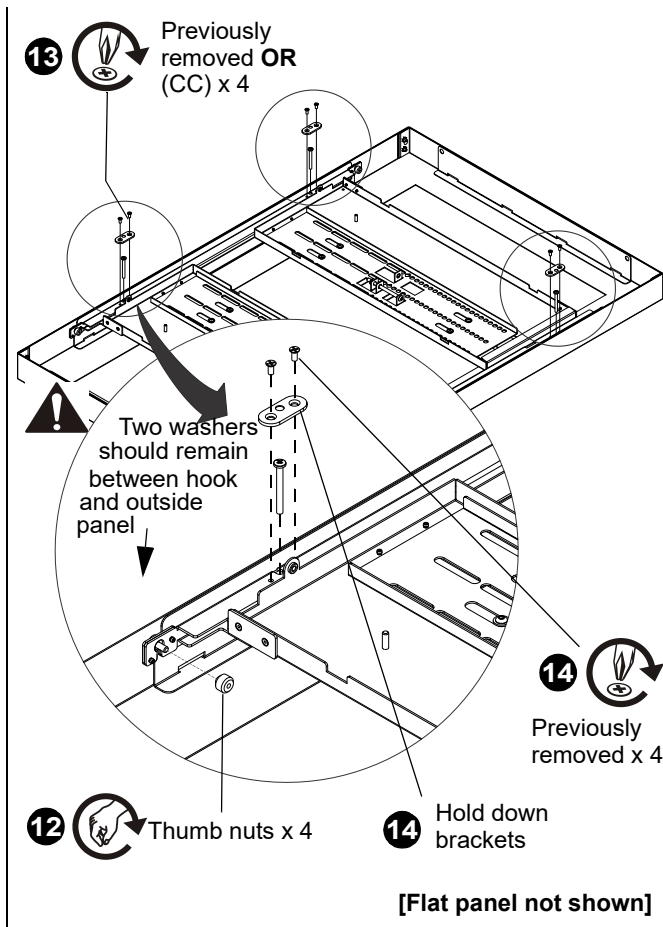


Figure 15

12. Tighten thumb nuts over threaded studs in four locations on the hinged frame. (See Figure 15)
13. Replace and fasten four Phillips screws which were removed in Step 1, OR replace the removed screws with four 10-24 x 3-1/2" Phillips head screws (CC) to allow for a larger depth adjustment of the outer frame. (See Figure 15)
14. Use four flathead Phillips screws removed in Step 2 to reinstall two hold down brackets. (See Figure 12)
15. Extend lower braces (on scissors assembly) so that they prop against the bottom edge of the rear frame. (See Figure 13)

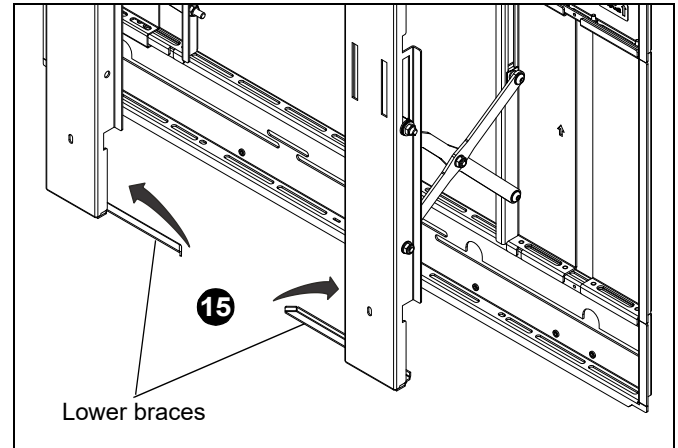


Figure 16

16. Carefully lift (using two people) the outer cover/carrier frame with attached flat panel.
17. Hang outer cover/carrier frame over scissors assembly on rear frame, ensuring that studs on carrier frame line up with holes on scissors assembly. (See Figure 17)
18. Fasten thumb nuts (CD) over studs to connect. (See Figure 17)

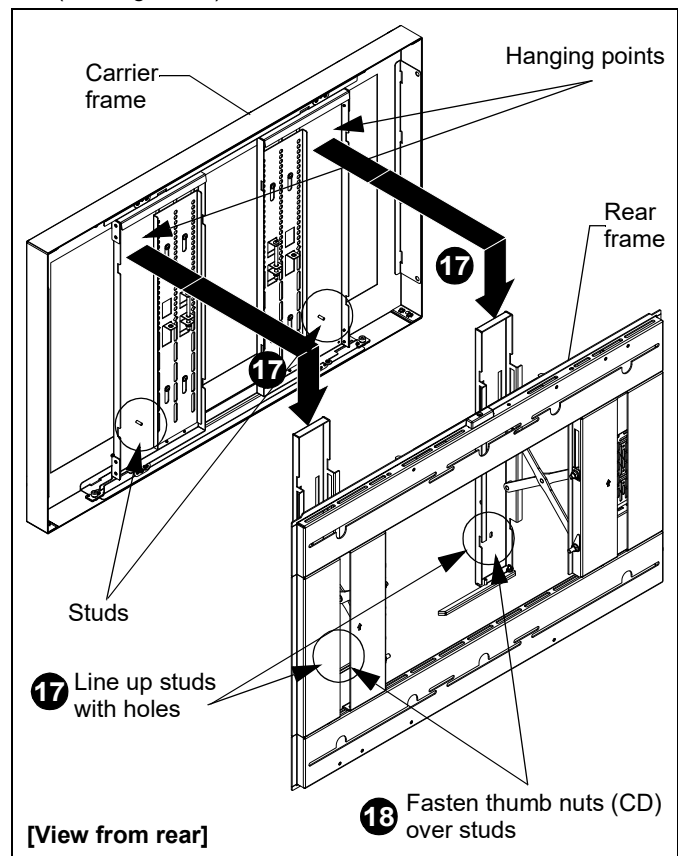


Figure 17

19. Push in outer cover until latched into rear frame.
20. Add one 10-24 x 3/8" button head security screw (CB) in hole on top, AND two security screws in two holes on bottom to lock door. (See Figure 18)

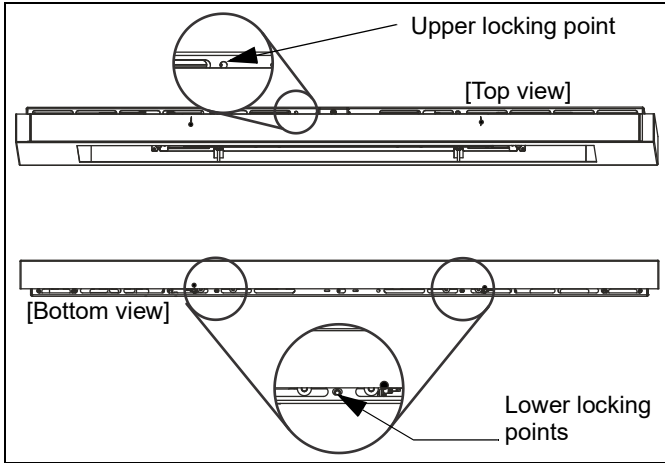


Figure 18

**Cabling**

1. Cables may be placed in the rear frame areas **outside** of the scissors assembly (gray areas). (See Figure 19)
- IMPORTANT !** : Do NOT place cables where they may move between the scissors assembly. Damage to cables may occur. (See Figure 19)

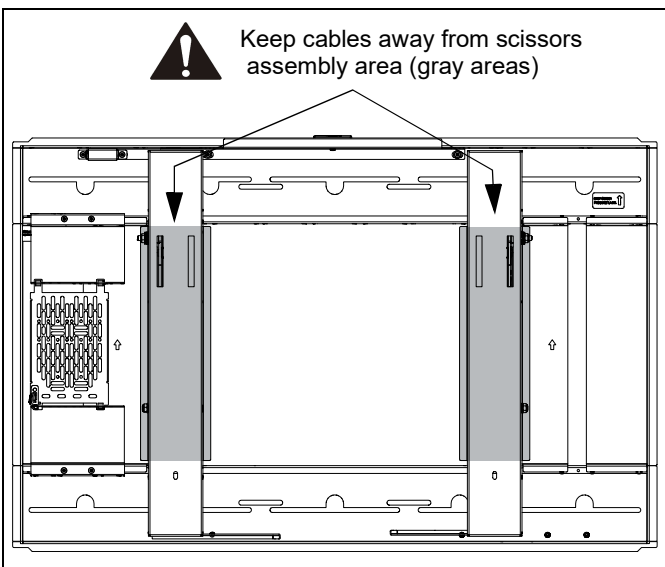


Figure 19

**APPENDIX**

**Fastener Installation Methods**

**IMPORTANT !** : See Table 1 for appropriate hardware and pilot hole sizes for various wall types.

**Wood Stud**

1. Use one 5/16" x 2-1/2" hex flange head lag bolt (AA) and one 5/16" washer (AB) through product and into pilot hole. (See Figure 20)
2. Repeat for remaining pilot holes.

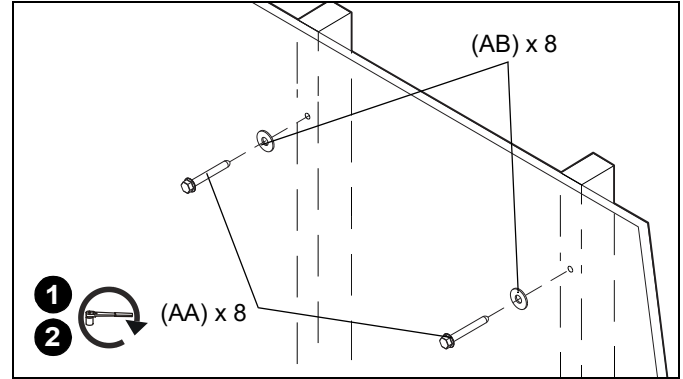


Figure 20

**Concrete**

1. Install one UX10x60R anchor (AF) into each pilot hole using a hammer, making sure that the anchor is flush with the wall. (See Figure 21)
2. Use one 5/16" x 2-1/2" hex flange head lag bolt (AA) and one 5/16" washer (AB) through product into each anchor in wall. (See Figure 21)
3. Repeat for remaining pilot holes.

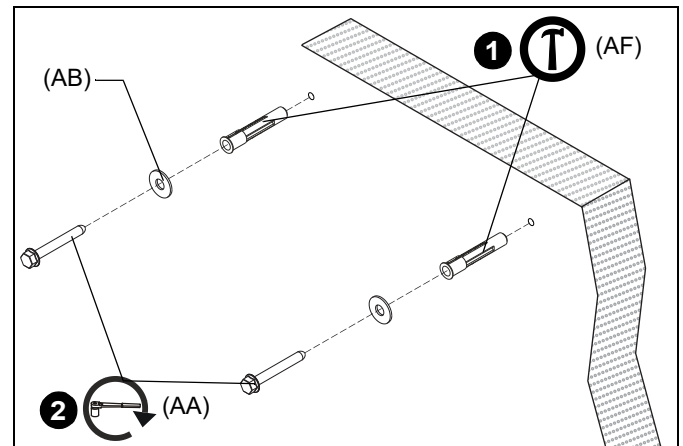
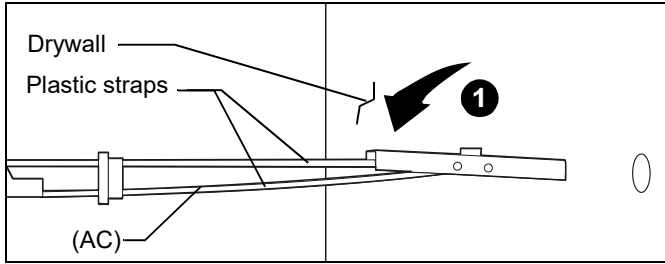


Figure 21

**Steel Stud**

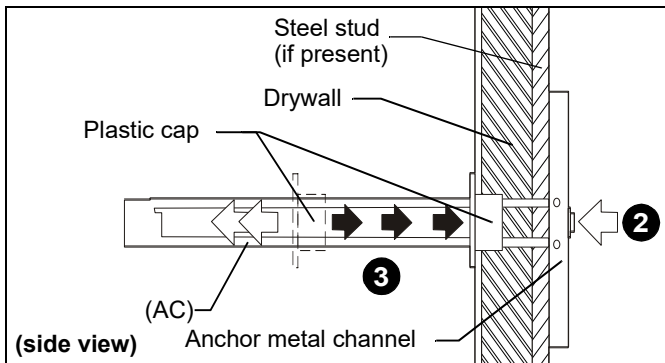
**IMPORTANT !** : See **Site Requirements for Wood or Steel Stud** section before proceeding with Steel Studs installation to ensure installation site meets requirements! The drywall must have a minimum thickness of 5/8"!

1. Hold metal channel on anchor (AC) flat alongside plastic straps and slide channel through hole. (See Figure 22)



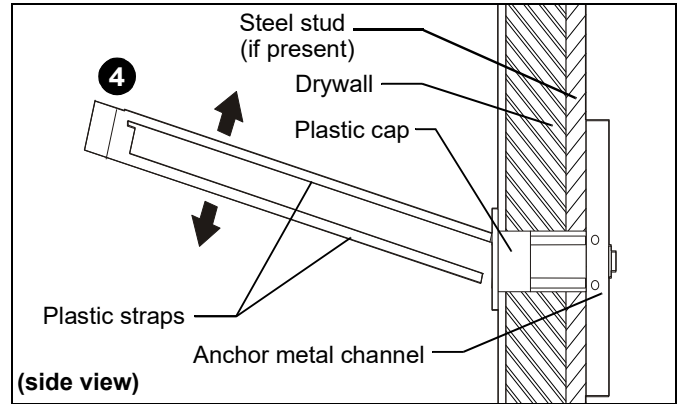
**Figure 22**

2. Holding plastic straps on anchor (AC), pull anchor away from wall until channel rests flush behind wall making sure anchor channel is positioned vertically on drywall, or steel stud (if present). (See Figure 23)
3. Slide plastic cap on anchor (AC) towards wall until flange of cap is flush with wall. (See Figure 23)



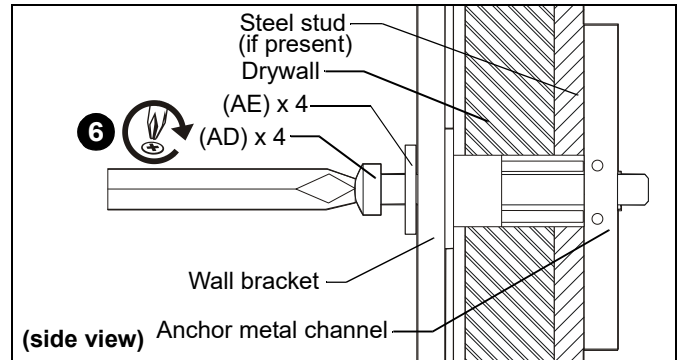
**Figure 23**

4. Snap off plastic straps on anchor at wall by pushing side to side, snapping off straps level with flange of plastic cap. (See Figure 24)



**Figure 24**

5. Line up anchor with attachment point.
6. Insert 1/4-20 x 1-3/4" Phillips pan head screw (AD) through 1/4" washer (AE), corresponding mounting hole in wall bracket and into anchor (AC), and tighten until flush against wall bracket. DO NOT over tighten! (See Figure 25)



**Figure 25**

**Site Requirements for Wood or Steel Studs**

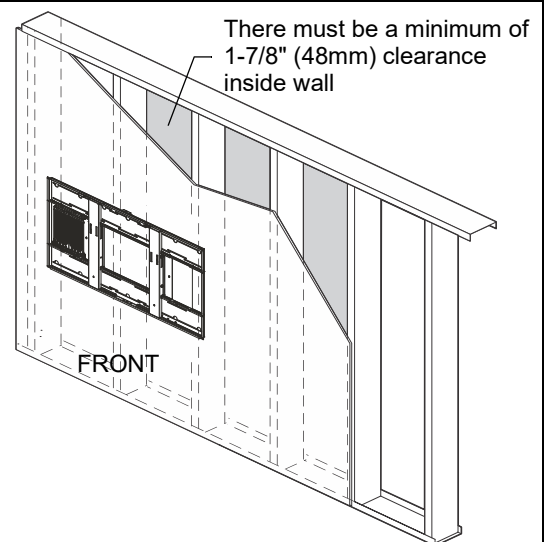
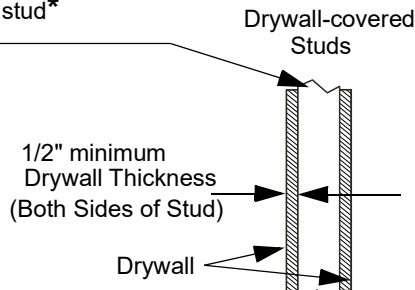


**Steel Studs ONLY**

If back side of wall is unfinished, drywall must be installed to a minimum of one stud left and right of the stud(s) being used to install the mount. Drywall must be secured to studs with screws a maximum of 12" (305mm) apart down center of stud.

\*Steel stud type and structural strength must conform to the North American Specification for the Design of Cold-Formed Steel Structural Members [362 S 125 18, C-Shaped, S-stud Section]

Wood stud (2 x 4) or Steel stud\*  
(2 x 4 / 25ga minimum)



**Figure 26**



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01/2022

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