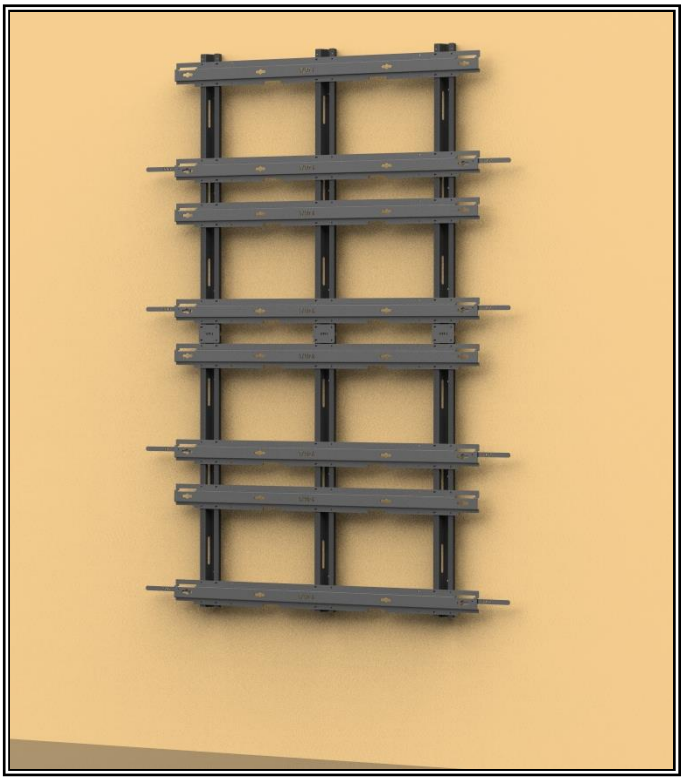
HoverTrack™

VWD-2X4-UE46A

2 Wide x 4 Deep Video Wall Display Installation Guide

This display kit mounts the Samsung UE46A LCD monitors in a 4 wide by 2 deep landscape configurations. The frame attaches to a wall and receives the LCD monitors by way of four machined fittings (per monitor) that thread into the monitor's VESA holes. These fittings then insert into the frame's channels. The monitor's fittings secure to the frame with locking arms that provide an easy way to remove the monitors for service.



Important: Installing video displays is a serious endeavor that requires experienced professionals. ***Improperly prepared walls and other structures as well as the equipment being installed can result in property damage, injury, death and/or liability to the installing contractor.*** Do not proceed if any part of the installation is in doubt.

Caution: Due to the wide variety of structures, environments, materials and installation methods, the installing contractor must exercise good judgment in selecting the proper mounting area. The mounting structure must be capable of supporting at least 5 times the load of the installed equipment. Consult local building codes for further guidance.

For a flat mounting surface and adequate support , ALWAYS install a ¾" backing plywood.

Follow these instructions for the most efficient and safest mounting results.

Package Contents:

1 pc	Frame Assembly w/ locking arms
32 pcs	M8 Adjustable VESA button (black)
18 pcs	Adjustable Lag bolts, 5/16"x1.5" long
18 pcs	Hex nuts, 5/16"
18 pcs	Flat washer, 5/16
1 pc	Installation guide sheet

Notes:

Hardware to mount frames to wall is included.

Step 1: Mount Video Frame to Wall

Scribe a horizontal line on the wall showing the exact location of where the top edge corner of the upper left monitor will be. Measure down 6.2" (157.5mm) from that line and scribe another horizontal line showing where the horizontal location of the first adjustable lag bolt will be **(Figure 1).**

Scribe a vertical line showing where the top left side of the upper monitor will be. Measure to the right 15.9" (403.9mm) and scribe another vertical line showing where the vertical location of the first adjustable lag bolts **(Figure 1).** Mark the intersection of the vertical and horizontal lines.

Measure 49.3" (1252.2mm) to the right for the location of the second adjustable lag bolt. Use a long level to make sure the second location is horizontally aligned and leveled to the first lag bolt location **(Figure 1).** Mark the second lag bolt location.

Pre-drill the marked lag bolt locations using a 3/16" or 5mm drill bit. Install the first and second adjustable lag bolts to the pre-drilled holes until the hex part of the bolt is flush to the wall. A deep socket wrench maybe required.

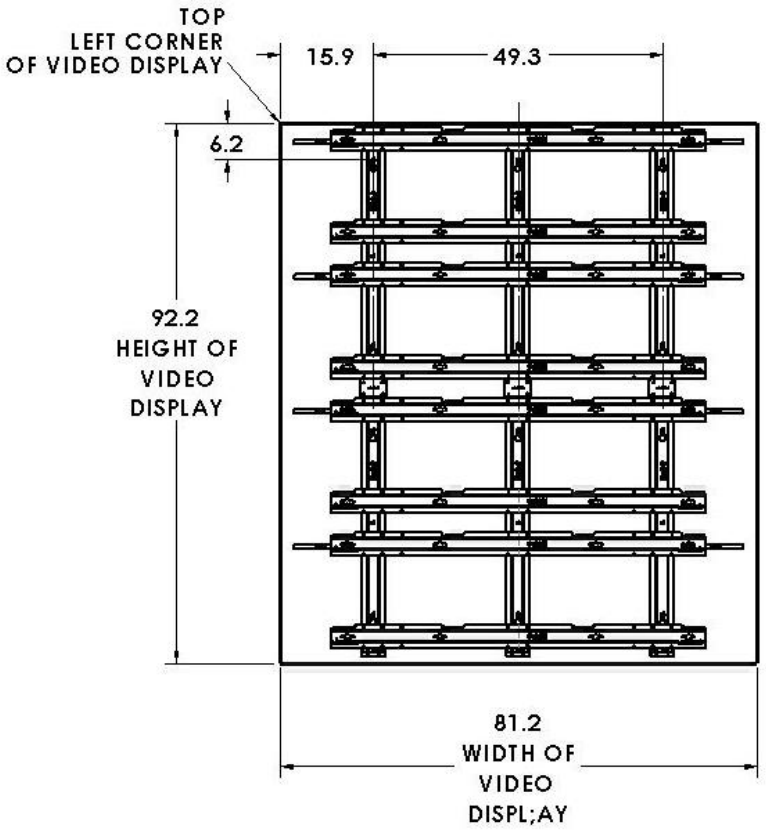


Figure 1

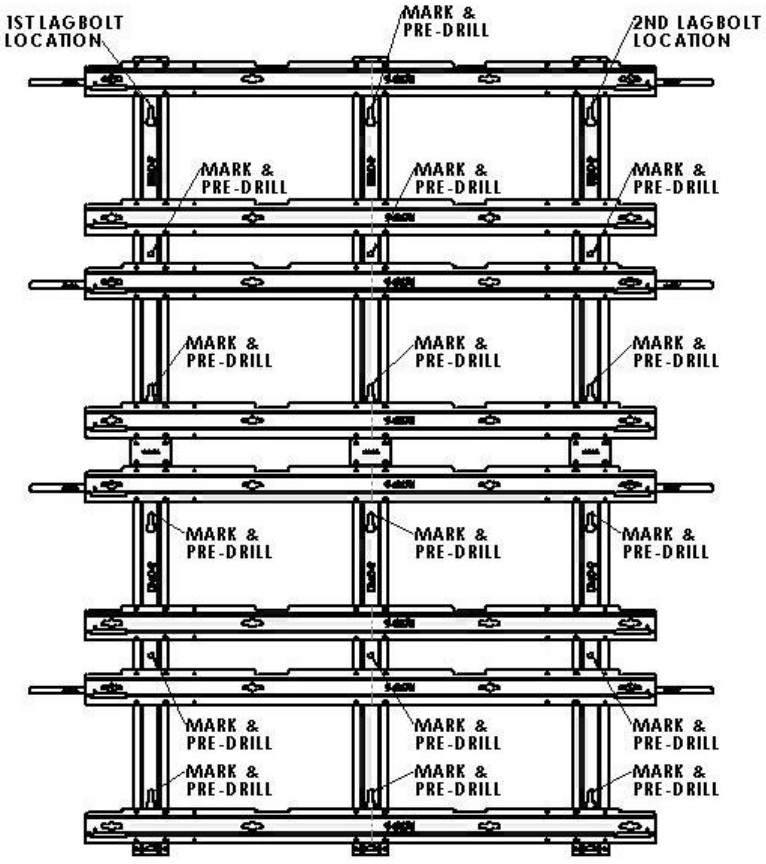


Figure 2

Step 2:

Hang the frame from the top keyholes to the adjustable lag bolts (Two people minimum required). Install the provided hex nut and flat washer over the adjustable lag bolts, level frame then tighten the hex nuts.

Use the frame as a template to mark the other locations of the adjustable lag bolts (18 plcs). Use three (3) per V-channel, two keyholes and the center hole **(Figure 2).**

Loosen and remove the hex nut and flat washer securing the frame to the wall then place the frame back on the floor. Pre-drill marked holes using the 3/16" or 5mm drill bit then install the other adjustable lag bolts until the hex part of the bolt is flush to the wall **(Figure 2).**

Hang the upper frame back onto the adjustable lag bolts mounted on the wall. Install hex nut and flat washer then snugly tighten hex nuts. **DO NOT TIGTHEN** permanently until the entire video frame is installed and adjusted **(Figure 3).**

Step 3:

Use a long level to plumb the frame by rotating the adjustable lag bolts on the V-channels using the provided adjustment wrench starting from one side of the frame.

Rotate counter clockwise to pull the frame forward and clockwise to push the frame back towards the wall **(Figure 4).** Use a long level, a straight edge or a piece of string secured on each side of the frame to make the horizontal H-slats straight by adjusting the adjustable lag bolts closest to the H-slat. Once the frame is plumbed and leveled, tighten all hex nuts permanently.

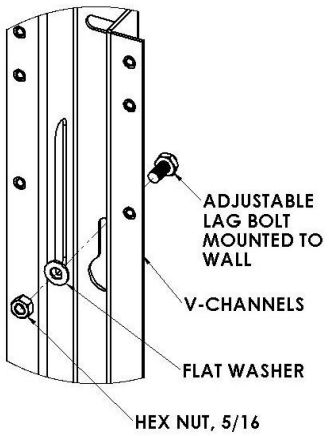


Figure 3

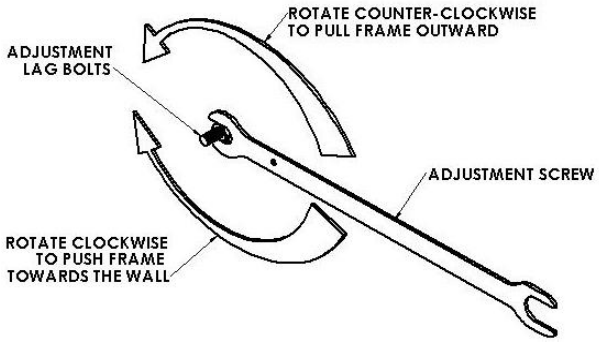


Figure 4

Step 4: Install Adjustable VESA buttons to monitors
Thread the M8 adjustable VESA buttons to the VESA mounting holes in the back of each monitor using a Phillips head screw driver **(Figure 5).**

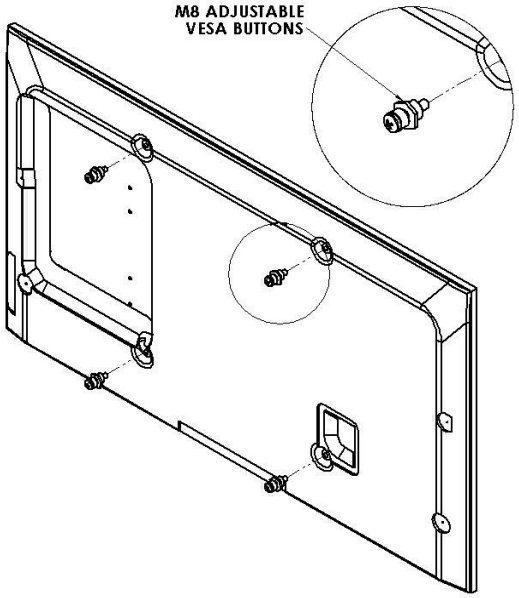


Figure 5

Step 5: Install Monitors to the Left Column
Lift up the locking arms on the left side of the frame. Starting with the upper left monitor, connect power and signal wires to each monitor then align its four M8 Adjustable VESA buttons with the four large slots in the H-slats then slide the monitor from left to right until it stops. Pull down the locking arm to lock monitor into place **(Figure 6).** Repeat step 5 for the lower monitors.

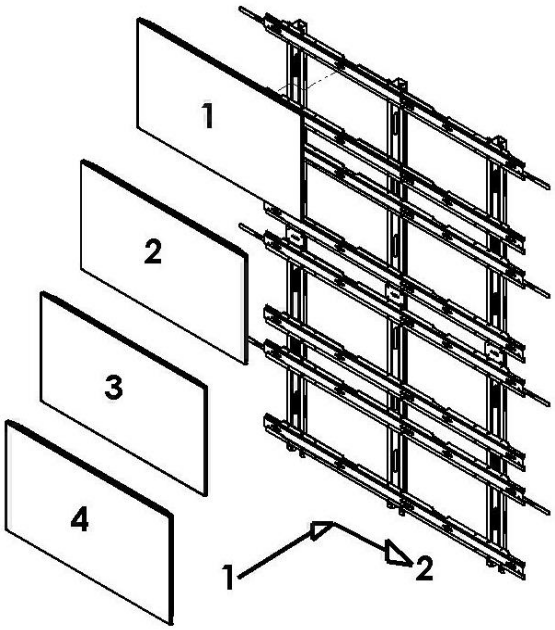


Figure 6

Step 6: Note on alignment:
While installing monitors, check for front and side alignment of the monitors. The surfaces of all monitors must be aligned and flush to each other. If one or more screens are tilted more than others use the adjustment wrench to reach the hex portion of the M8 adjustable VESA buttons at the rear of the monitor then rotate counter clockwise to pull the front of the monitor forward or clockwise to push it back towards the wall. If access to the rear is not accessible remove the screen(s) and depending whether the monitor needs to be tilted forward or backward rotate the buttons using the adjustment wrench, a phillips head screw driver or fingers **(Figure 7).** Reinstall and recheck surface alignments. Repeat where necessary.

Step 7: Install Monitors to the right Column

Starting with the top monitor, connect the power and signal wires to each monitor then align its four M8 adjustable VESA buttons with the four large slots in the H-slats. Slide the monitor from right to left until it is snug against the left column monitor **(Figure 8).** Repeat step 7 for the lower monitor. Check for front and side alignments-refer to Step 6.

Servicing Tips

Left Column Monitor Removal

Reach fingers between the left side wall and the monitor and lift the locking arm to unlock. Slide monitor to the LEFT about 1.00" (25.4mm) until its VESA buttons disengage from the frame, lift a little to support the weight of the monitor then slowly pull to remove **(Figure 9).**

Right Column Monitor Removal

Reach fingers between the wall and the monitor and lift the locking arm to unlock. Slide the monitor to the RIGHT until its VESA buttons disengage from the frame, lift a little to support the weight of the monitor then slowly pull to remove **(Figure 9).**

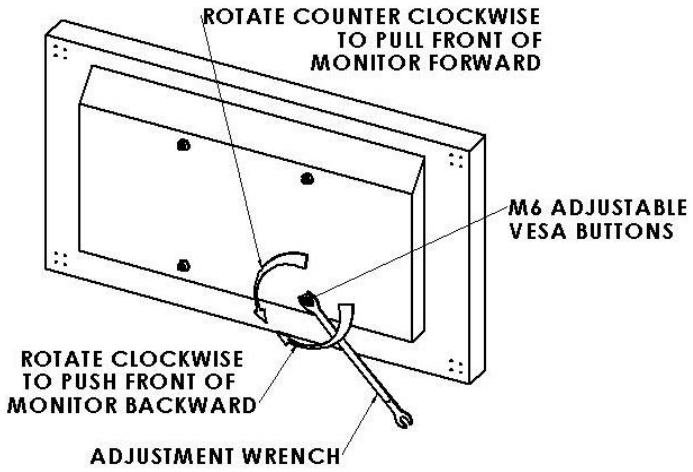


Figure 7

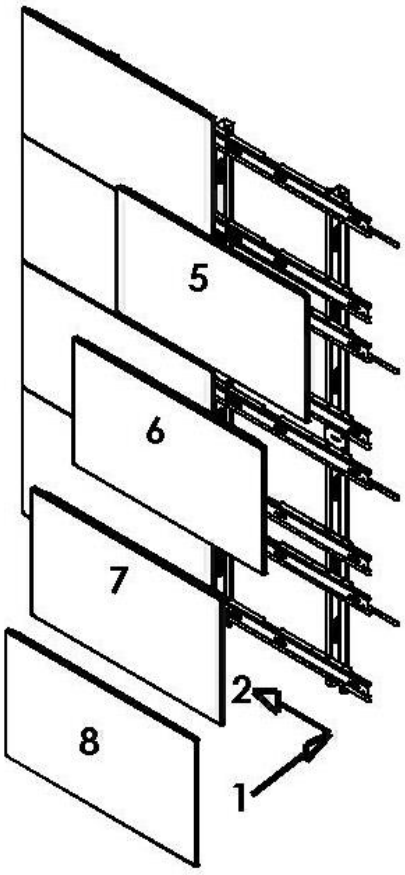


Figure 8

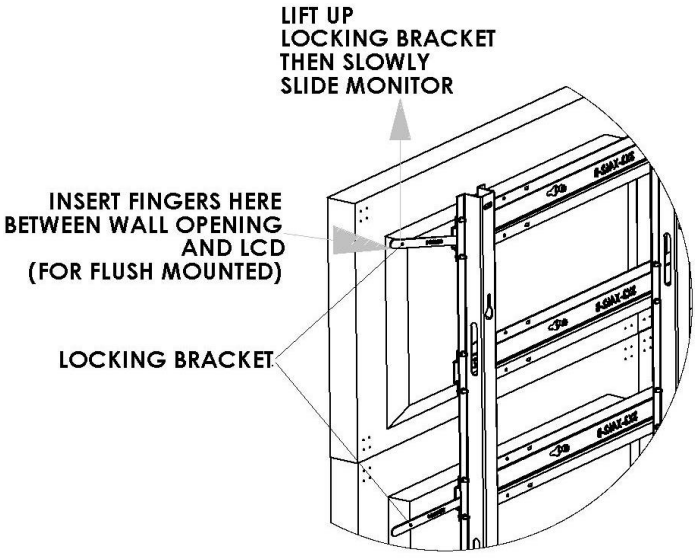


Figure 9

HoverTrack™

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Assembly Installation Guide

Important: Assembling video displays is a serious endeavor that requires experienced professionals. ***Improperly assembled equipment can result in property damage, injury and/or liability to the installing contractor.*** Do not attempt to install this equipment if any part of the assembly is in doubt.

Follow these instructions for the most efficient and safest assemble results.

Do not attempt to install this product if any of the parts listed below are missing. If parts are missing, contact sales@adapttechgroup.com;

Package Contents:

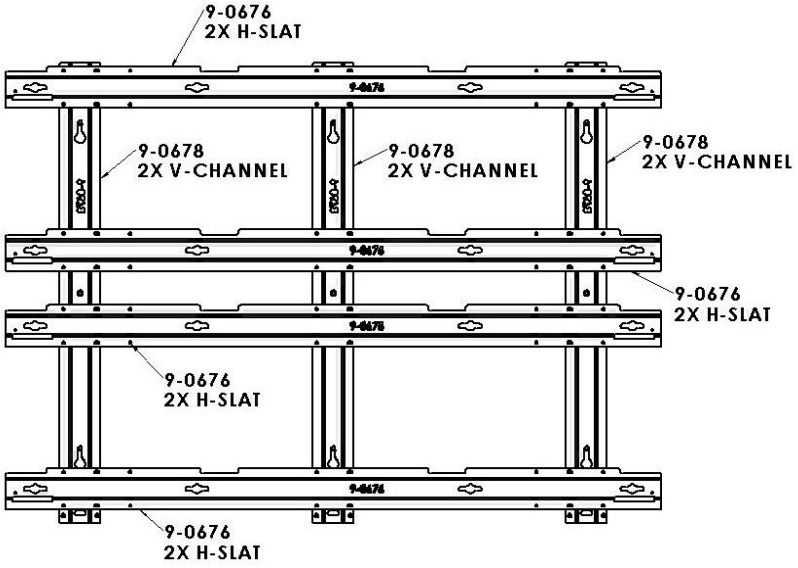
8 pcs	9-0676 2X H-Slat
3 pcs	9-0678 2X V-Channel Assy.
3 pcs	9-0640 2x lower v-channel assy.
8 pcs	9-0696 Lock Arm Bracket w/ hrdwr
3 pcs	9-0644 vertical Joiner plate
32 pcs	M8 adjustable VESA buttons (long shaft)
1 pc	Adjustment wrench
18 pcs	Adjustable Wood screw Hanger stud
108 pcs	Flat head phil. Screw, M6x20mm long

Step 1: Assemble Upper Frame

Place all of the parts in figure 1 on the floor. Start with three 9-0678 2X V-channels with their open side facing up and with the narrow part of the key holes slots facing up in all in the same direction. Place four 9-0676 H-Slats over the 2X V-channels with the keyhole surface facing up and the four-hole patterns lining up with that of the V-channels **(Figure 1).** Rectangular slots in the ends of the H-slats should be at the outer edge of the frame. **(See figure 4).**

Step 2: Assemble Lower Frame:

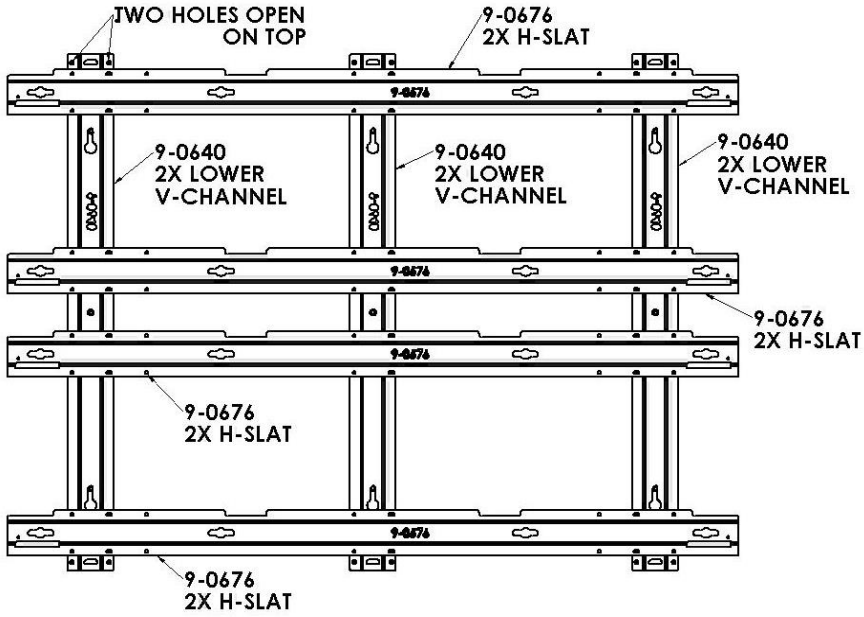
Place all of the parts in figure 2 on the floor. Start with three 9-0640 2X Lower V-channels with their open side facing up with the narrow part of the key holes slots facing up and all in the same direction. Place four 9-0676 2X H-Slats over the 4X lower V-channels with the keyhole surface facing up and the four-hole patterns lining up with that of the channels **(Figure 2).** Rectangular slots in the ends of the slats should be at the outer edge of the frame. **(See figure 4).**



Upper Frame (Figure 1)

Step 3: Install Locking Arm brackets
Assemble the 9-0696 locking arm bracket on TWO of the Upper framed 9-0676 H-slat and two on the Lower frame's 9-0676 H-slat near the rectangular slot using the provided M4 screws, nylon washer and nylock nut **(Figure 3).** The locking arm brackets must be installed on the first and third horizontal H-slats of the upper and lower frame starting from the top. Make sure the hook of the locking arm bracket faces up **(Figure 3).** Tighten screw to increase locking arm friction.

Step 4: Assemble the Upper Frame
Assemble the top upper frame by attaching the horizontal H-slats, (9-0676 to the 2X V-channels (9-0678) using the provided M6x20mm long flat head screws. Screw-in all screws half way first, do not tighten screws until all screws are installed. Check for squareness by measuring corners to corners then tighten screws *starting with the screws on the holes* then the screws on the slots of the H-slats **(Figure 5).**



Lower Frame (Figure 2)

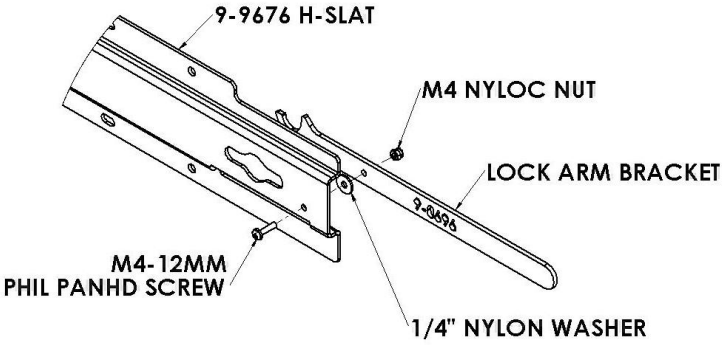


Figure 3

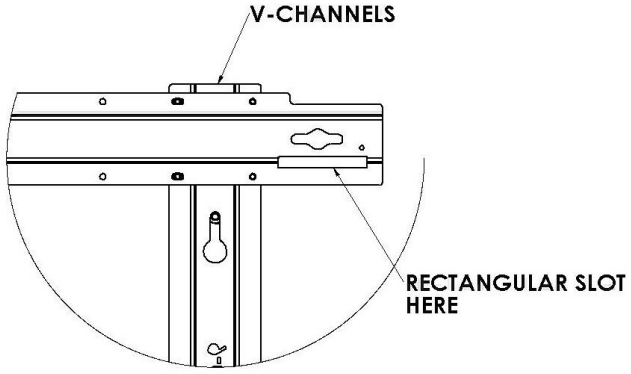


Figure 4

Step 5: Assemble the Lower Frame
Assemble the top lower frame by attaching the horizontal H-slats, (9-0676 to the 2X lower V-channels (9-0640) using the provided M6x20mm long flat head screws. Screw-in all screws half way first, do not tighten screws until all screws are installed. Check for squareness by measuring corners to corners then tighten screws *starting with the screws on the holes* then the screws on the slots of the H-slats **(Figure 6).**

Step 6:
Join the upper frame and the lower frame together using the 9-0644 vertical joiner plate **(Figure 7 and main illustration).** Tighten screws permanently.

Step 7:
For wall installation, refer to product installation guide.

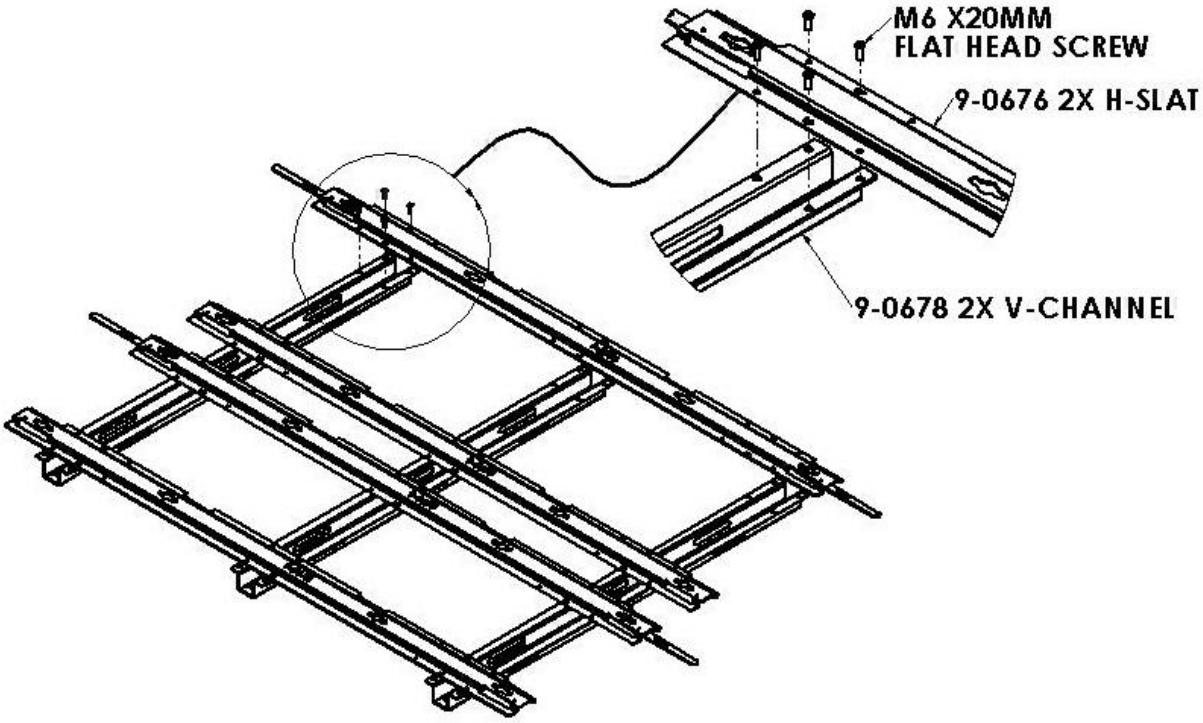


Figure 5

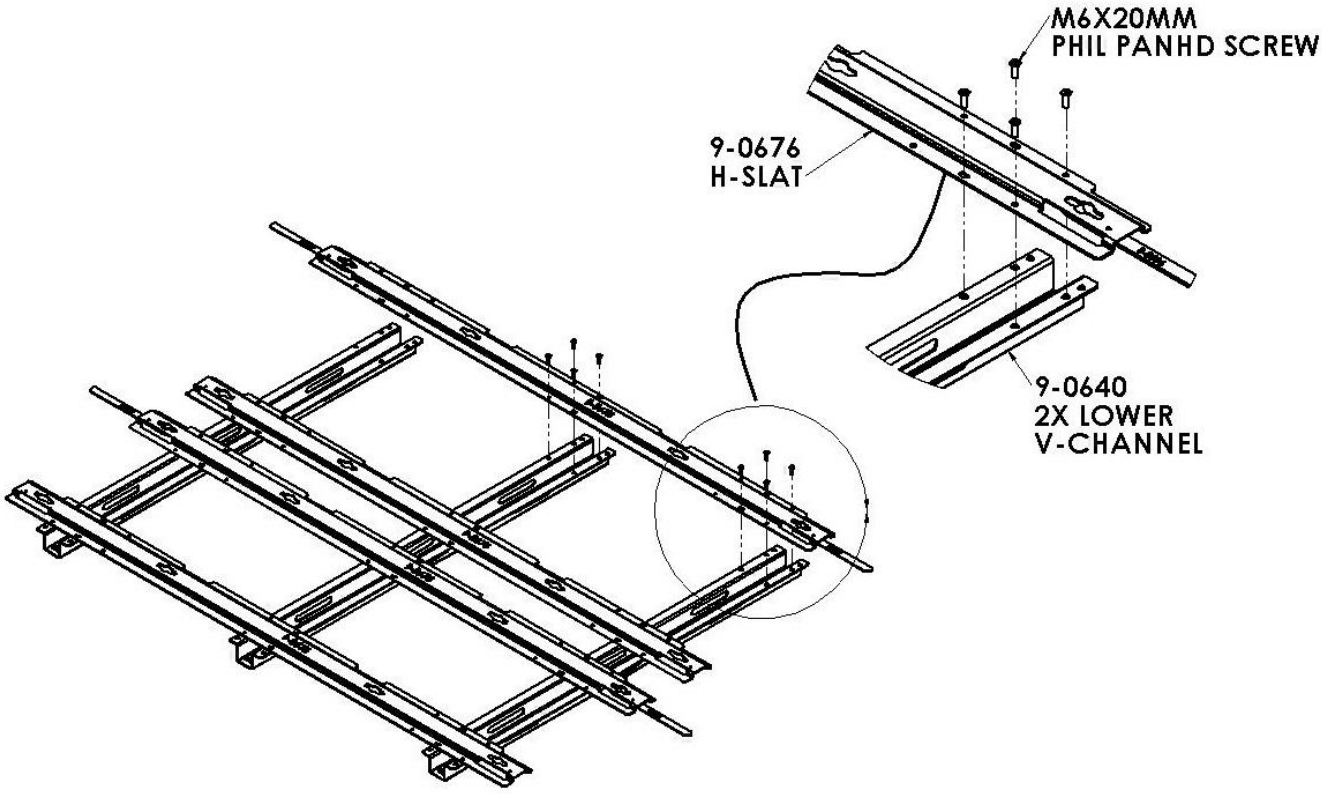


Figure 6

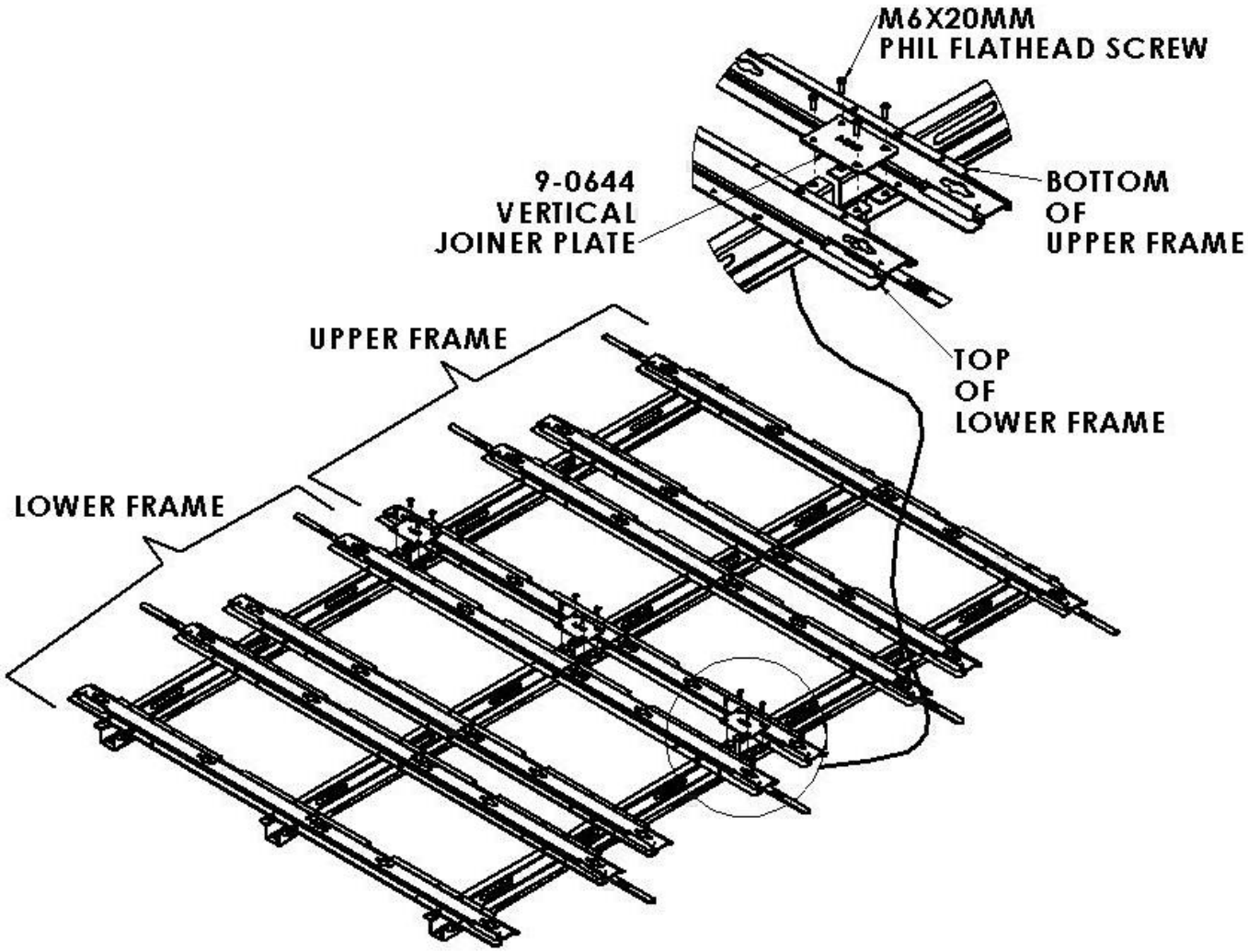

M6X20MM
PHIL FLATHEAD SCREW
9-0644
VERTICAL
JOINER PLATE
BOTTOM
OF
UPPER FRAME
UPPER FRAME
TOP
OF
LOWER FRAME
LOWER FRAME

Figure 7