



www.volairsim.com

Triple Display Stand (V2) Assembly Instructions

P/N: VS-MS-V2

Revision 1.1
2022-07-25



Thank you for your purchase of the Volair Sim™ Triple Display Stand – V2! We hope that it will give you countless hours of enjoyment. We have designed the stand with maximum ease of assembly but please read these instructions carefully first.

DISPLAY SIZE SUPPORTED	32"- 50" DIAGONAL
VESA MOUNTING PATTERNS SUPPORTED (W X H)	VESA 100 x 100 VESA 200 x 100 VESA 200 x 200 VESA 300 x 200 VESA 300 x 300 VESA 400 x 200 VESA 400 x 300 VESA 400 x 400

VOLAIR SIM TRIPLE DISPLAY STAND SPECIFICATIONS

Your Volair Sim triple display stand is shipped in one box (67 lbs) 34"x21"x8". We recommend that you find an open space to carefully unpack and inventory everything before beginning the assembly process. Please refer to **TABLE 1** and **TABLE 2** to verify that you have all of your mounting hardware. Take care to protect flooring from damage as some parts are heavy.

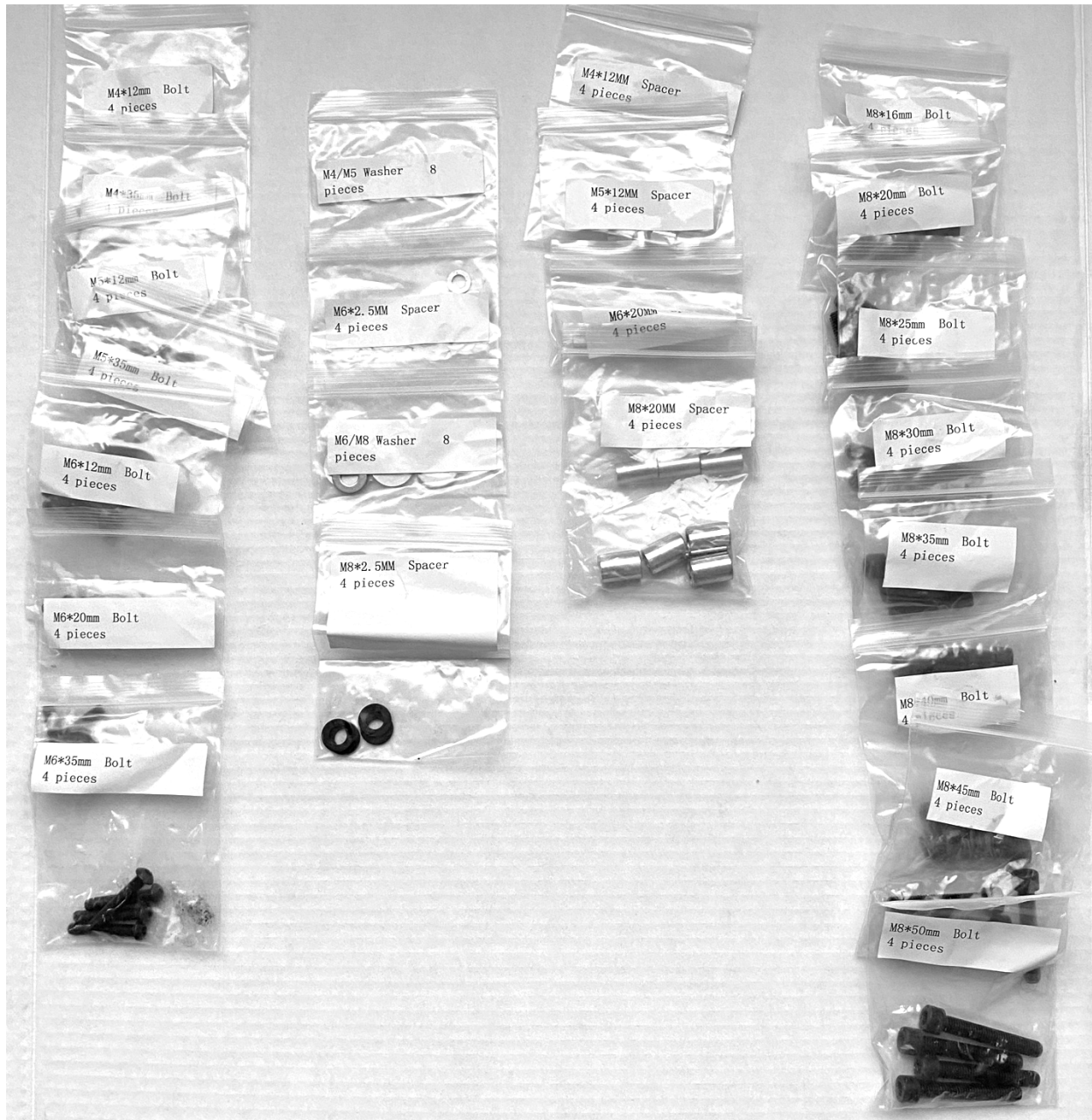
Use the toolkit provided: Hex Keys (x2), universal wrench, or an M8 (#6) hex (Allen) key wrench and 14mm socket to complete the assembly.

NOTE: Small scratches are not subject to warranty policy. One can easily touch up small scratches using a Sharpie® marker or black touch-up paint available at any automotive store.

NOTE: SOME PARTS AND FASTENERS MAY BE PRE-INSTALLED

No.	DESCRIPTION	QTY	PHOTO
1	Thumb Machine Screw M8x20mm	14	
2	Thumb Machine Screw M6x40mm	12	
3	M8x20 Hex bolt	8	
4	M8x35mm hex bolt	2	
5	M8x55mm hex bolt	4	
6	M8x60mm hex bolt	4	
7	M8 nylon nut	18	

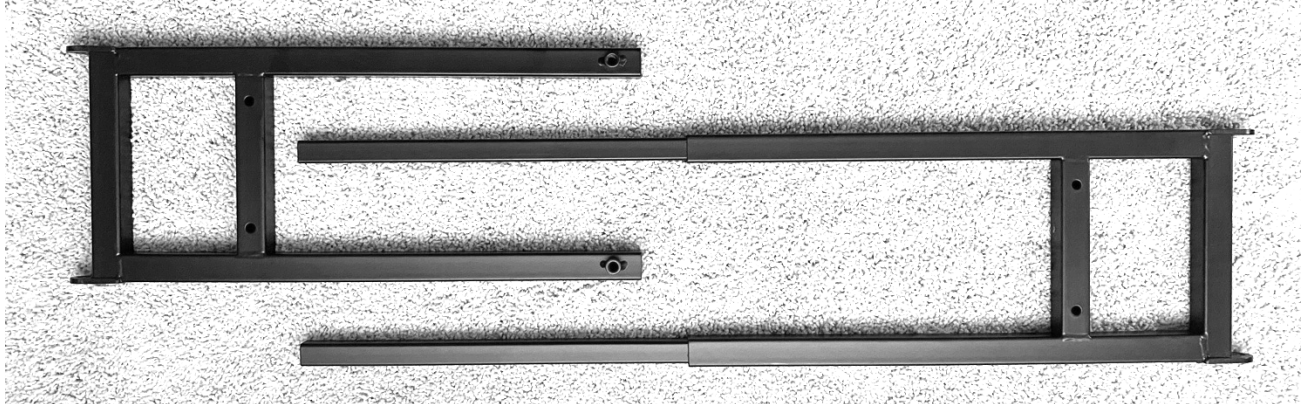
TABLE 1: HARDWARE LIST



**TABLE 2: DISPLAY MOUNTING HARDWARE KIT - 3 IDENTICAL BAGS
(CONTENTS OF ONE BAG SHOWN ABOVE)**

STEP 1

Locate the two (2) sections of the center horizontal support which slide into each other.



Attach four (4) connecting tabs to both horizontal support sections using four (4) M8x20mm Hex Bolts and four (4) M8 nylon locknuts:

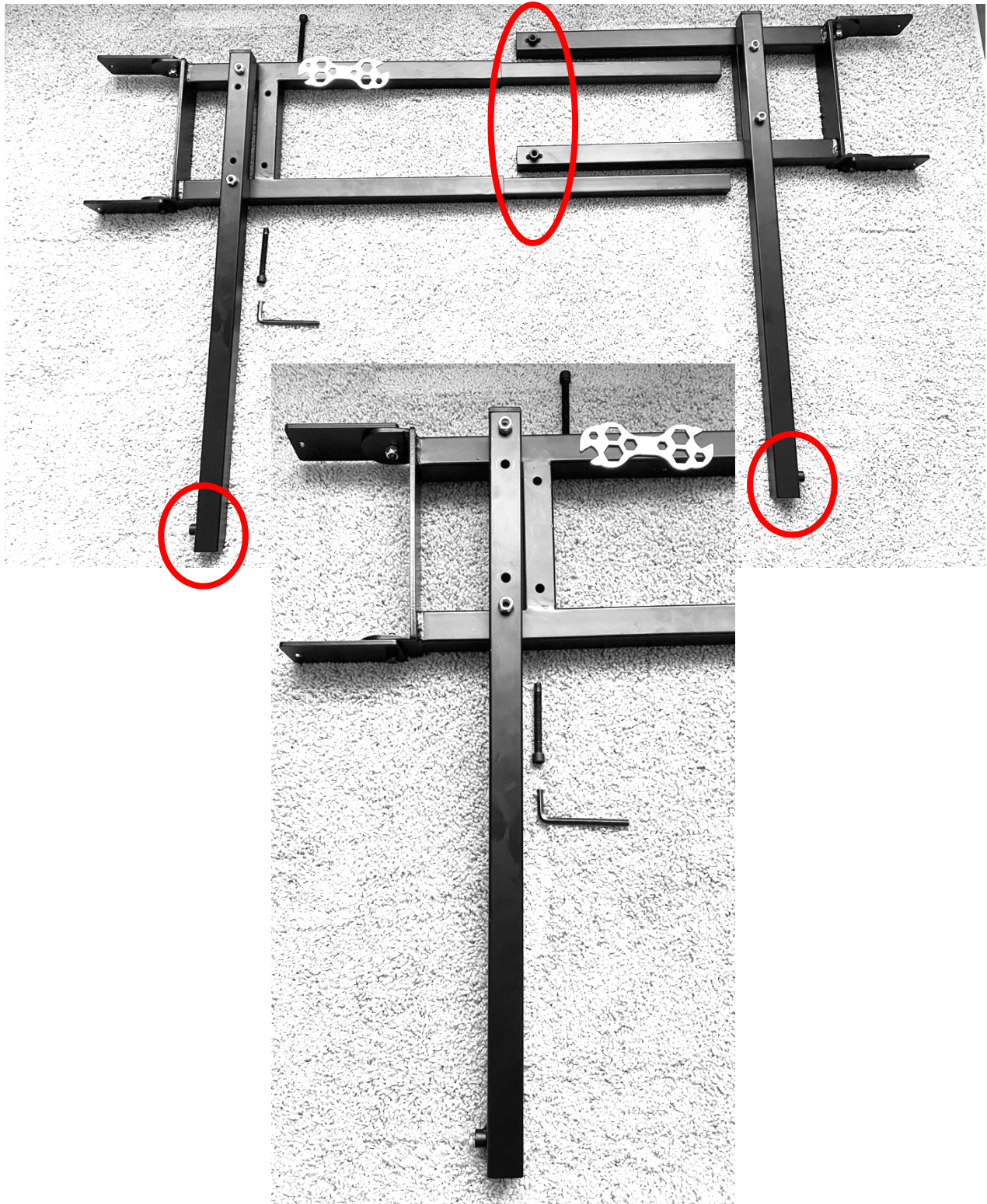


NOTE: The connecting tabs should be on the OUTSIDE of the "ears" as shown above. Do not tighten all the way at this time.

STEP 2

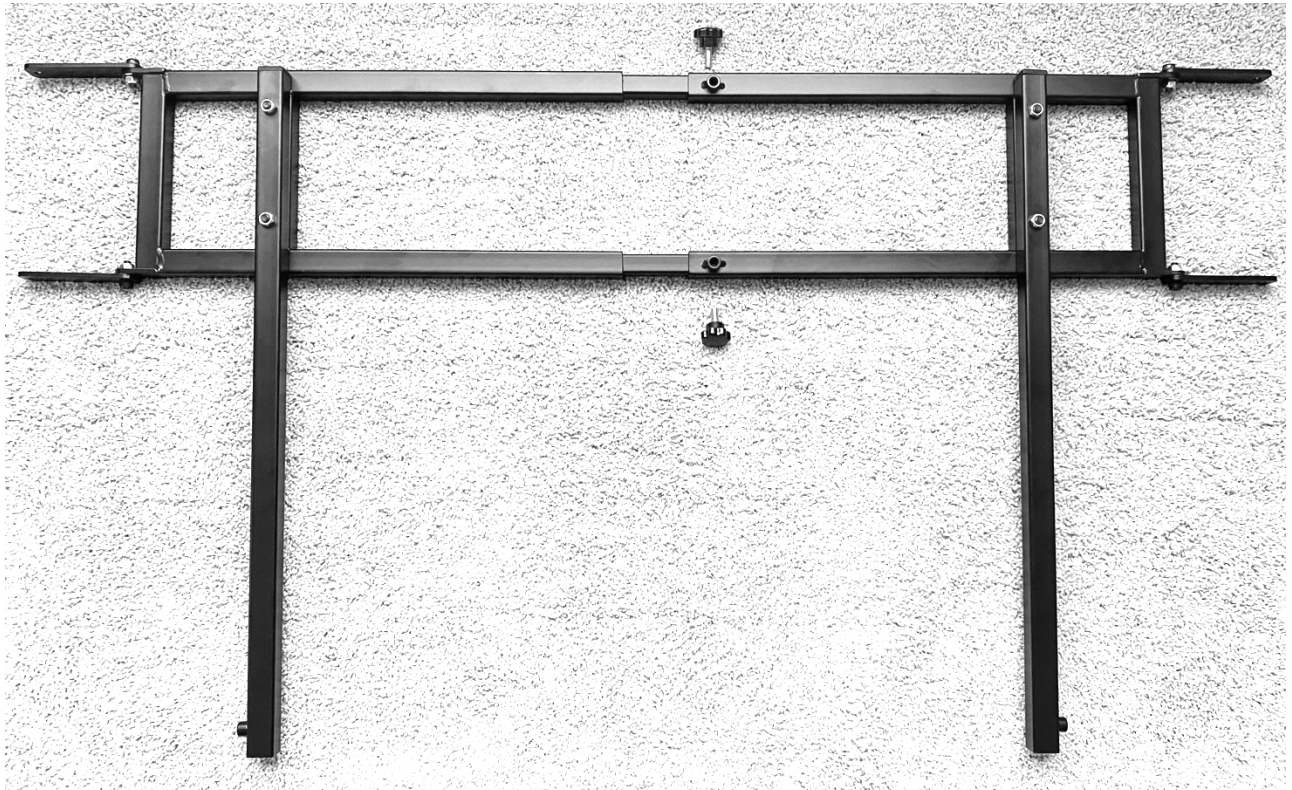
Attach two (2) center support posts to both horizontal support sections using four (4) M8x60 bolts and four (4) M8 nylon locknuts.

HINT: ensure that the orientation of the circled parts and fasteners is as shown below:



STEP 3

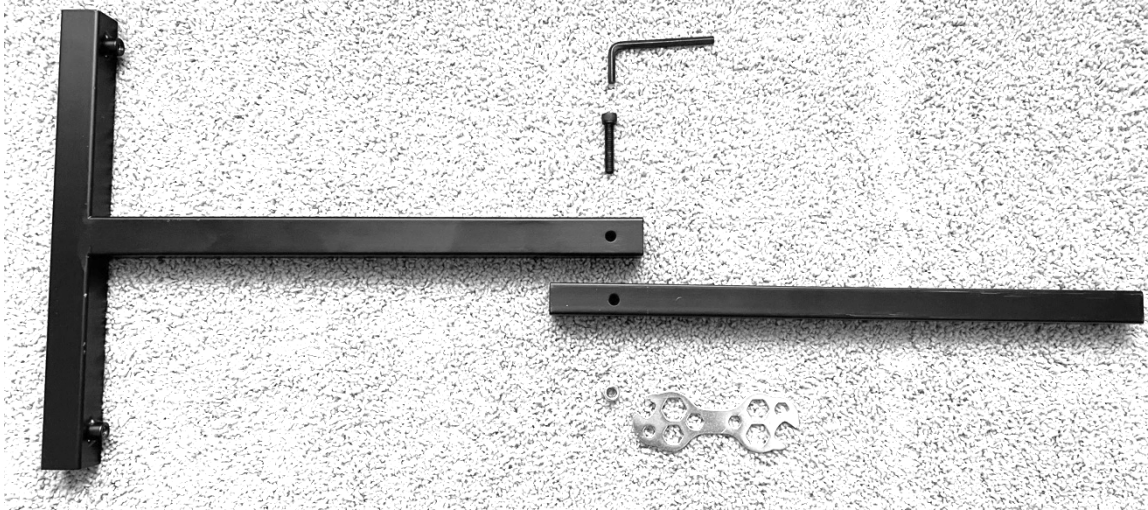
Join the two horizontal support sections by sliding them into each other and secure with two (2) M8x20mm Thumb Machine Screws. Later, you will be able to adjust the horizontal distance between these two sections to allow for mounting displays of various sizes (32" – 50" in diagonal).



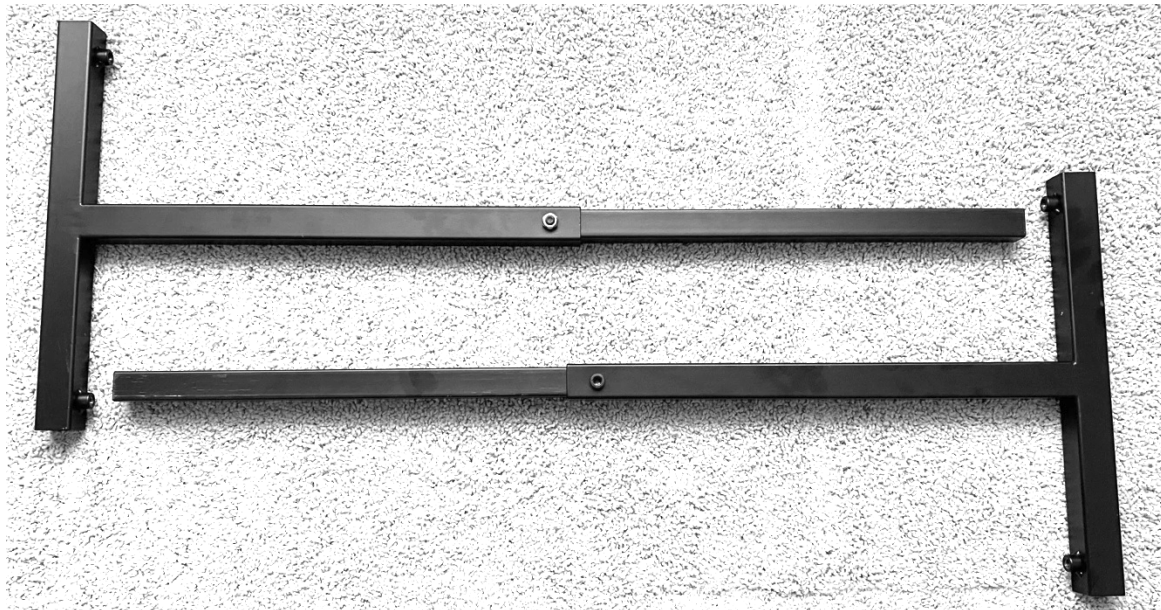
HINT: You can use little silicone grease or spray on the sliding parts.

STEP 4

Attach the "T" post to the square tubing using M8x35mm bolt and M8 nylon locknut.

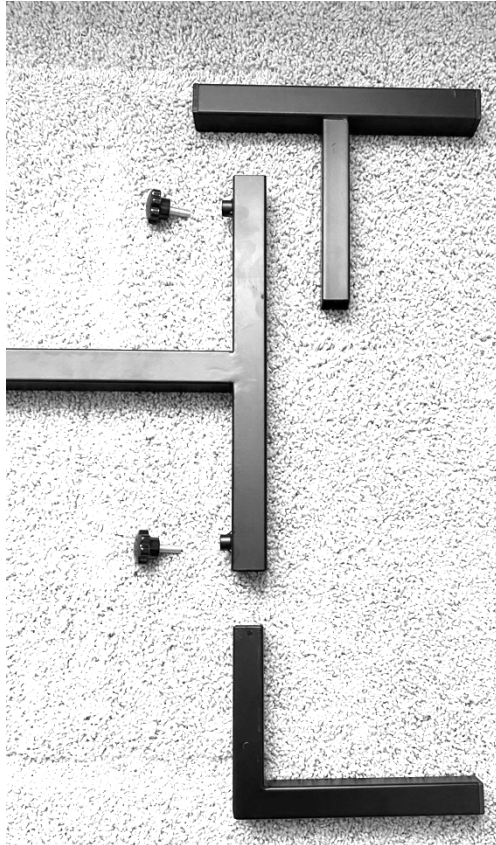


Repeat for the 2nd "T" post.



STEP 5

Attach the front 'L' support and the back 'T' support to the assembly completed in prior step and secure using two (2) M8x20mm thumb screws. Repeat for the other post.



HINT: The "L" support should face outward as shown above to provide adequate space for Volair Sim's cockpit pedal base.

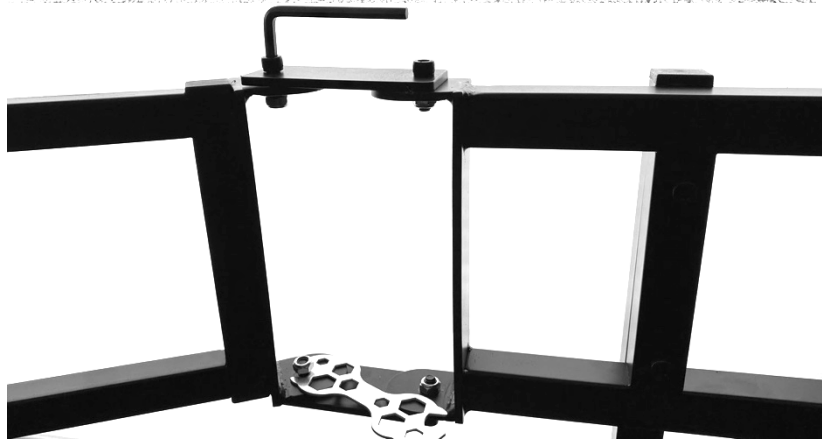
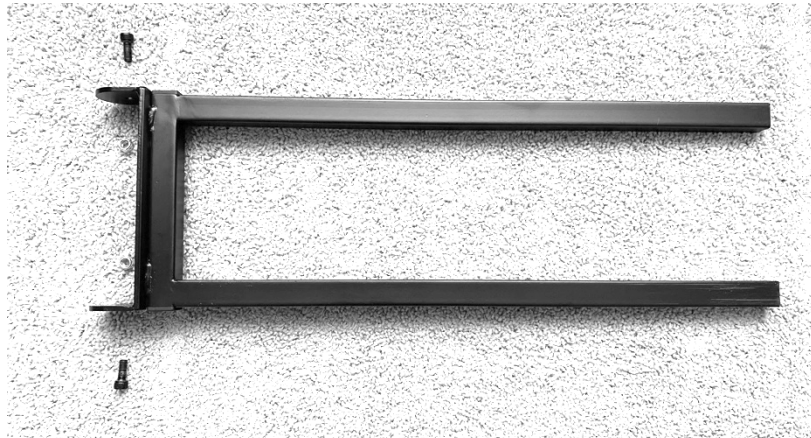
STEP 6

Attach the horizontal support assembly completed in **STEP 3** to the posts completed in **STEP 4** and secure with two M8x20mm thumb screws and adjust the approximate desired height.



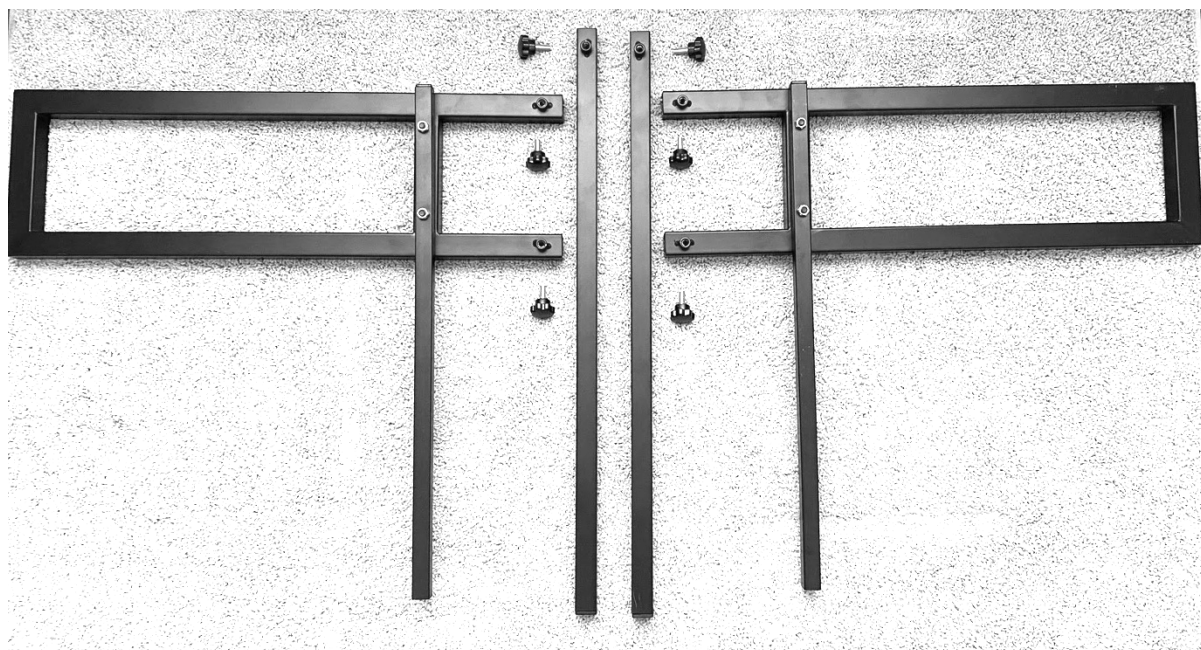
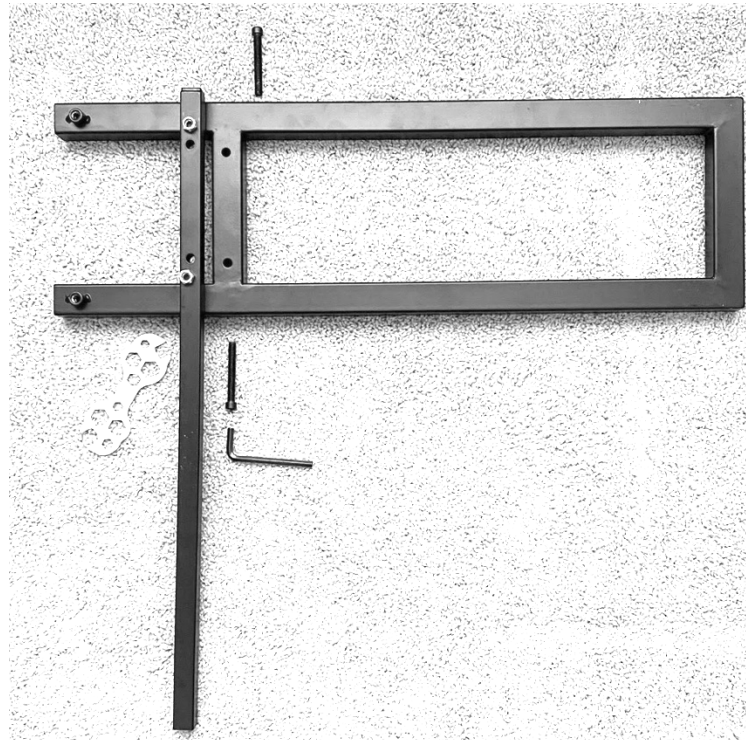
STEP 7

Attach the Left display arm to the horizontal support sections completed in prior step using two (2) M8x20 hex bolts and two (2) M8 nylon locknuts. Repeat for the Right display arm. Do not overtighten.



STEP 8

Locate the Left display support horizontal section and attach the support post using two M8x55mm hex bolts and two (2) M8 nylon locknuts. Repeat for the Right display support. Next, attach the extension posts to completed assembly and secure with M8 thumb screws. The post extensions will support the weight of the left and right display and help with horizontal alignment with respect to the center display.



STEP 9

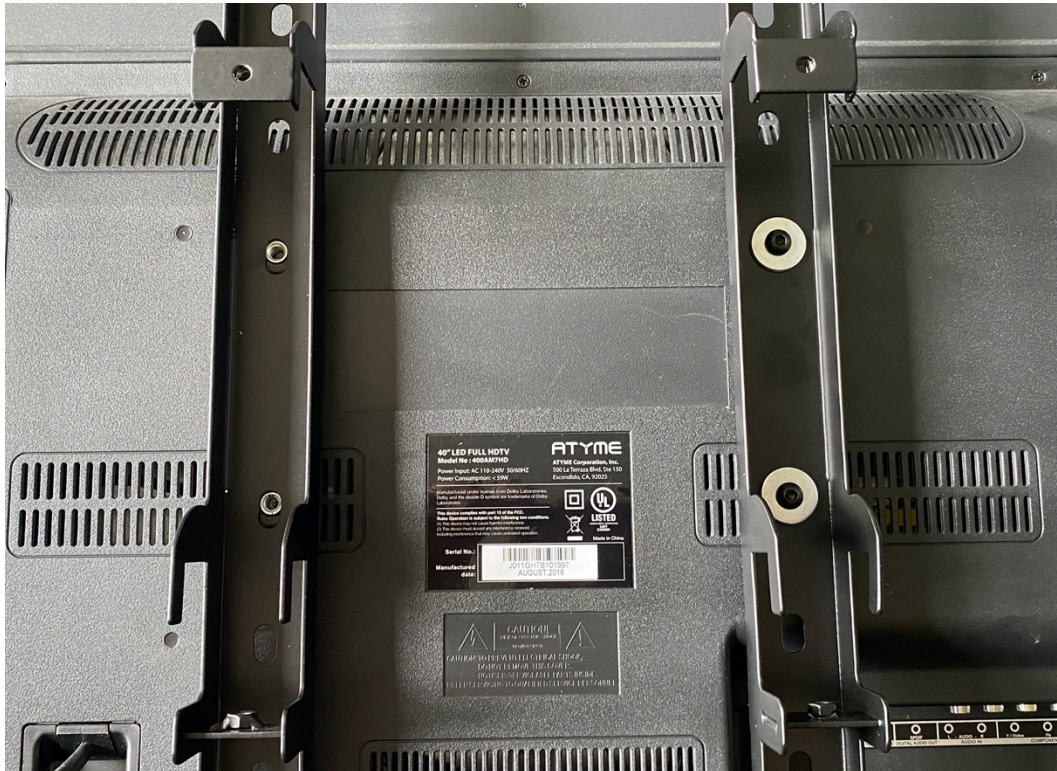
Slide Left and Right horizontal display support sections completed in prior step on the assembly completed in **STEP 7**. Adjust the height of the left and right support post so that the left and arms are horizontal.



STEP 10

Attach each display to the VESA standard display brackets using assorted hardware provided in the three (3) hardware bags (4 metric machine screws, washers, and spacers as needed per each display).

Next, thread the four (4) Thumb Machine Screws M6x40mm into the two VESA brackets a few turns.



HINT: Do not tighten the mounting screws all the way at this time as to allow each display to slide up/down in the oval slots.

Hang the center display first, and then hang the left and right displays next. Ask a helper to with final positioning displays at the desired angle and height.

Note: moving the left and right support leg outward increases the overall stability/balance of the triple display stand.

The final position of the displays will take small adjustments at the VESA bracket (use the slotted holes to move and rotate the displays), tightening the four (4) M6x40mm thumb screws, and adjusting the height of the left and right support posts.

When satisfied, tighten all fasteners to prevent further movement.



After completing all electrical connections, one can use zip ties to secure and conceal display wiring.

ENJOY YOUR TRIPLE DISPLAY STAND!