

TAM Screen Assembly (4-Way)

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- Assembling and Mounting the Masking Subframe
- Assembling and Mounting the Screen Subframe
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NOTE

Crating configuration may vary based upon product ordered but the steps shown here will be essentially the same.

1) Remove crate lid using a Phillip's screw driver.

2) Components will be secured within the crate.



3) Remove the 2" x 4" cross-members.

4) Use caution so that the cross-members do not fall to the inside of the crate possibly damaging the components inside.



5) Remove the side panels for easier access to the components inside.

6) The components inside the crate will be “block-fastened” to the floor of the crate.



7) Remove the block-fastened components using a cordless drill.

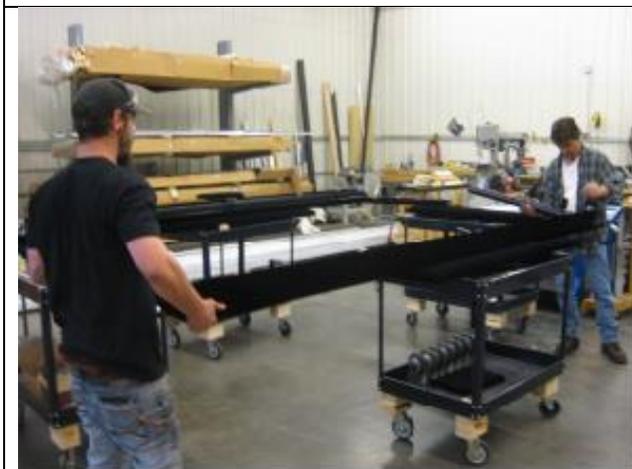
8) Use caution when working around the black velvet components since they can be easily damaged.



9) Carefully remove the components lifting straight up.



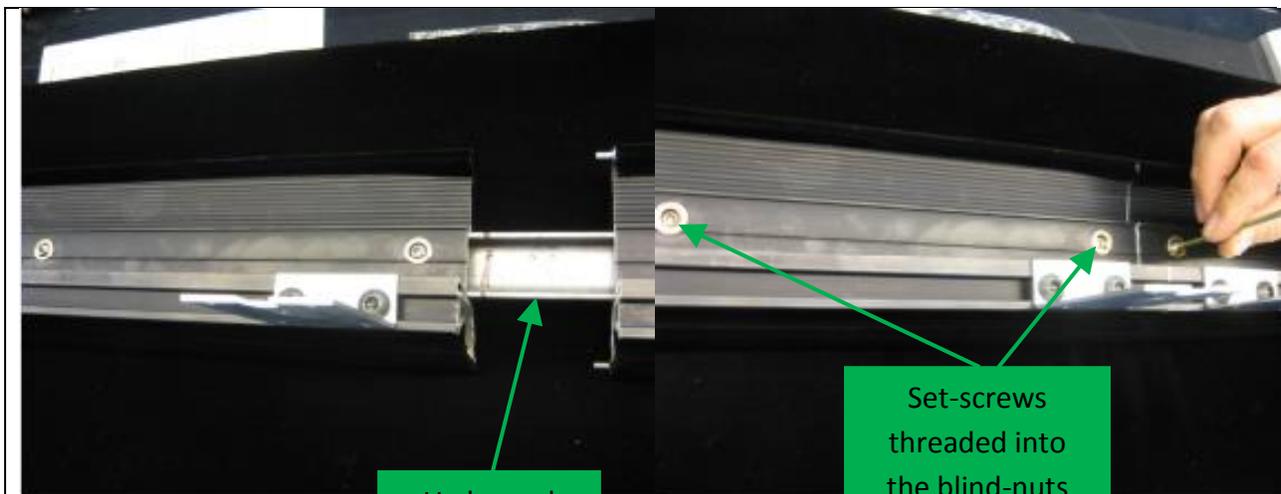
10) It is best to have two people removing the components from the crate.



11) Align the components velvet side face-down on a stable, flat surface such as work benches or on the floor.



12) The main frame is now ready to be assembled using the splice bars provided.



U-channel splice bar

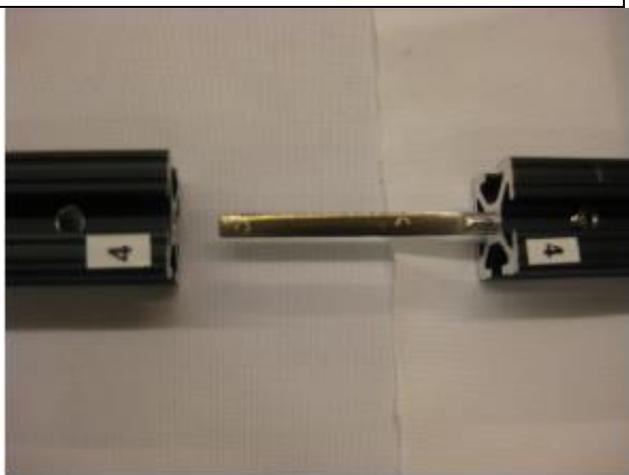
Set-screws threaded into the blind-nuts

13) Insert the U-channel splice bar as shown, and slide the frame components together.

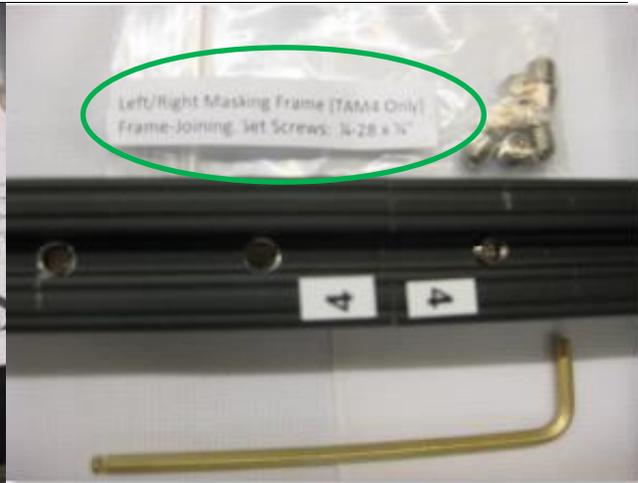
14) After the components are aligned, tighten the set-screws against the U-channel splice bar using an Allen wrench.



15) Remove the masking subframe from the crate and position the sections as shown previously with the main screen frame.

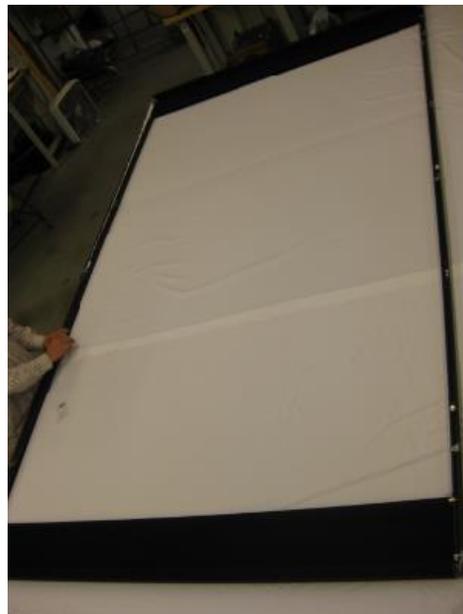
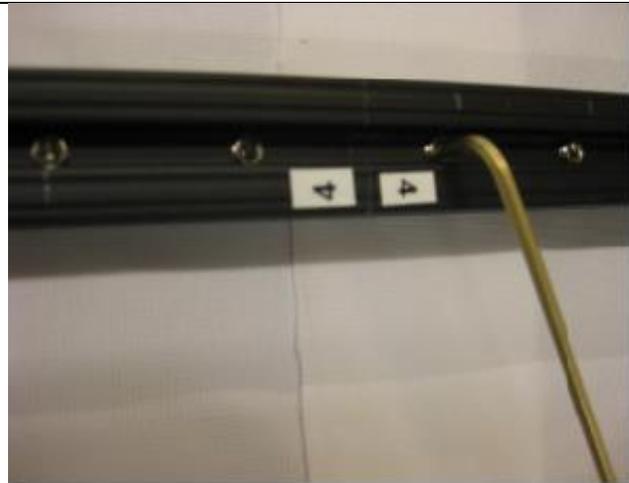


16) The sections of the frame will be numbered as shown. Connect the two halves by inserting the small splice bar as shown above.



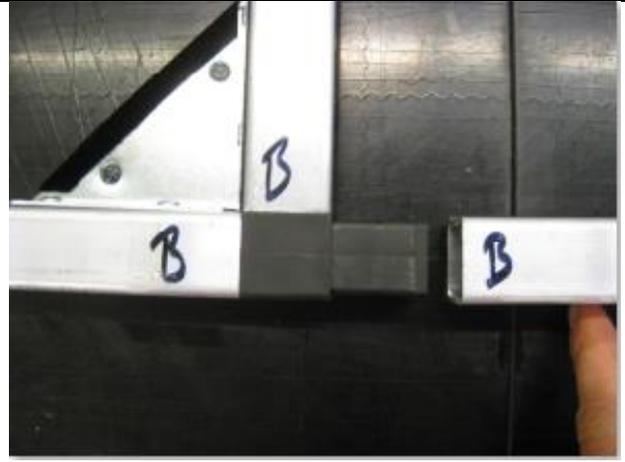
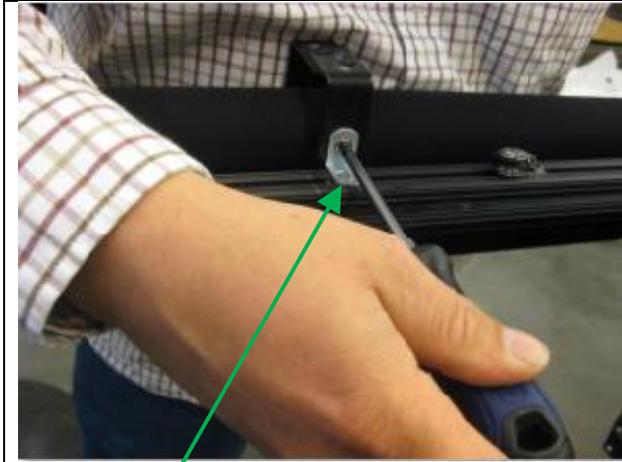
17) The accessories pack will contain all of the fasteners and components for assembly and operation.

18) The individual packs will be labeled with their usage requirement.



19) Insert and tighten the set-screws as shown using an Allen wrench.

20) The assembled masking subframe will look as shown above after assembly.



Masking subframe mounting screws



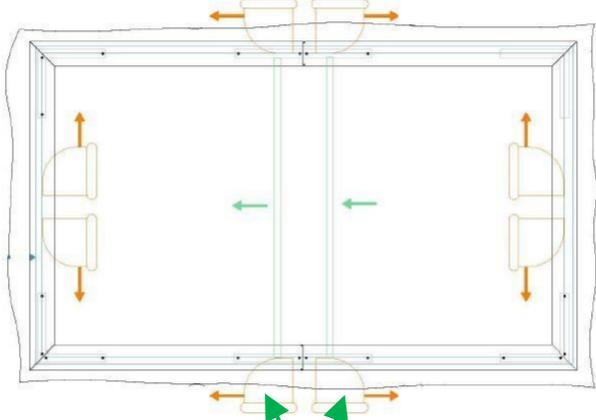
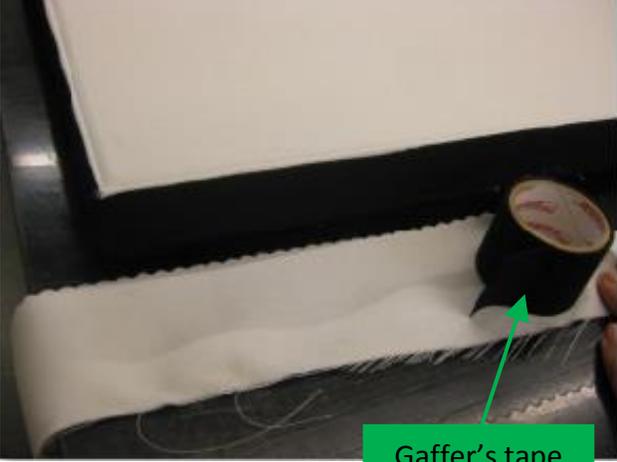
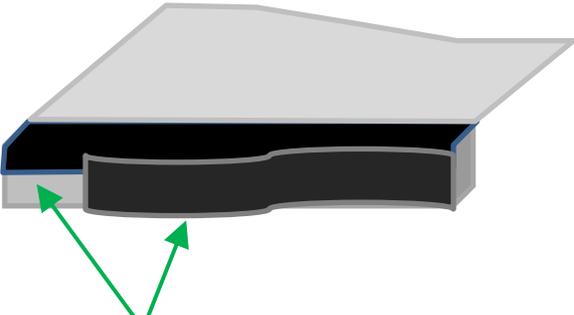
21) The assembled masking subframe will attach to the screen bracket using an “L-bracket” as shown.

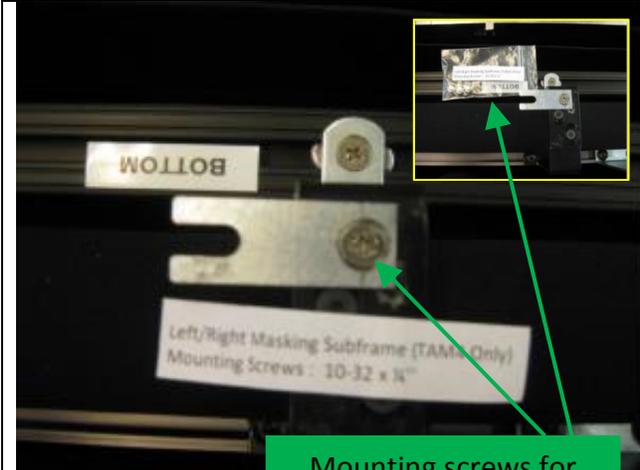
22) The screen subframe will be assembled by matching the corresponding letters as connection points (shown above).



23) The assembled screen subframe will look as shown above after assembly.

24) The fabric is inserted into grip track to create tension. The above photo simply shows the insertion point on a length of grip track. (For informational purposes only)

 <p data-bbox="381 724 604 787">Spatulas</p>	 <p data-bbox="1052 682 1274 835">Black backing inserted into grip track.</p>
<p>25) Using a spatula, insert the fabric, along with the black backing, into the grip track starting at the center of each frame member and work your way toward the corners.</p>	<p>26) The above photo shows the screen and black backing inserted into the grip track. You are facing the back side of the screen here.</p>
 <p data-bbox="555 1516 782 1579">Gaffer's tape</p>	 <p data-bbox="880 1486 1307 1606">Gaffer's tape securing fabric edge to metal frame.</p>
<p>27) The assembled screen is then turned over and excess fabric is trimmed leaving about 1/2" of extra fabric to tape to the screen frame.</p>	<p>28) The above illustration shows how the gaffers tape is applied.</p>



Mounting screws for screen subframe installation.



Mounting screws for screen subframe onto mainframe.

29) The screen subframe mounting screws will be packaged and labeled according to their use.

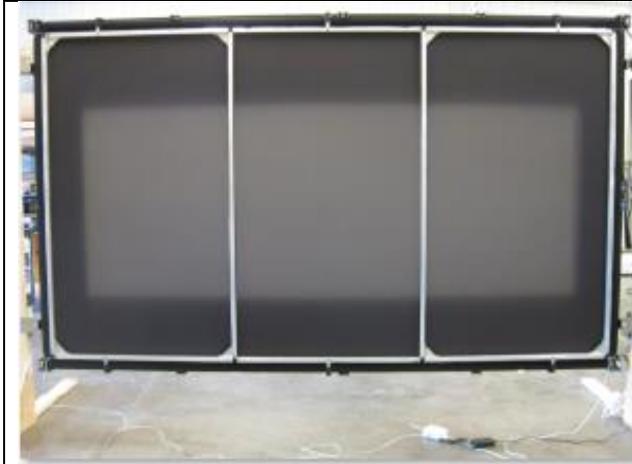
30) The above photo shows the mounting screws for the slotted side of the mounting bracket.



31) Simply turn the bracket into position and insert the black pan-head screw as shown.



32) The screen subframe will then be installed as shown above.



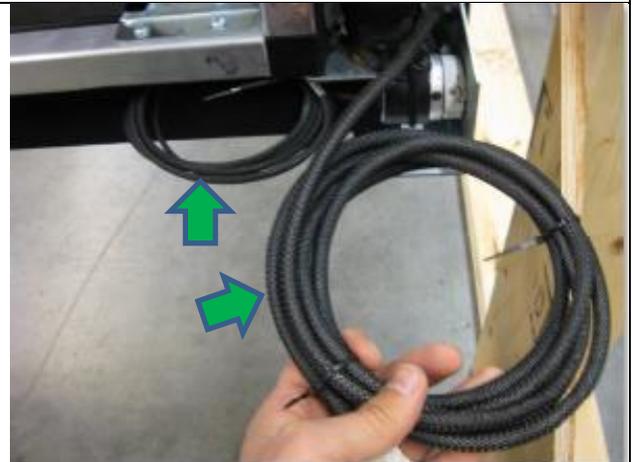
33) The photo above shows the back side of the projection screen assembly with the entire screen subframe installed.



34) The photo above shows the corresponding front side of the projection screen.



35) The control system wires will be band-tied and color coded as shown.



36) The above photo shows the control wires rolled-up and tied.