

3.6 Coral Station

A total of 4 Coral Station Stations need to be built. The large weldment should be attached to the field during the construction of the field border.

3.6.1 Tools & Equipment (for 1x Coral Station)

2x 7/16" wrenches

10x ¼-20 x 1" hex head bolts

6x ¼-20 x 2.5" hex head bolts

8x 2-5/16" quick release pin

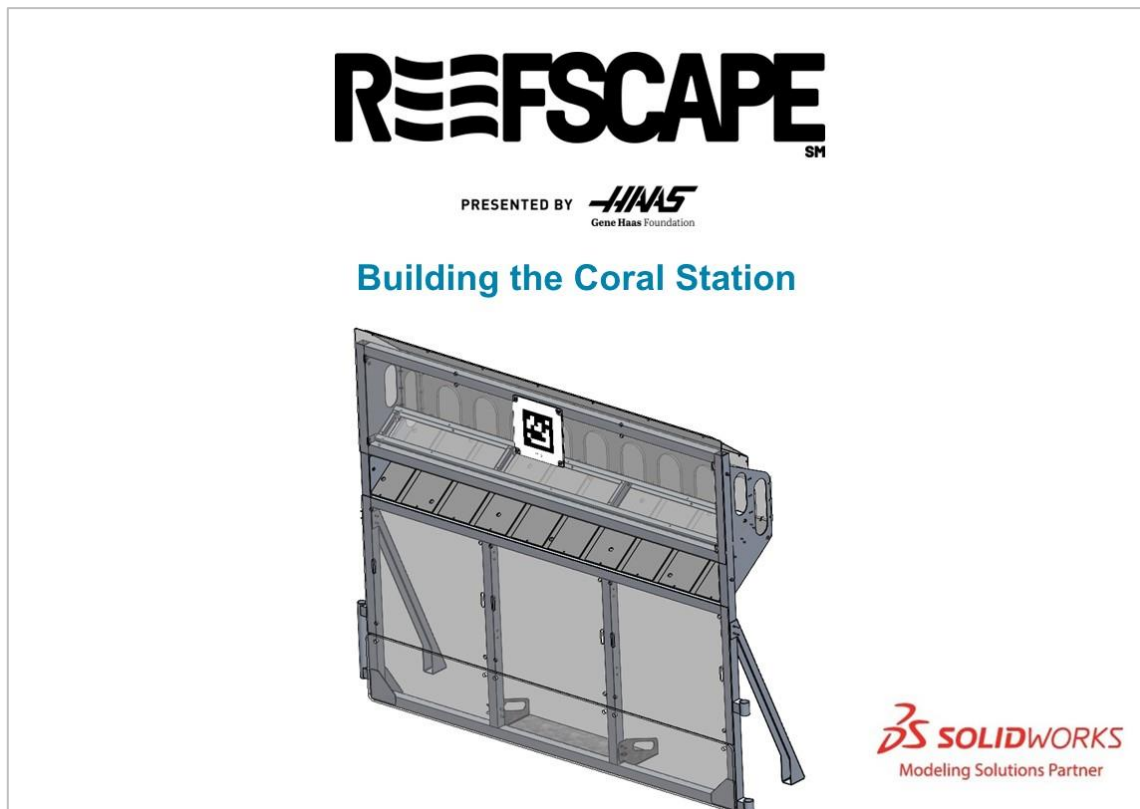
8x ¼-20 Nylock nuts

40x 50lb cable ties

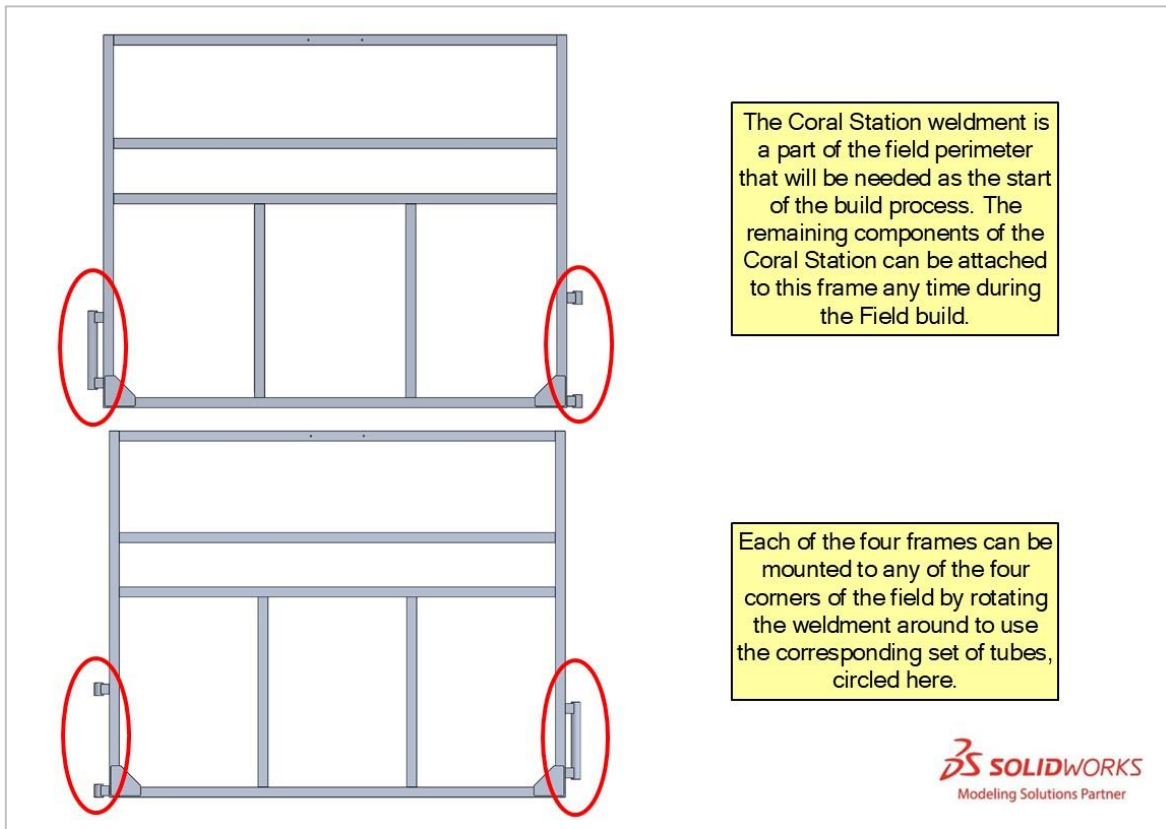
22x 120lb cable ties

3.6.2 Assembly

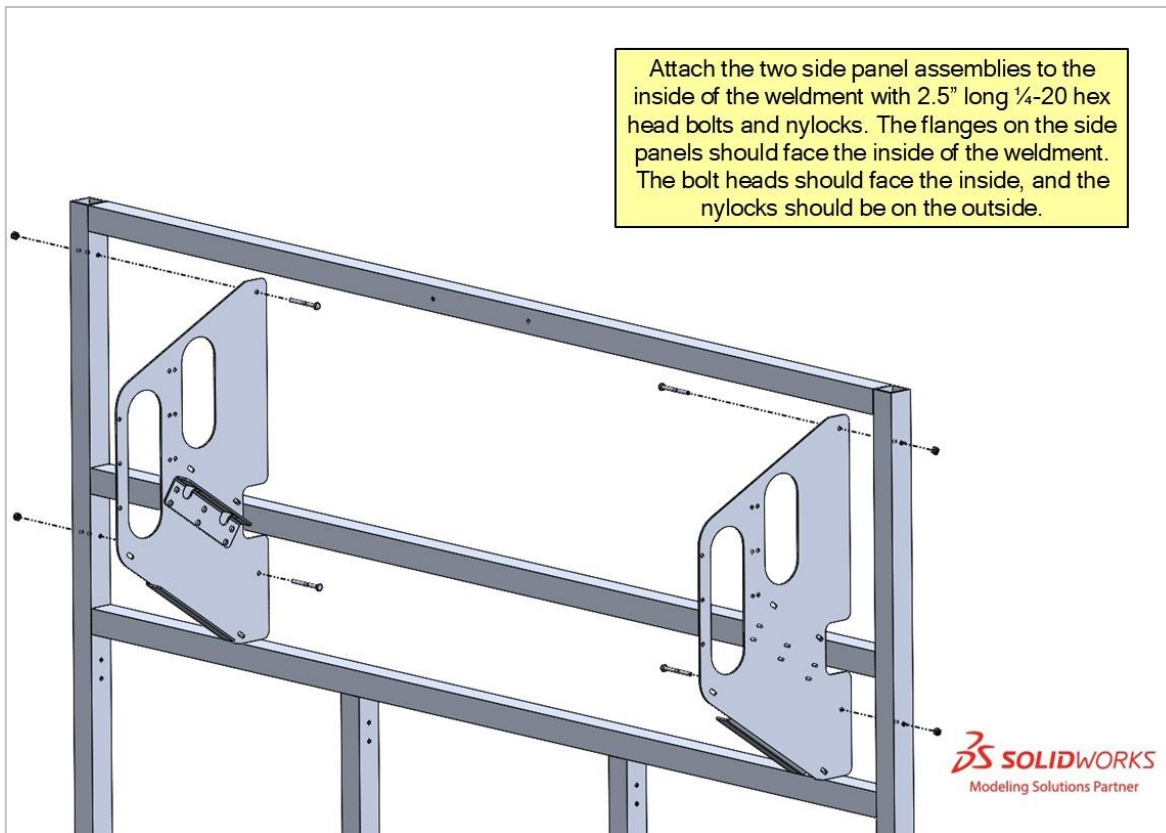
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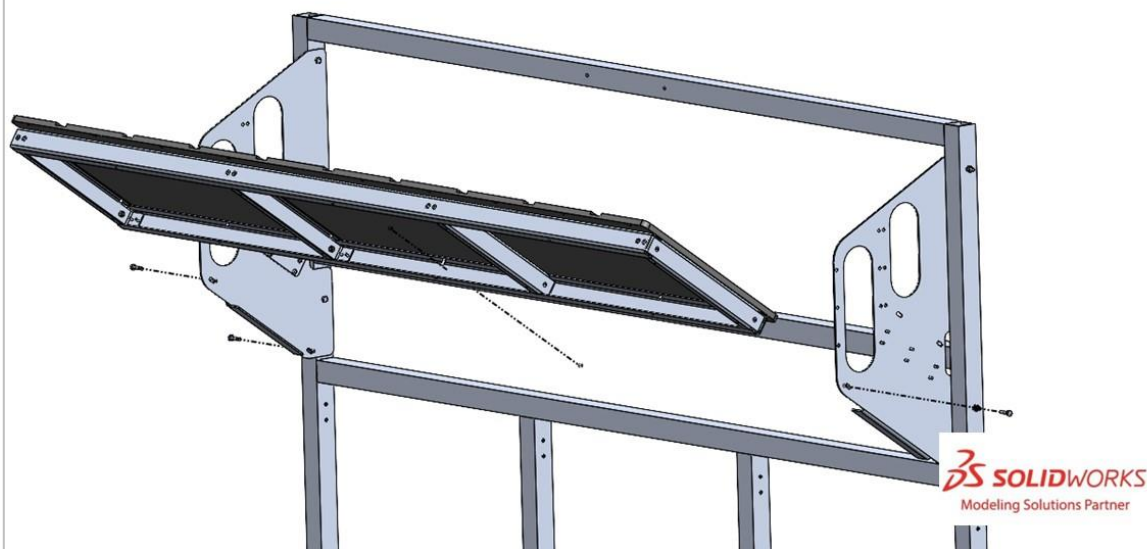


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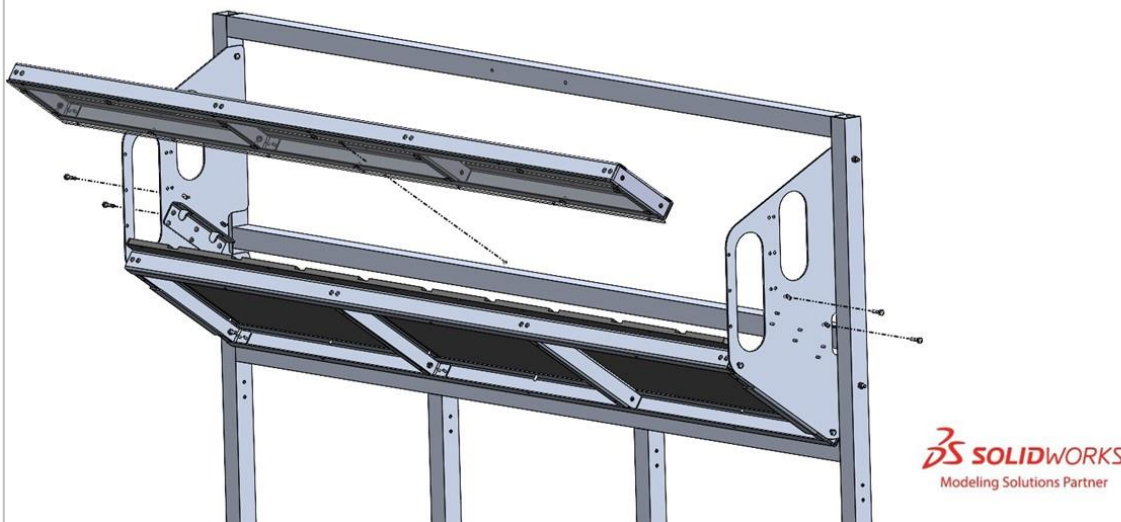
4.

Slide the Chute Ramp Assembly onto the bottom set of flanges until it hits the weldment. Pin this in place with 1" long 1/4-20 hex head bolts into the PEM nuts in the Chute Ramp.



5.

Slide the Chute Roof Assembly onto the top set of flanges until it hits the weldment. Pin this in place with 1" long 1/4-20 hex head bolts into the PEM nuts in the Chute Roof. The plastic on the Chute Roof should face down.



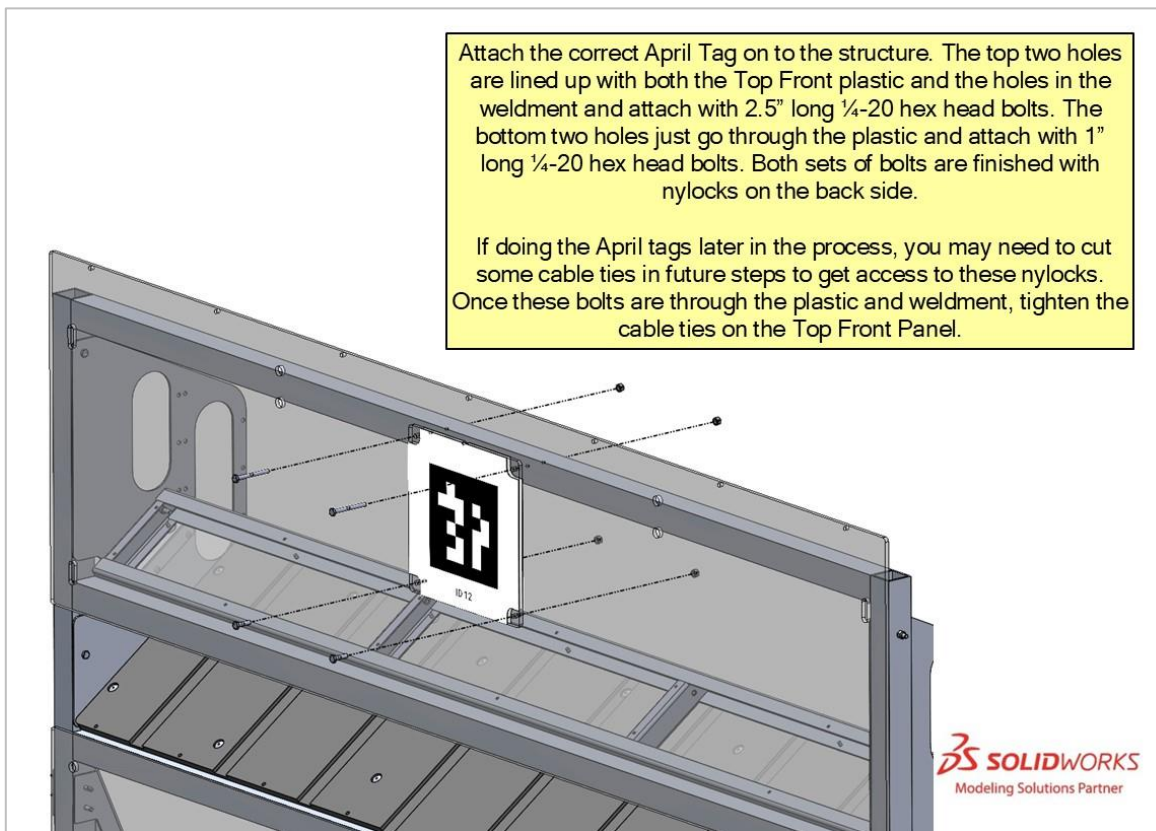
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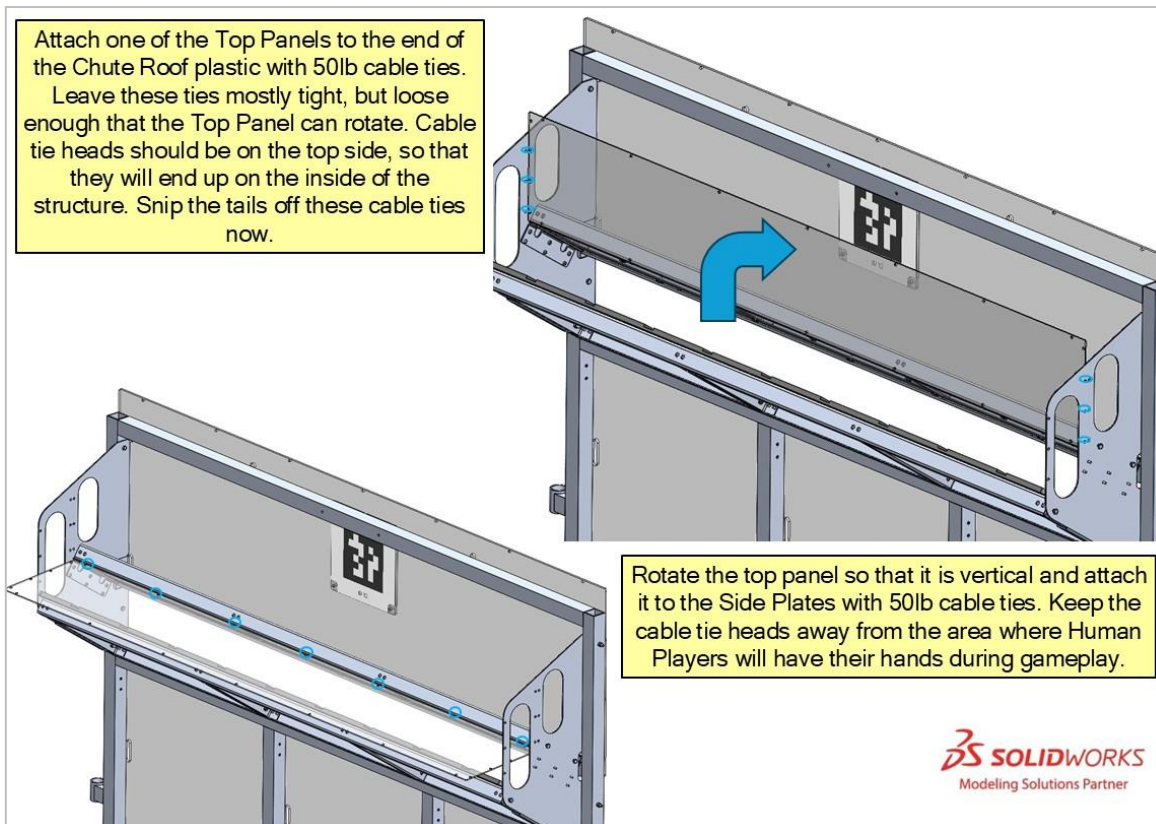
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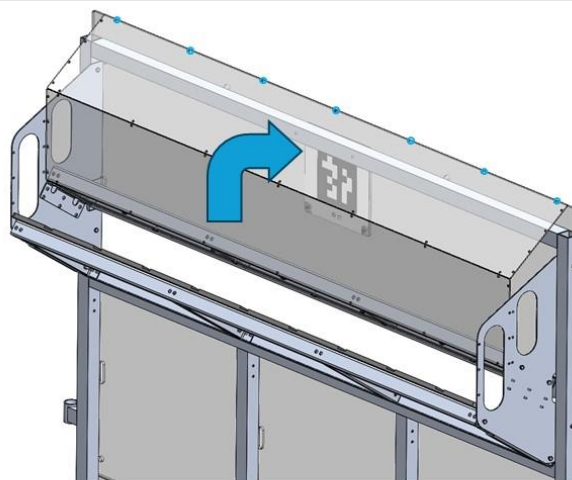


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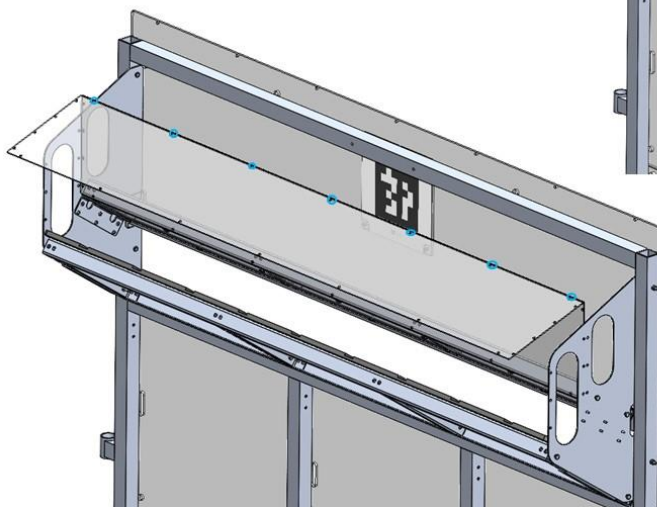


10.

Attach one of the Top Panels to the top of the vertical Top Panel with 50lb cable ties. Leave these ties mostly tight, but loose enough that the Top Panel can rotate. Cable tie heads should be on the top side, so that they will end up on the inside of the structure. Snip the tails off these cable ties now.



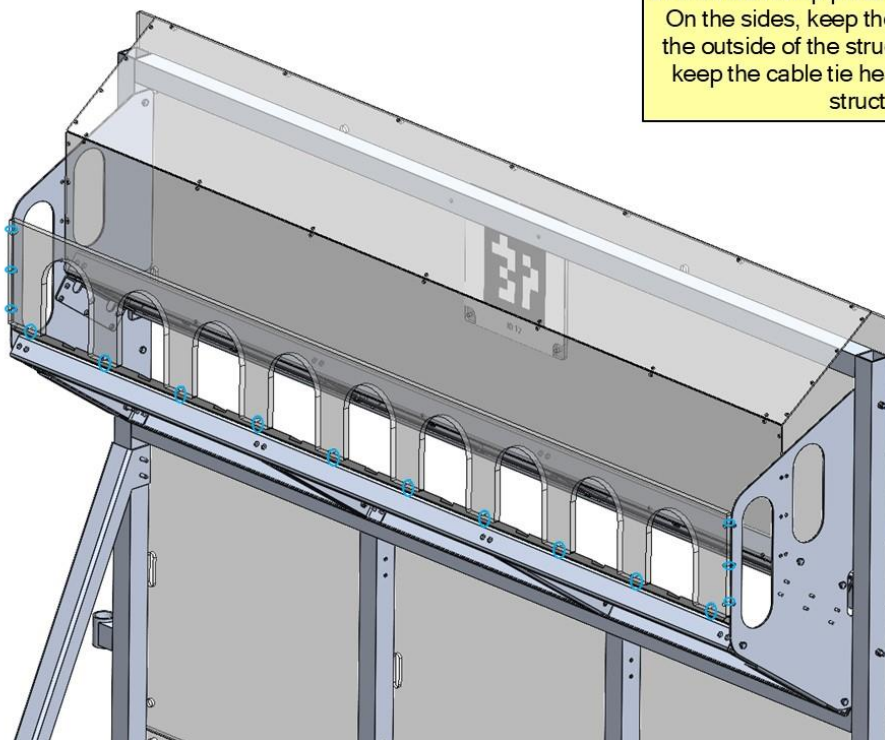
Rotate the top panel so that it is diagonal and attach it to the Top Front Panel with 50lb cable ties. Keep the cable tie heads on the non-field side of the structure.



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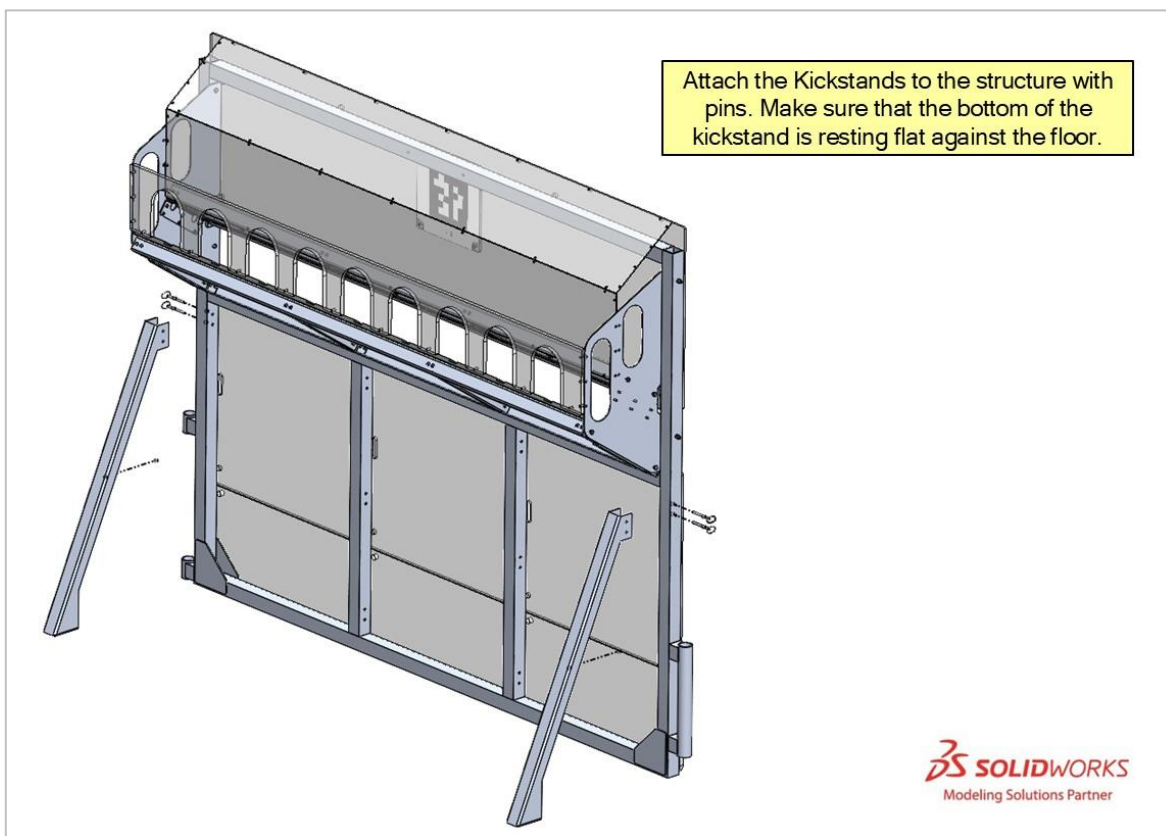
11.

Attach the Back Divider to the Side Plates and Chute Ramp plastic with 50lb cable ties. On the sides, keep the cable tie heads on the outside of the structure. On the Ramp, keep the cable tie heads underneath the structure.



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12.



13.

