



PRODUCT ASSEMBLY INSTRUCTIONS:



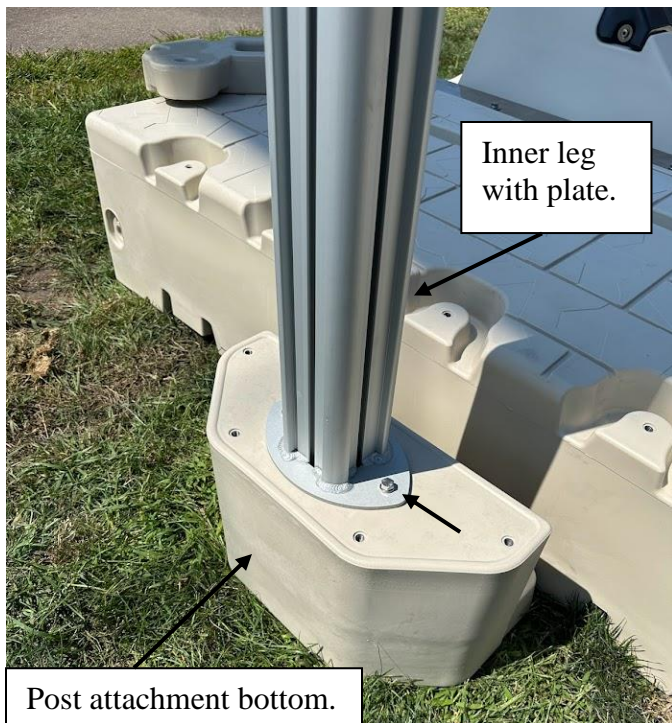
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Item # | Product Name: #302699 Pro 8 Canopy

Parts List:	Tools Needed:
1. Plastic Roof Truss, Inner qty 6	1. 9/16 socket and ratchet
2. Plastic Roof Truss End Cap, qty 2	2. Cordless drill and driver
3. Alum. Main Top Roof Tube, 9', qty 4, 35 1/8" qty 2	3. Phillips bit
4. Alum. Main Outer Leg, 64" qty 4	4. Drill Bit 5/32
5. Alum. Frame Union, 18" qty 4	5. Rubber mallet
6. Alum. Truss End Cap Support Bar, 105"	6. Ratchet Strap
7. Plastic T-shape Roof Support Bracket, qty 4	7. 5/16" socket or drive bit
8. Plastic Post Attachment Top, qty 4	
9. Plastic Post Attachment Bottom, qty 4	
10. 7" diameter hose clamp, qty 20	
11. Canopy Canvas, 9' x 22' qty 1	
12. 1 1/2" Black PVC Roof Truss Spacers, qty 7	
13. Alum. Inner Leg w/Plate, qty 4	
14. Leg Adjustment Bracket, qty 4	
15. Hardware Bag (See last page)	

Assembly Instructions:

1. Attach inner leg to the post attachment bottom as shown below. Secure in two places with the 3/8 x 1 1/4 bolts and lock washers. Slide post attachment into the pockets near the front of the port. Install post attachment top over the inner leg and secure to the bottom piece in six places with the 3/8 x 1 1/2 bolts, lock washers and heavy washers. Repeat process on the other side and also near the rear of the port.

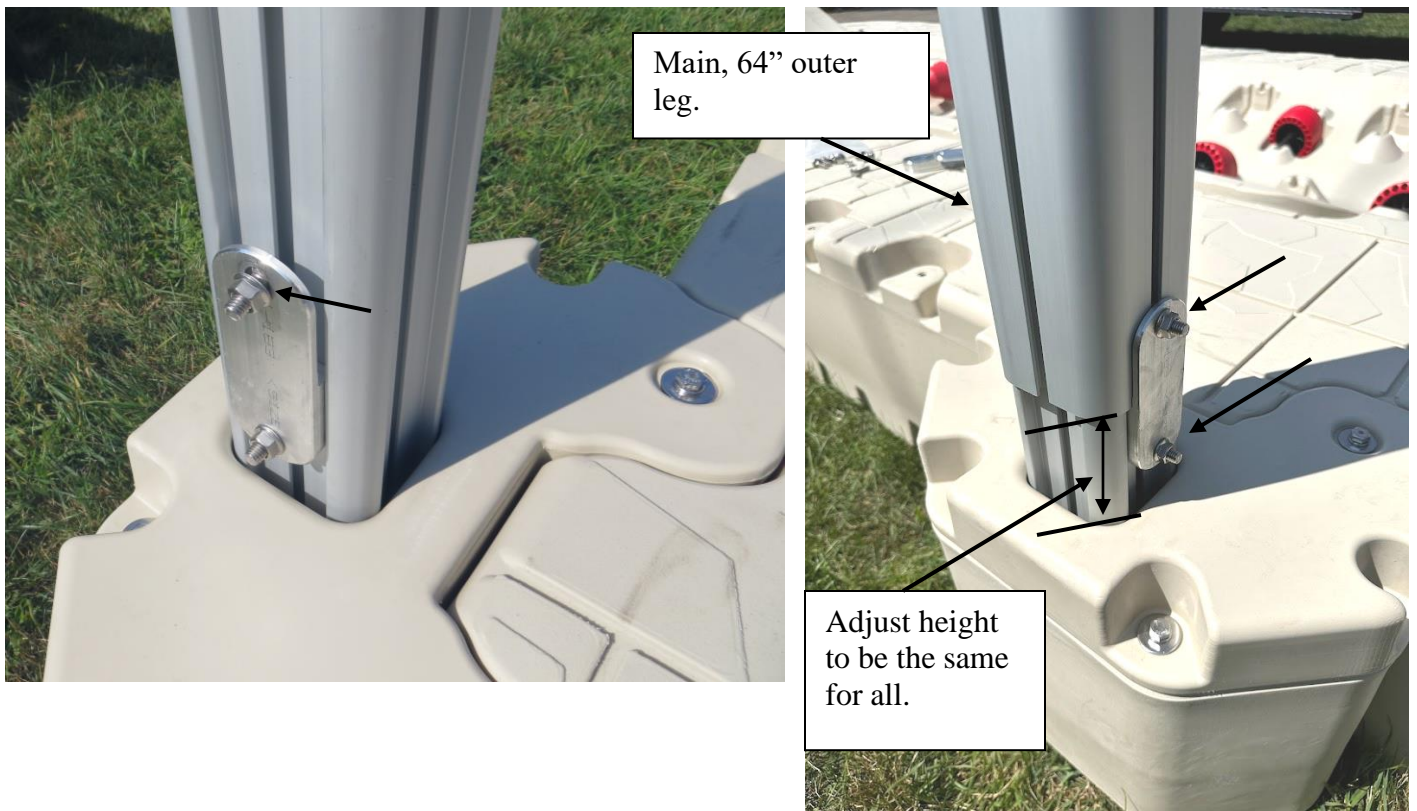




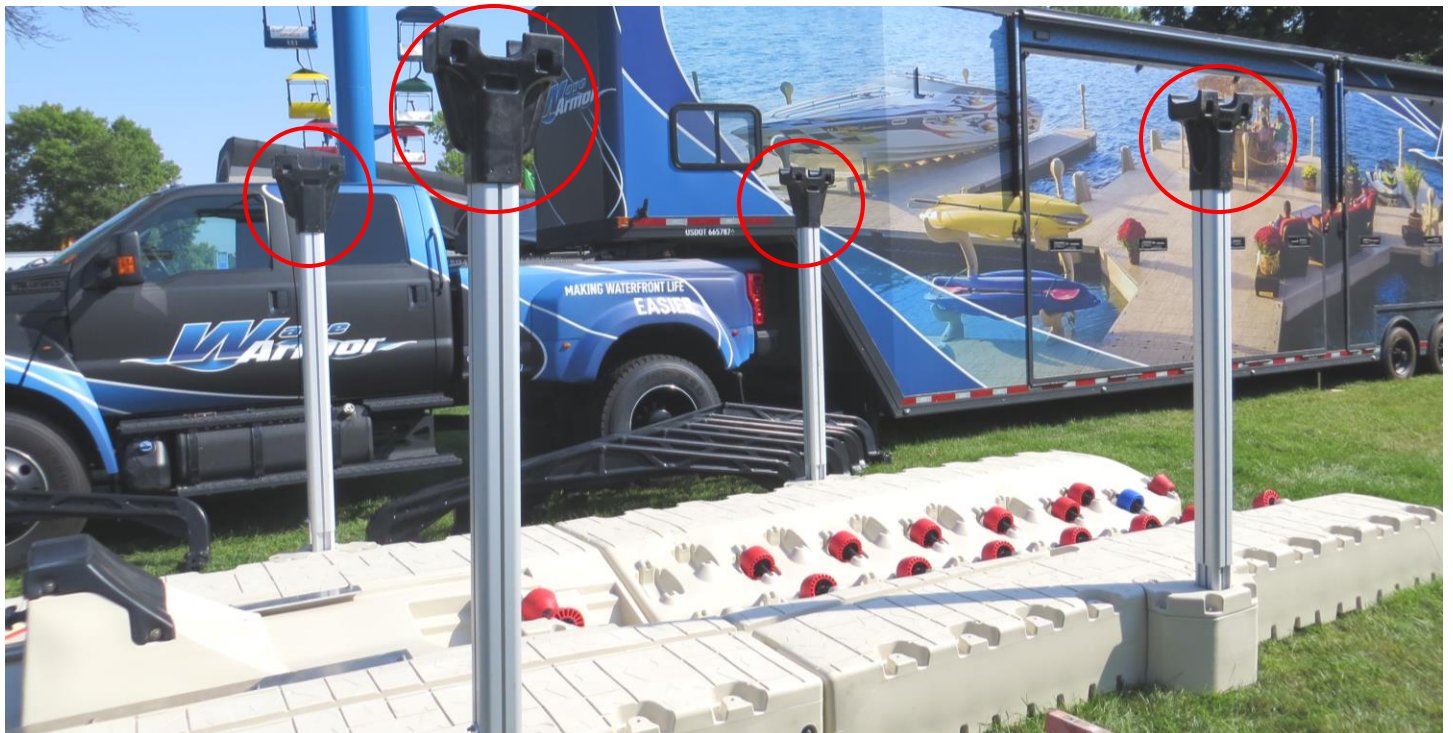
2. Slide 3/8 x 1" carriage bolt into the slot on the inner leg. Attach leg adjustment bracket onto the bolt and loosely thread on the 3/8 flange nut. Repeat process for all four inner legs.



3. Insert second carriage bolt, 3/8 x 1", into upper hole of the bracket and loosely thread on the flange nut. Slide 64" main outer leg over the top of the inner leg and insert carriage bolt into the slot on the leg. This can be used to adjust the height of the canopy. Tighten both flange nuts securely once the proper height is determined. Repeat for the other three legs and adjust all of them to the same height.



4. Place the plastic t-shaped plastic roof supports onto the top of the legs in four locations as shown below.



5. Drill a 5/32" hole through the plastic roof support and into the main leg. The hole should be in the center and down 3" from the indent at the top. Secure the roof support to the leg with the #12 x 1 1/2" long self-tapping screws using a 5/16" driver. Repeat on other side of support. Repeat process for the remaining three legs.

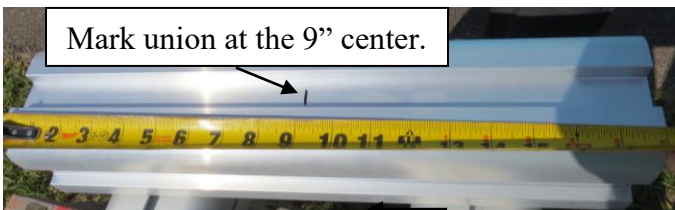


Drill 5/32" hole here, 3" down from the indent at the top.

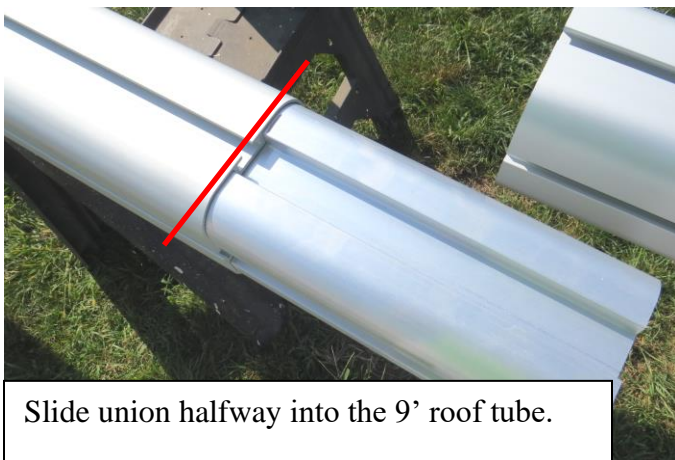


Fasten here with the #12 x 1 1/2" self tapping screws.

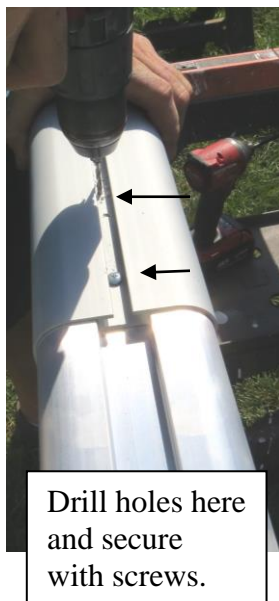
6. Mark the four 18" union pieces at the 9" center point. Slide a union into a 9' roof tube up to the center point mark. Drill two holes using a 5/32" bit as shown below. Secure the union to the roof tube with the #10 x 1" phillips head screws. Slide second 9' roof tube onto the union. Drill two 5/32" holes and secure with phillips head screws. Flip tube over and repeat. Add the 35 1/8" roof tube on the end using the same process. Repeat using the same process for the second roof tube.



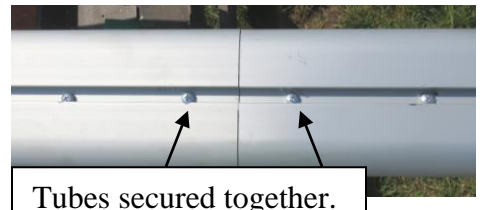
Mark union at the 9" center.



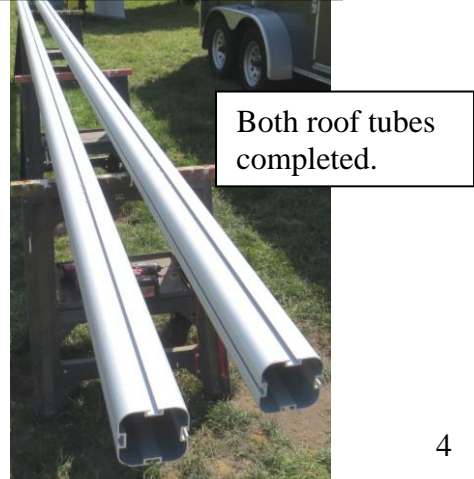
Slide union halfway into the 9' roof tube.



Drill holes here and secure with screws.



Tubes secured together.



Both roof tubes completed.

7. Set roof tubes on top of the support brackets as shown below. Roof tubes should line up close to the front of the port or just beyond. The length from the support bracket to the tube end should be the same for both roof tubes.



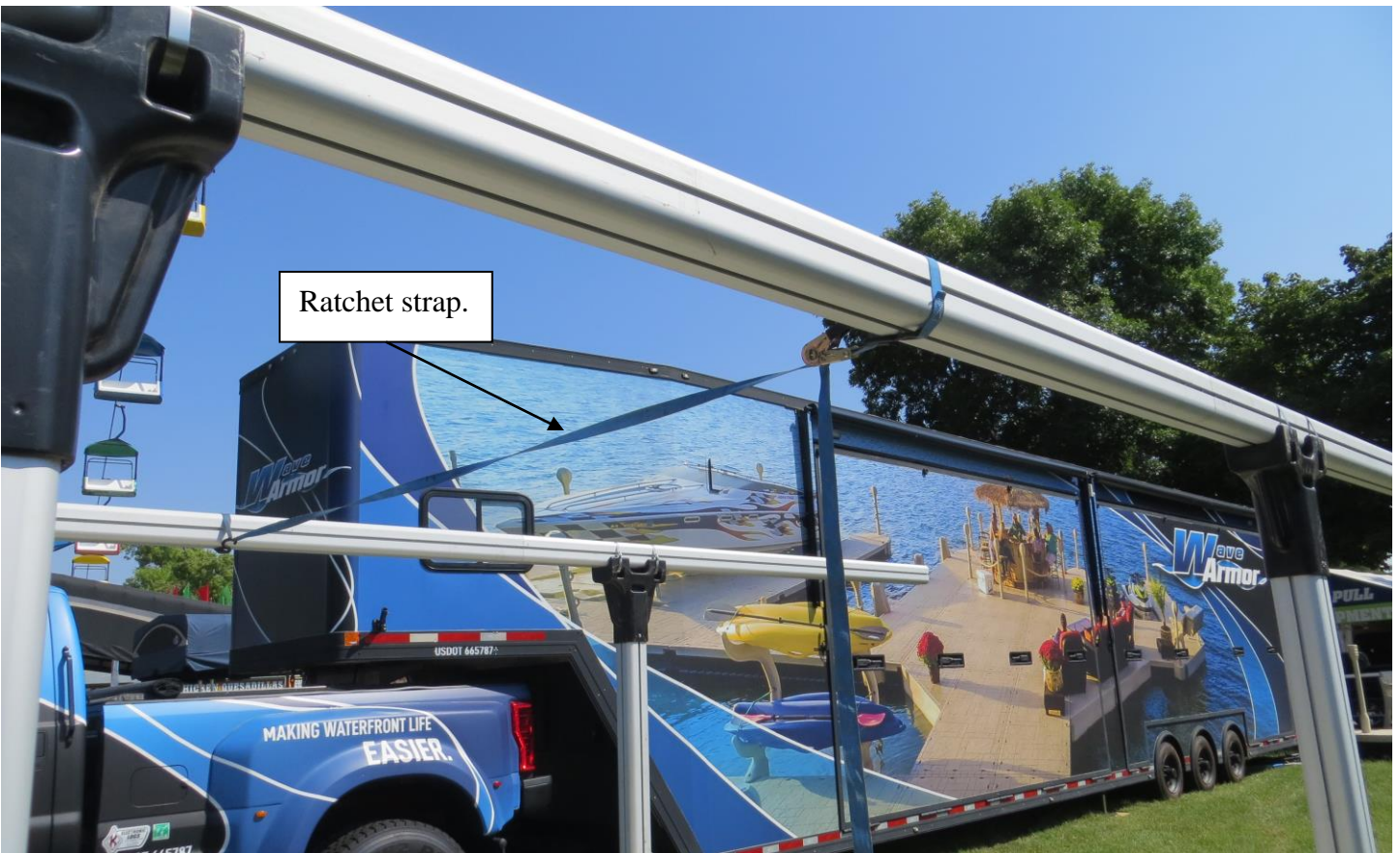
8. Thread hose clamps through the holes on the plastic support brackets. Drive mechanism should be to the inside of the port so the canopy does not rub against it. Rotate as necessary when tightening to keep it to the inside. Repeat process for all of the support brackets.



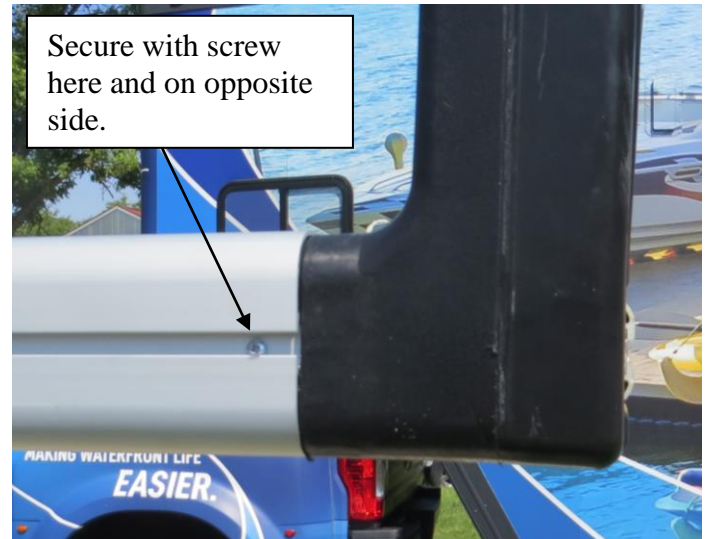
9. Install truss end support bar as shown below. Secure with 3/8 x 2 1/4" bolt and lock washer on both ends of the bar. Repeat the process for the second truss end.



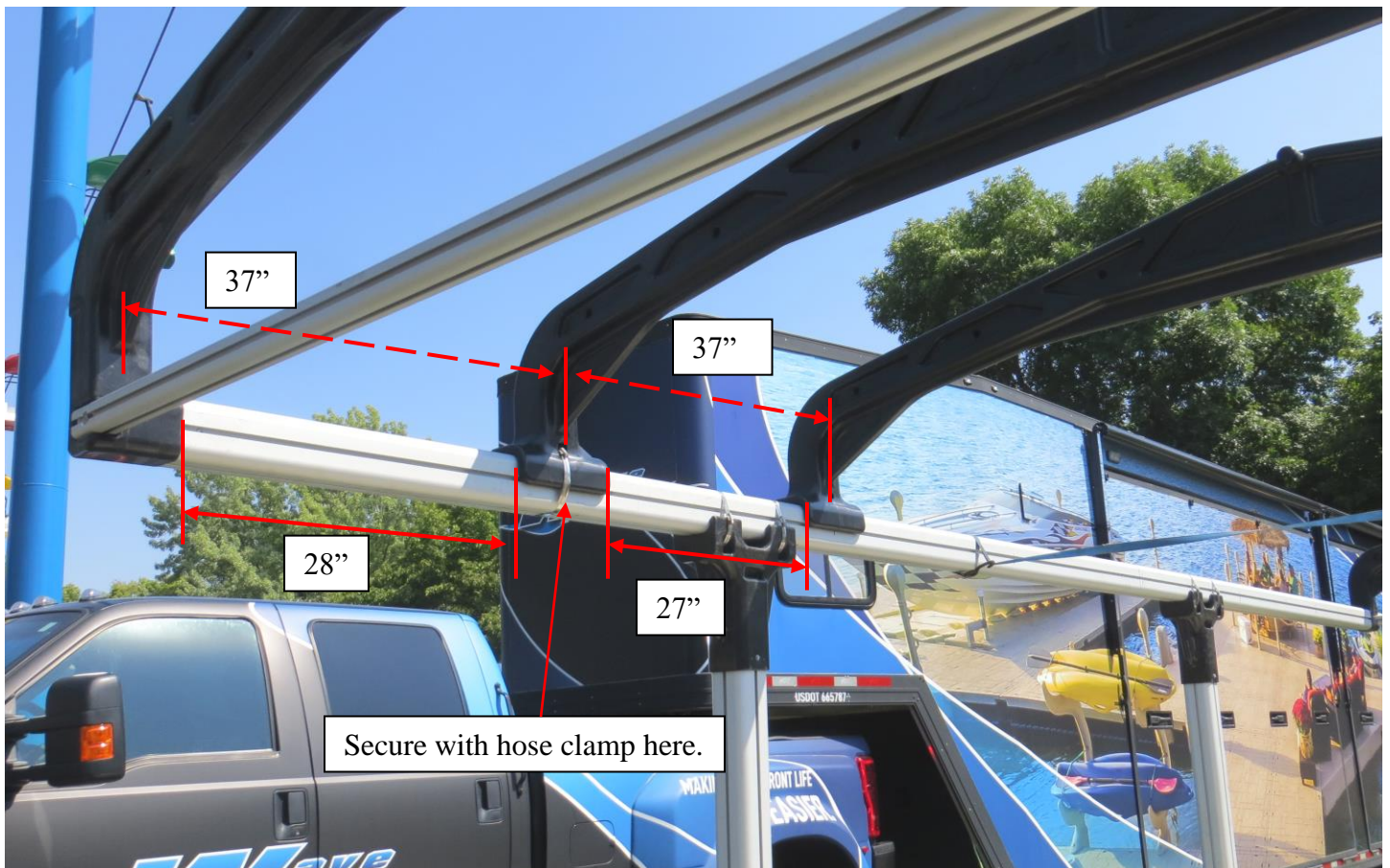
10. Check the main support legs to see if they run straight up and down. If they are tipped outward attach a ratchet strap to the two roof tubes and tighten strap until they are straight up and down.



11. Insert truss end into roof tubes. Secure with #10 x 1" phillips head screws. One on the outside and one on the inside. Repeat on the other end of the truss. Repeat process on the opposite end of the roof tubes.

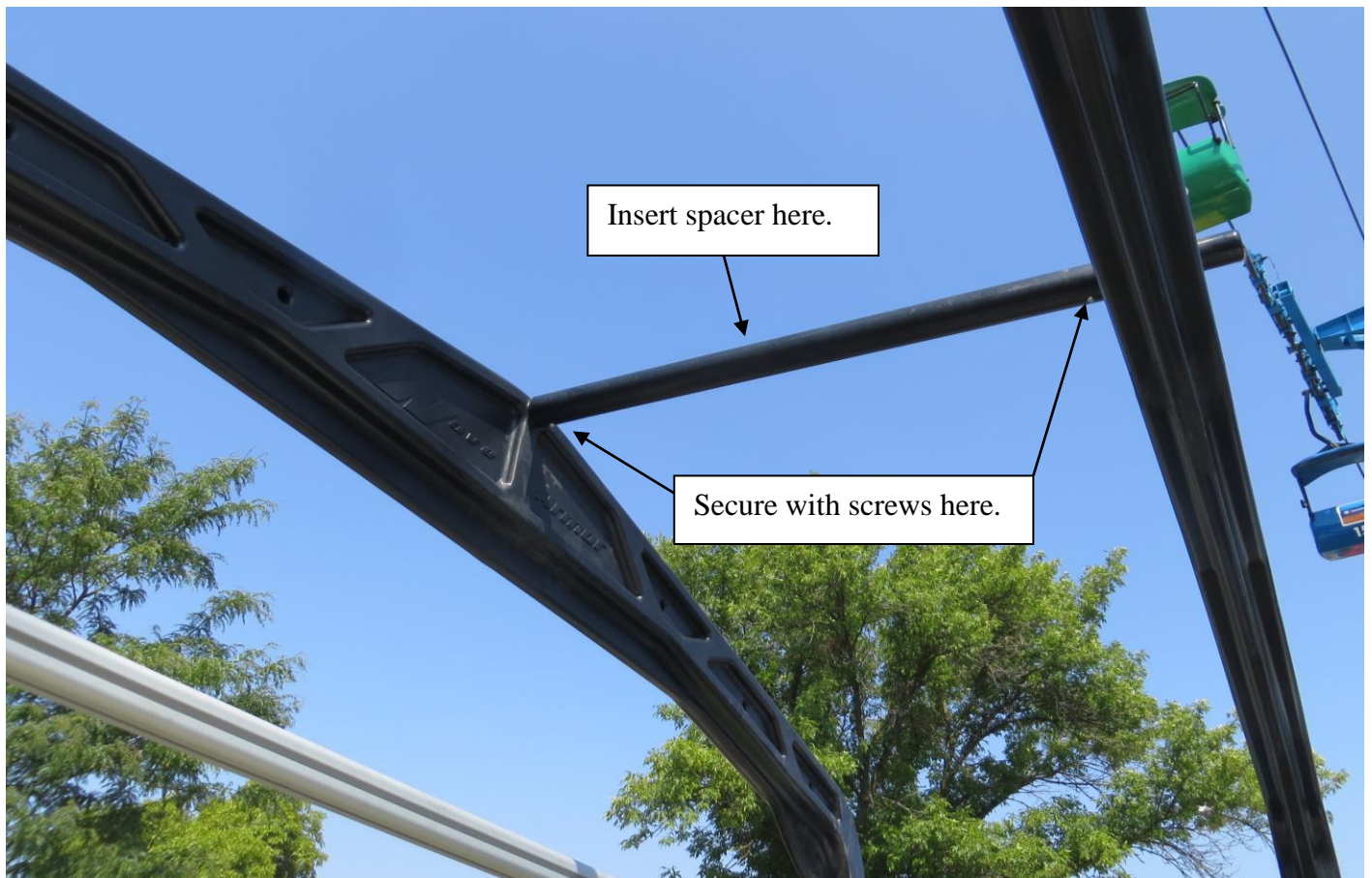


12. Place roof truss onto the roof tubes. The first truss should be placed 28" from the roof tube end or 37" from the center of the end truss to the center of the first truss. Dimensions are shown below. Secure truss with the hose clamp. Drive mechanism should be to the inside as shown. Repeat on the other end of the truss. Place second truss onto the roof tubes at 37" center to center from the first truss. Secure with hose clamps. Repeat the process for the remaining four trusses.





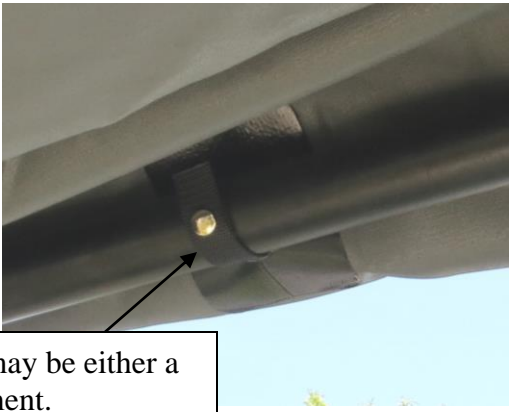
13. Install truss spacers (black 1 1/2" x 32 5/8 PVC tubes) onto the protrusions at the peak of the truss. Secure with the #10 x 1" screws, one on each end. Continue across, installing all seven spacers. The spacers can be used to adjust the trusses so they are vertical by moving them in or out on the protrusion. Pay special attention to the end trusses so they are straight up and down.





All spacers installed.

14. Place canopy on the frame and unroll it down the center of the frame. Balance it on the center truss spacers. Partially unfold it and line up the center fasteners with the center truss spacers. Fasten each of the fasteners to a center spacer.

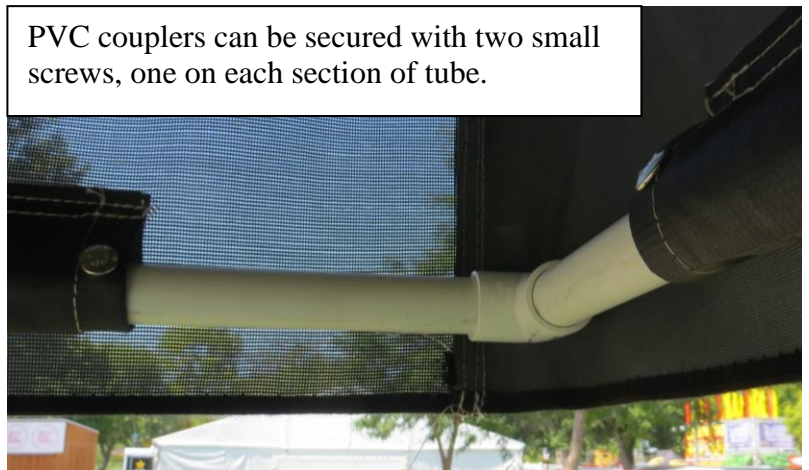


Center fastener. This may be either a snap or Velcro attachment.

15. Finish unfolding the canvas and fit it over the framework. Attach the plastic clips sewn to the elastic bands into the channel on the tubing. Continue around the inside of the canopy and secure clips on all four sides.



16. **This part is optional. These parts are not provided.** Slide a $\frac{3}{4}$ " x 10ft piece of PVC pipe into the pocket along the canopy side. Attach a $\frac{3}{4}$ " coupler to the end after sliding it into the pocket. Insert another 10ft PVC pipe into coupler and continue pushing it into the pocket. Attach another coupler to the PVC pipe and insert a 15" piece of PVC pipe into the coupler. Slide this in until 4-5" is sticking out. Attach an elbow to the end. Slide a 48" piece of PVC pipe into the pocket on front. Connect the two pieces with an elbow as shown. Repeat on other side.



PVC couplers can be secured with two small screws, one on each section of tube.



Completed canopy.

Hardware Bag

BAG 1:

400347 BOLT 3/8 X 1 ¼ HEX HEAD STAINLESS STEEL 8 Qty
301013 WASHER .4375 ID X 1.25 OD X .12 STAINLESS STEEL 32 Qty
101565 BOLT 3/8 X 1 ½ STAINLESS STEEL 24 Qty
301614 WASHER SPLIT LOCK 3/8 STAINLESS STEEL 36 Qty
301615 BOLT 3/8 X 2 1/4" STAINLESS STEEL 4 Qty

BAG 2:

302636 SCREW #10 X 1" SELF TAPPER PHILLIPS STAINLESS STEEL 54 Qty
SCREW #12 x 1 ½" SELF TAPPER HEX HEAD SS 8 Qty

BAG 3:

302639 CARRIAGE BOLT 3/8 X 1 ½ STAINLESS STEEL 4 Qty Disregard these if they are in the hardware bag. Not used.
302641 FLANGE NUT 3/8 STAINLESS STEEL 8 Qty
302640 CARRIAGE BOLT 3/8 X 1 STAINLESS STEEL 8 Qty