

Please read all instructions before starting assembly process.

If you have any questions or problems please call Easy-Garden Inc. at 1-800-25SURGI (1-800-257-8744). More information available on the internet at <http://www.easy-garden.com> E-mail address at info@surgi.com

Assembly Instructions for The Chicken Run 3P

Bill of Materials						
Part Number	Description	Quantity Needed		Part Number	Description	Quantity Needed
10524	Side Panel Perf	3		B6131121	1/4"-20 x 1/2"	140
10528	Side Panel Solid	3		N6101126	1/4-20 Nylon Lock Nut	140
10655	Lid Top Panel Side Perf	2		2331T23	Wheel 10" x 1.75	2
10656	Lid Top Panel Center Perf	1		BA1E1121	1/2" x 3" Bolt	2
10578	Lid Top Panel Center Solid	1		NA101110	1/2 UNC Nut	4
10577	Lid Top Panel Side Solid	2		S4071127	Self Drillers #10 x 1"	56
10525	Corner	4		CT14	Hinge Assembly	4
10527	Center Panel	1		CT13	Wide Handle	4
10554	Lid Side	4		CT49	Narrow Handle	2
10553	Lid Front	2		CT9	Center Brace	2
10530	Lid Back	2		PT6	Wheel Bracket	4
Tools Required				CT27	Wheel Mounting Brace	2
2	7/16" wrenches, nut drivers, or sockets			9589T2	Wheel Pin	2
2	3/4" wrenches, nut drivers or sockets, or adjustable wrenches			CT6	Straight Connector	2
1	Electric or battery operated drill			CT35	Stiffener Bracket	2
1	5/16" hex driver bit for drill					
1	Framing, or rafter square					

The above parts list is for a standard shelter, and may vary based on options ordered.

These instructions are for assembling the standard shelter Model P511. If you have purchased any of other models or options (ie. Models P521, P531, P541, P551, P571, P581) then you need to assemble the shelter in a slightly different configuration.

For the purposes of identification, the following naming conventions for the panels will be used. This is assuming that you are assembling the shelter with the covered end on your LEFT.

The configurations are as follows:

Model	Description	Sheltered End Left Panel (Wheel End) Panel A	Sheltered End Front Side Panel Panel B	Sheltered End Rear Side Panel Panel C	Perforated End Front Side Panel Panel D	Perforated End Rear Side Panel Panel E	Perforated End Left Panel Panel F
P511	Standard Shelter	Solid Panel	Solid Panel	Solid Panel	Perforated Panel	Perforated Panel	Perforated Panel
P521	Standard w/Feeder	Feeder Panel	Solid Panel	Solid Panel	Perforated Panel	Perforated Panel	Perforated Panel
P531	Shelter w/6 Nest Boxes	Solid Panel	3 Box Nest Box Panel	3 Box Nest Box Panel	Perforated Panel	Perforated Panel	Perforated Panel
P541	Shelter w/3 Nest Boxes	3 Box Nest Box Panel	Solid Panel	Solid Panel	Perforated Panel	Perforated Panel	Perforated Panel

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Model	Description	Sheltered End Left Panel (Wheel End) Panel A	Sheltered End Front Side Panel Panel B	Sheltered End Rear Side Panel Panel C	Perforated End Front Side Panel Panel D	Perforated End Rear Side Panel Panel E	Perforated End Left Panel Panel F
P551	Shelter w/3 Nest Boxes & Feeder	Feeder Panel	Either 3 Box Nest Box Panel or Solid Panel	Either 3 Box Nest Box Panel or Solid Panel	Perforated Panel	Perforated Panel	Perforated Panel

If you order the Model P571 (3 Nest Box option) or the Model P581 (Feeder option) to add to your Model P511 (Standard Shelter) you should configure the shelter in the following way when you add your options to the Standard Shelter. If you purchased both the Model P571 and the Model P581 options at the same time then configure the shelter as for Model P551 above.

Model Add-on Option	Description	Sheltered End Left Panel (Wheel End) Panel A	Sheltered End Front Side Panel Panel B	Sheltered End Rear Side Panel Panel C	Perforated End Front Side Panel Panel D	Perforated End Rear Side Panel Panel E	Perforated End Left Panel Panel F
P571	3 Nest Boxes	3 Box Nest Box Panel	Solid Panel	Solid Panel	Perforated Panel	Perforated Panel	Perforated Panel
P581	Feeder	Feeder Panel	Solid Panel	Solid Panel	Perforated Panel	Perforated Panel	Perforated Panel

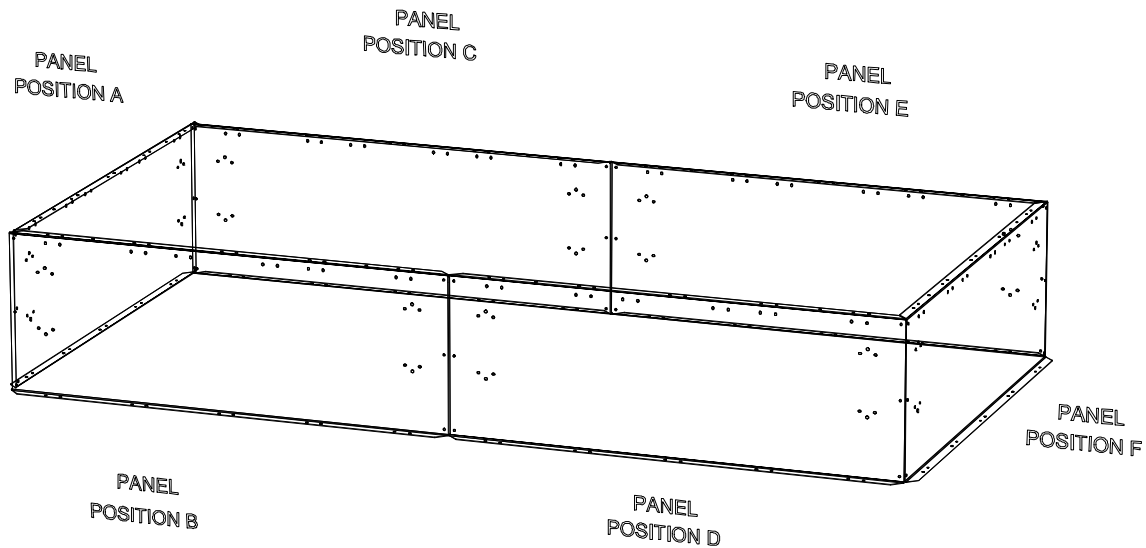
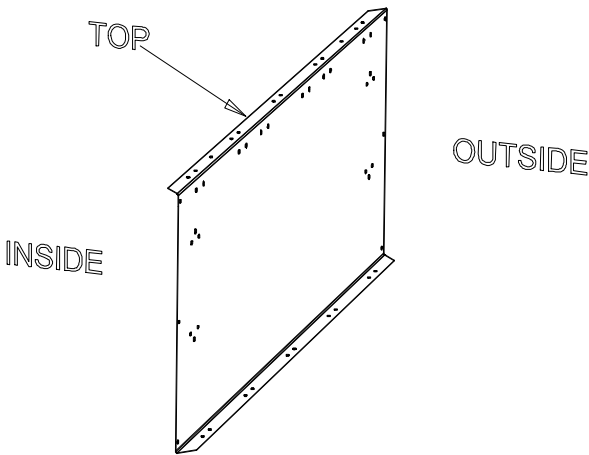
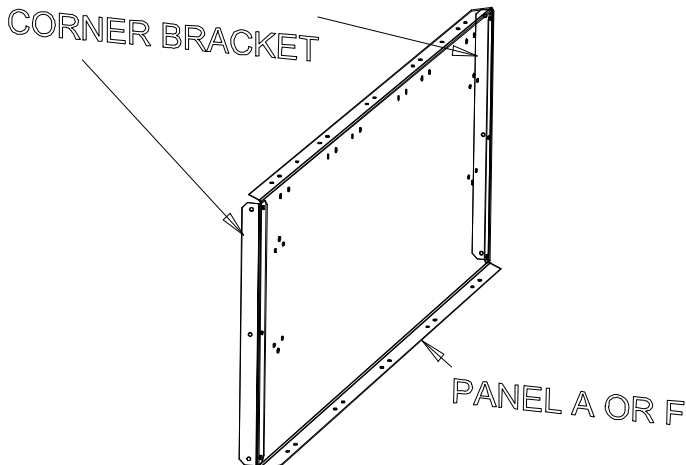


FIGURE 1

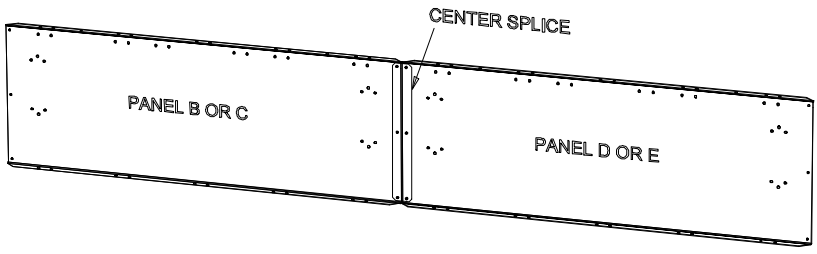
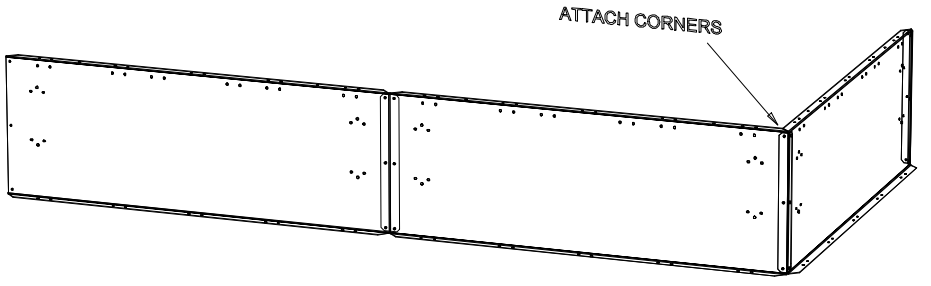
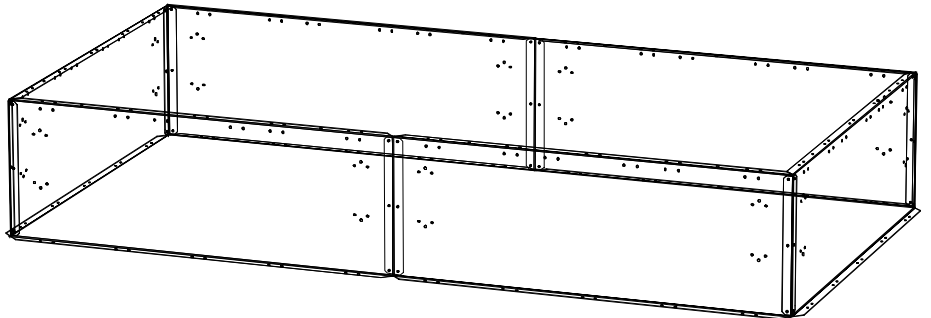
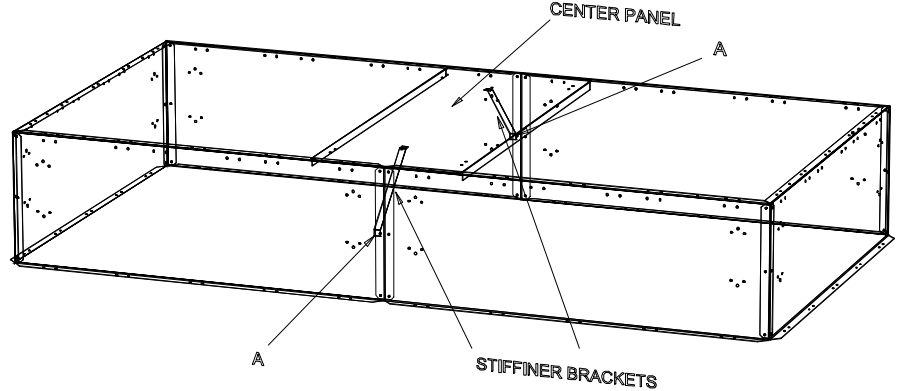
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<p>Basic Shelter Assembly</p> <p>Remove all PVC coatings from all parts prior to use. Read all instructions prior to assembly. Check all parts and hardware with the above bill of materials and note any discrepancy. Then call 1-800-25SURGI.(257-8744)</p>	 <p>FIGURE 2</p>
<p>Step</p>	<p>Figure (if needed)</p>
<p>1. Take the six panels (panel configuration can vary based on model ordered) and lay them on the floor or ground in the proper position and orientation according to the above table. (SEE FIGURE 1)</p> <p>NOTE: PAY ATTENTION TO ORIENTATION OF PANEL AS TO WHICH IS THE TOP AND WHICH IS THE BOTTOM AS WELL AS THE INSIDE AND THE OUTSIDE. (SEE FIGURE 2)</p>	<p>See above table for proper position on shelter.</p>
<p>Using ¼-20 x ½” bolts and nylon locknuts attach the corner brackets to the end panels A & F as shown in FIGURE 3.</p> <p>NOTE: CORNER BRACKETS ARE PLACED ON THE OUTSIDE OF THE PANELS.</p> <p>NOTE: ON PANEL A THE WIDE HANDLES NEED TO BE ATTACHED AT THE SAME TIME AS IN THE STEP BELOW.</p>	 <p>FIGURE 3</p>

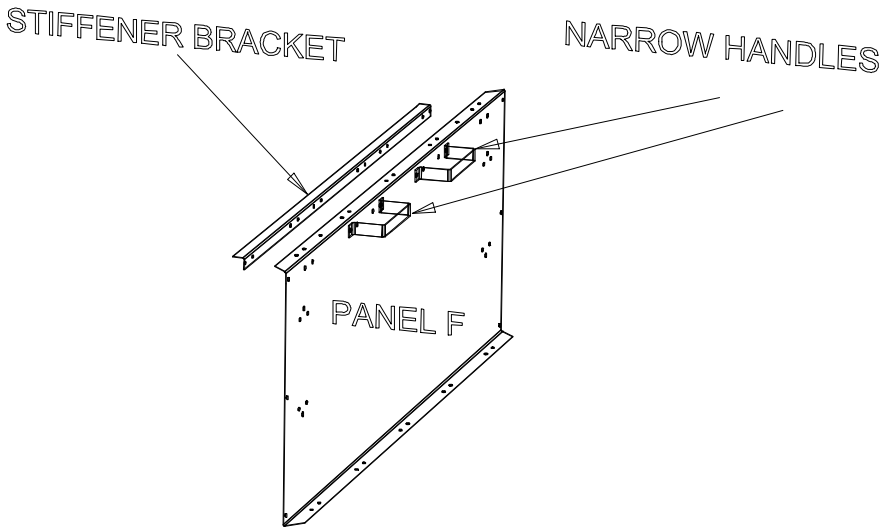
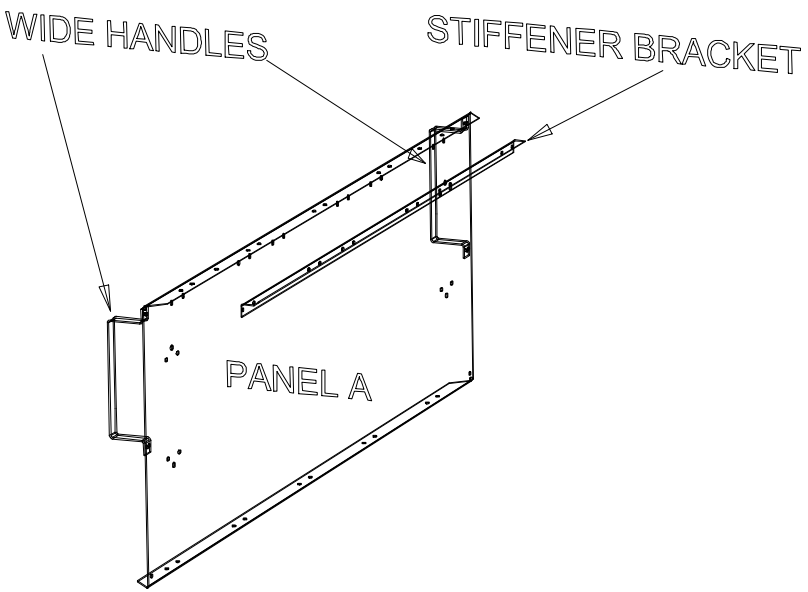
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Step	Figure (if needed)
<p>Attach two of the side panels (Panels B,C,D,E) together using ¼-20 x ½" bolts and nylon locknuts with the flat bracket leaving the two center holes open, without bolts or nuts.</p>	 <p style="text-align: center;">FIGURE 4</p>
<p>Repeat for other side.</p>	
<p>Stand one of the end panels and one of the side panel assemblies up and attach the side to the end panel using ¼-20 x ½" bolts and nylon locknuts.</p> <p>NOTE: PLACE CORNER BRACKET ON THE OUTSIDE. (SEE FIGURE 5)</p>	 <p style="text-align: center;">FIGURE 5</p>
<p>Repeat for the other three corners.</p> <p>The number of perforated and solid panels may vary depending on the models purchased.</p> <p>The shelter should look like FIGURE 6.</p> <p>NOTE: THE PERFORATED HOLES IN THE SIDE PANELS HAVE BEEN REMOVED FOR CLARITY. REFER TO TABLE ABOVE FOR CORRECT PANEL PLACEMENT</p>	 <p style="text-align: center;">FIGURE 6</p>
<p>Take center panel and attach to center of top using ¼-20 x ½" bolts and nylon locknuts. Use all holes punched on end of center panel to mount panel.</p>	 <p style="text-align: center;">FIGURE 7</p>

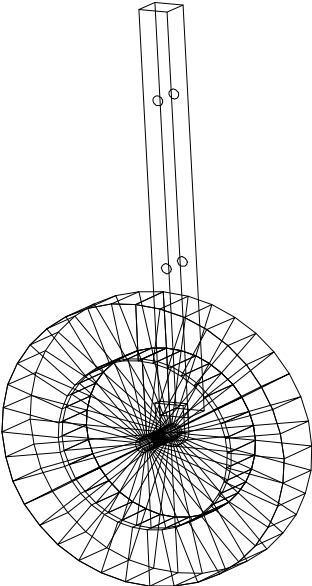
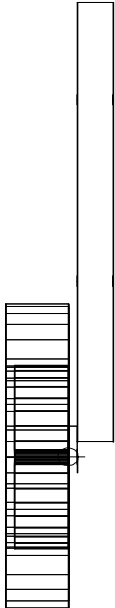
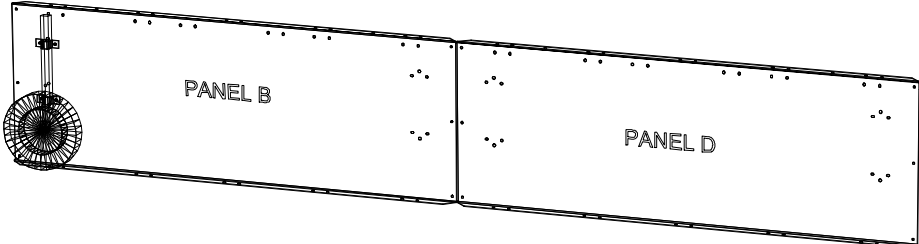
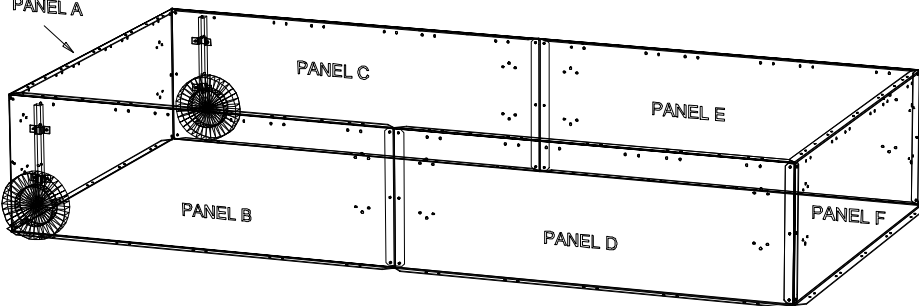
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Step	Figure (if needed)
<p>Locate stiffener angle brackets and attach as shown. Stiffener bracket attaches to hole in center panel and the center hole on one of the flat connectors and the side panel. See Arrows "A" in Figure 7. Attach using ¼-20 x ½" bolts and nylon locknuts.</p>	<p>See Arrows "A" in Figure 7</p>
<p>Insert ¼-20 x ½" bolts in the other open center hole in side flat connector and tighten with nylon locknuts.</p>	
<p>Repeat for other side.</p>	
<p>Attach narrow handles and stiffener angles to upper end panels.</p> <p>SEE FIGURE 8.</p> <p>The stiffener angle is attached at the same time as the handle to the upper end Panel F. The stiffener angle is attached using ¼-20 x ½" bolts and nylon locknuts and the handles are attached using ¼-20 x ¾" bolts and nylon locknuts.</p>	 <p>The diagram shows a perspective view of a rectangular panel labeled 'PANEL F'. Two long, narrow stiffener brackets are attached to the top edge of the panel. Two narrow handles are also attached to the top edge. Arrows point from the labels 'STIFFENER BRACKET' and 'NARROW HANDLES' to their respective parts. The panel has several small holes along its edges.</p> <p style="text-align: center;">FIGURE 8</p>
<p>Attach wide handles as shown.</p> <p>NOTE: THIS SHOULD BE DONE IN THE ABOVE STEP.</p> <p>SEE FIGURE 9</p>	 <p>The diagram shows a perspective view of a rectangular panel labeled 'PANEL A'. Two long, wide handles are attached to the top edge of the panel. A stiffener bracket is also attached to the top edge. Arrows point from the labels 'WIDE HANDLES' and 'STIFFENER BRACKET' to their respective parts. The panel has several small holes along its edges.</p> <p style="text-align: center;">FIGURE 9</p>

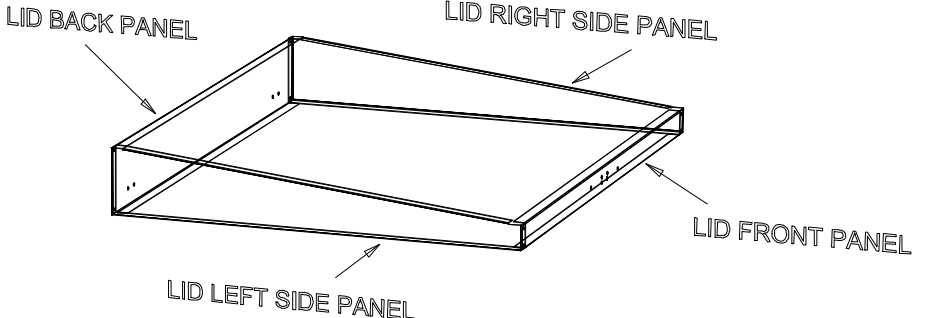
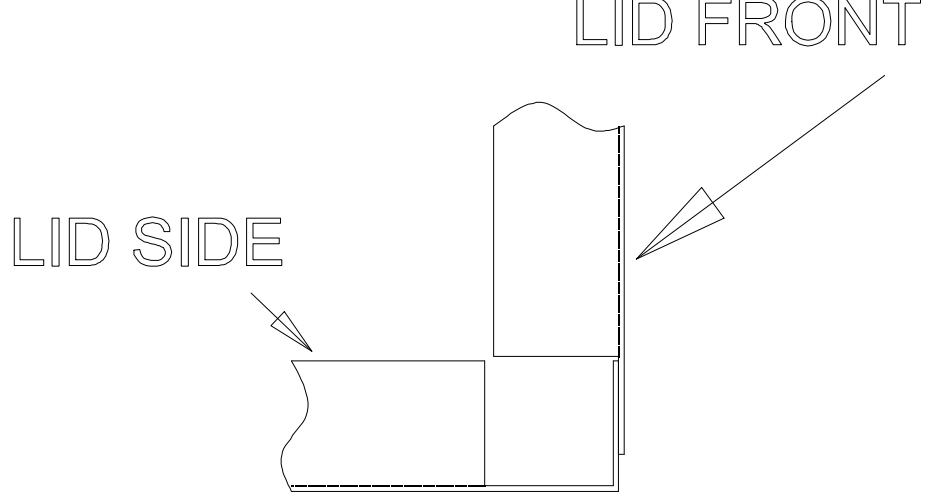
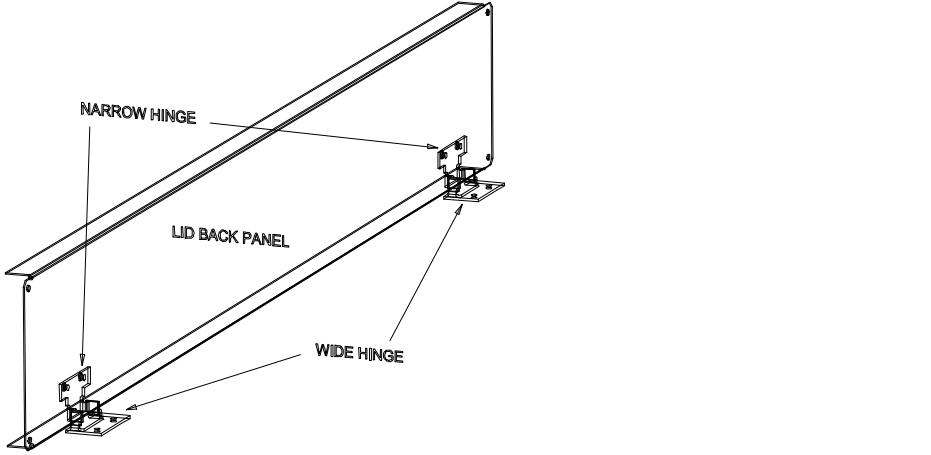
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Step	Figure (if needed)
<p>Attach wheel to 1" square wheel support tubing using a 1/2" x 3" bolt and place both 1/2" jam lock nuts on the bolt, tighten snug enough so wheel turns freely, but not over tight. If the wheel is loose you have not tightened the first nut enough.</p> <p>SEE FIGURES 10 & 11</p>	 <p>FIGURE 10</p>  <p>FIGURE 11</p>
<p>Attach the lower and upper wheel support brackets in place using 1/4-20 x 1/2" bolts and nylon locknuts. Be sure to place 1" square tubing wheel supports inside brackets with wheel to the outside when attaching.</p> <p>NOTE: ATTACH WHEELS TO OUTSIDE OF SHELTER</p> <p>SEE FIGURE 12</p>	<p>WHEEL SUPPORT MOUNTING LOCATION</p>  <p>FIGURE 12</p>
<p>When the wheels are mounted the shelter should look like the picture at the left.</p> <p>SEE FIGURE 13</p>	 <p>FIGURE 13</p>

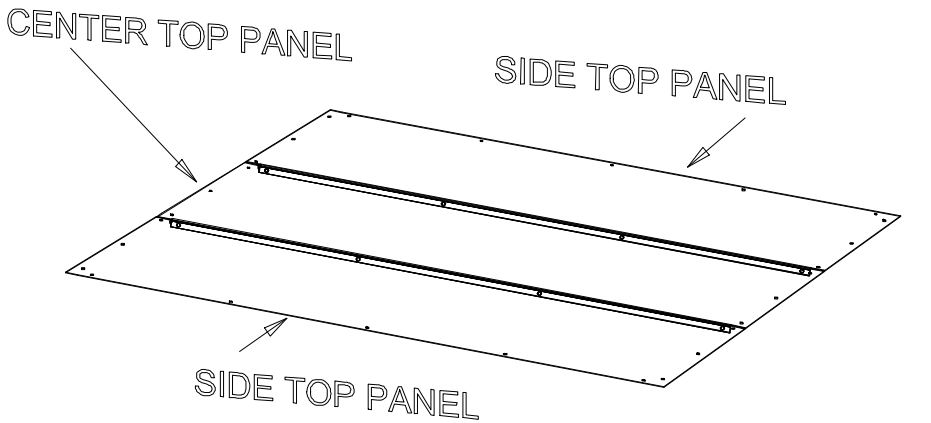
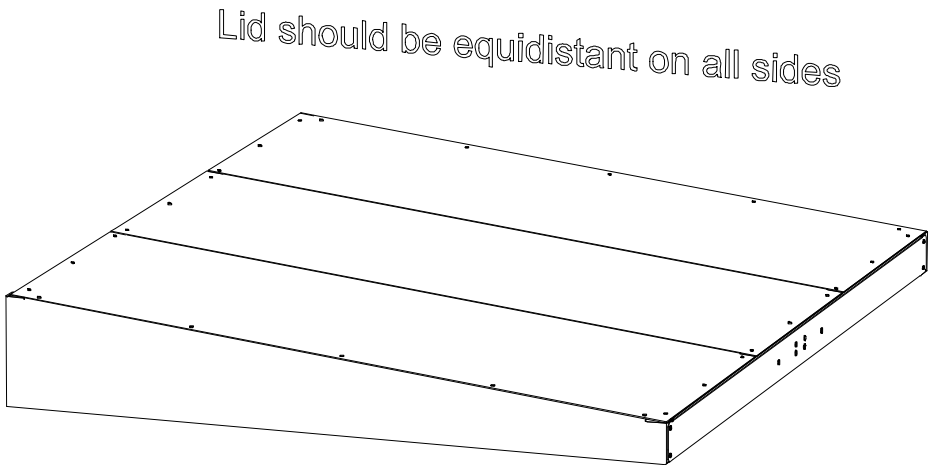
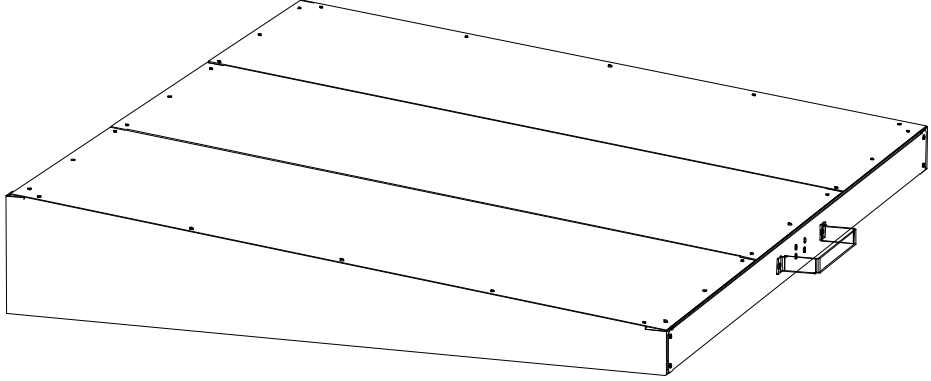
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Step	Figure (if needed)
<p>LID ASSEMBLY</p>	
<p>Separate all lid parts. There should be two left sides, two right sides, two front panels and two rear panels.</p> <p>SEE FIGURE 14 FOR PARTS IDENTIFICATION.</p> <p>NOTE: THE BENT FLANGES ARE TO BE PLACED TO THE IN SIDE OF THE LID AND THE HOLES IN THE REAR PANEL ARE TO BE ON THE BOTTOM.</p>	 <p style="text-align: center;">FIGURE 14</p>
<p>Attach the right side panel to the front and rear panels using the ¼-20 x ½” bolts and nylon locknuts. The front panel and the rear panel are placed to the outside of the side panels when attaching.</p> <p>SEE FIGURE 15</p>	 <p style="text-align: center;">FIGURE 15</p>
<p>Repeat for other side</p>	
<p>Attach the hinges to the rear panel as shown.</p> <p>NOTE: BE SURE TO ASSEMBLE ACCORDING TO FIGURE 16 FOR PROPER MOUNTING.</p> <p>NOTE: DO NOT TIGHTEN THE BOLTS ON THE HINGES AT THIS TIME.</p>	 <p style="text-align: center;">FIGURE 16</p>

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Step	Figure (if needed)
<p>Attach the three solid lid panels together using ¼-20 x ½" bolts and nylon locknuts. The double bent panel mounts in the middle between the two which are bent only once.</p> <p>Repeat for the perforated top panels</p>	<p>CENTER TOP PANEL</p> <p>SIDE TOP PANEL</p>  <p>FIGURE 17</p>
<p>Place lid panels on top of lid and align edges. It is important that the sides are square to the front and rear panels. To square you may use a carpenters framing square or an easier method is to align and attach one corner to the rear panel and then attach the lid to the rear panel all the way across using 1" long #10 self drilling sheet metal screws. Then square the sides to the top lid and fasten the top to the sides. Then attach the front to the top. If done properly there should not be any overhang of the top on the edges and the top should be equidistant on all sides.</p> <p>NOTE: WE HAVE PROVIDED WASHERS TO PLACE UNDER THE UPPER EDGE OF THE SOLID LID TOP AS AN AID TO VENTILATION. THE USE OF THE WASHERS ARE AT YOUR OWN DISCRETION.</p>	<p>Lid should be equidistant on all sides</p>  <p>FIGURE 18</p>
<p>Attach wide handles to lids using ¼-20 x ½" long bolts and nylon lock nuts.</p> <p>SEE FIGURE 19</p>	 <p>FIGURE 19</p>

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Step	Figure (if needed)
<p>Remove the clip and hinge pin from the hinges and attach Lower hinges on center panel using $\frac{1}{4}$-20 x $\frac{1}{2}$" bolts and nylon locknuts.</p> <p>NOTE: DO NOT TIGHTEN BOLTS AND NUTS ON HINGES YET.</p>	
<p>Attach lids to shelter by placing on top of unit and aligning hinge on center panel with hinges on lid. Insert hinge pin in hinge and secure with bridge pin. Tighten all hinge bolts after lid is aligned.</p> <p>NOTE: SOLID TOP MUST BE ATTACHED ON THE END OF THE WHEELS AND NEST BOXES OR FEEDER IF ATTACHED.</p> <p>FIGURE 20 SHOWS FINISHED SHELTER</p>	

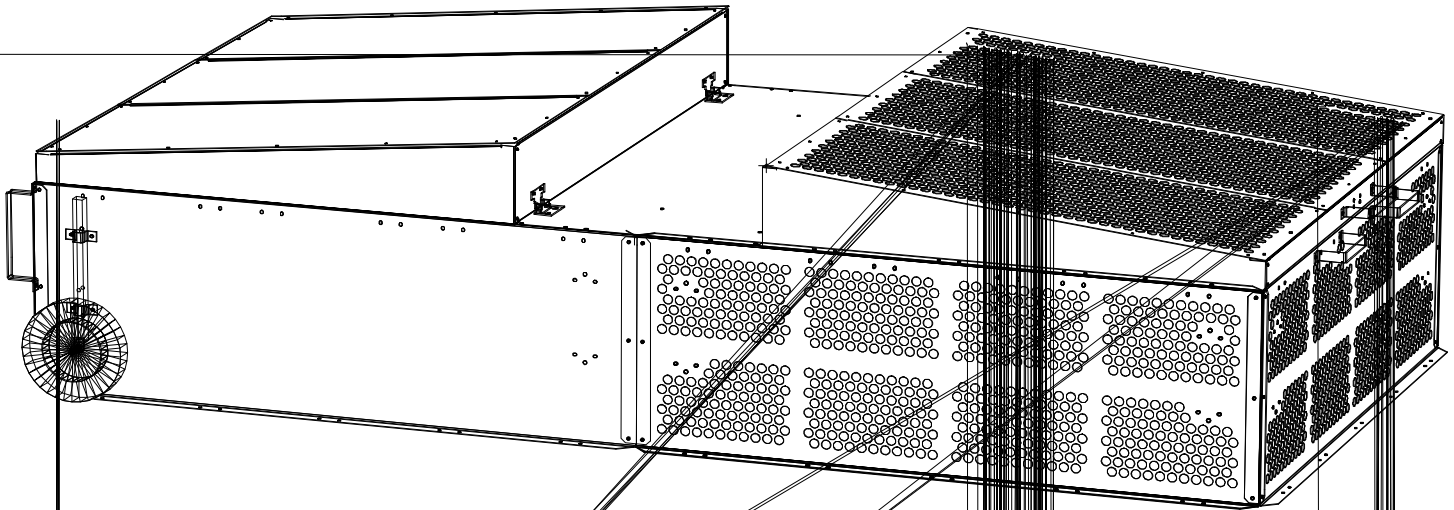


FIGURE 20

The figures at right are of protectors used in packaging, which are to be thrown away.

