

Accessories

Dry Freight Container 20'

Please read the instructions before starting construction.

When opening the kit you will notice the smell of burned wood. This is because the parts are laser-cut, which literally means a very tight light beam burns through the material. You may also notice some soot at the cut edges. The amount of soot depends on the material used. You can considerably reduce it by gently wiping at least the bigger and easy to reach edges with a soft cloth or household tissue.

PVA or equivalent glue will be required to glue parts together. Give glue enough time to dry. Wipe away any excess glue immediately using a fine cloth or the tip of a toothpick. A sharp hobby knife is needed to remove parts from the sheet. Be careful and always cut away from your body. Fine sand paper may be useful to clean these areas or any tight fitting joints. Clamps, pegs and elastic bands may help during the construction of the kit. Make sure that the parts are aligned correctly before applying any of these tools.

General pre-assembly preparations

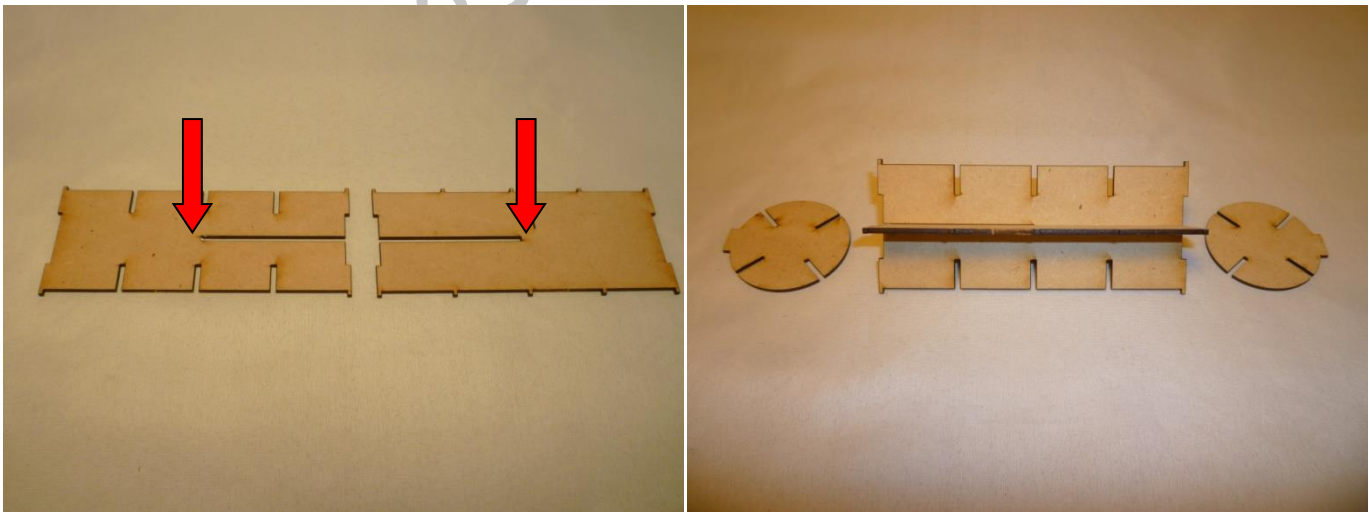
You will achieve the best results in finishing this kit when you follow the steps listed below. Always double check with the provided pictures before gluing parts together and moving on to the next step.

Please keep in mind that - in general - engraved sides of parts are considered "outside"; not engraved sides are "inside" or positioned less visible once the kit is finished.

Assembly

Start with the tank assembly. Slide the two pieces with the slots facing each other at a 90° angle. The end result is a cross or X-shaped structure.

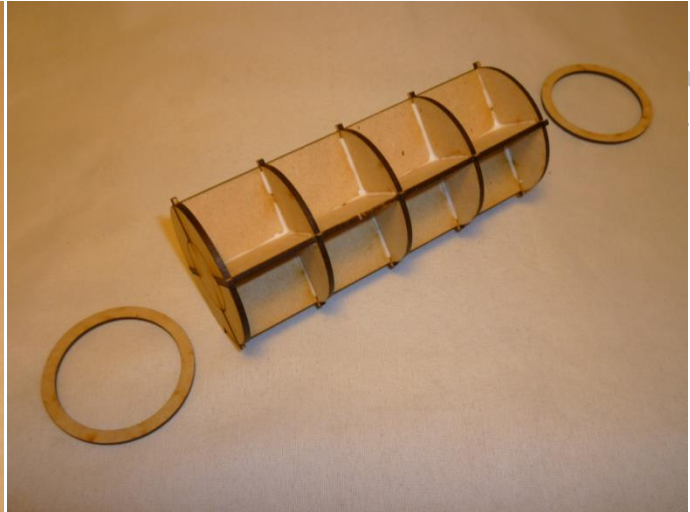
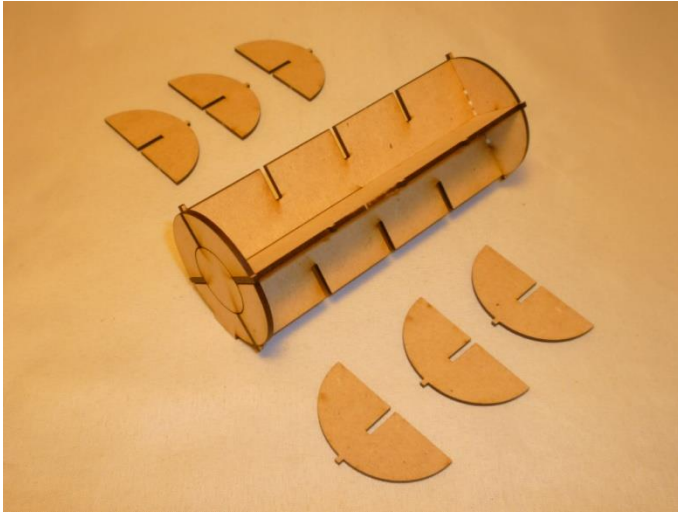
Glue the two end pieces on each side of the structure. **Make sure that the protrusions are facing in the same direction!** They will be needed to glue the completed tank into the container base.



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Add the 6 semi circles by sliding them into the slots as shown. Add the two circles to each endpiece.

Let the whole structure dry thoroughly!



Now comes the tricky part.

Only start with applying the hull of the tank when the main structure has dried completely!

Just take your time and don't rush this step.

A bit of patience will pay off in the end!

Slightly bend the hull piece into form by rolling over a curved object (e.g. soda can, bottle etc.).

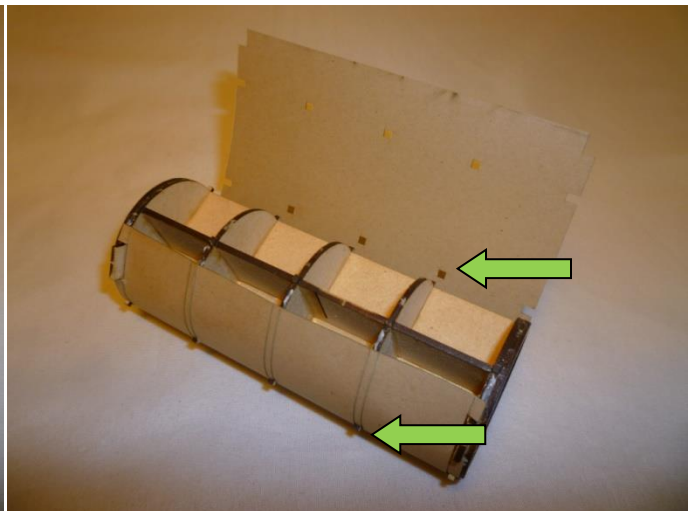
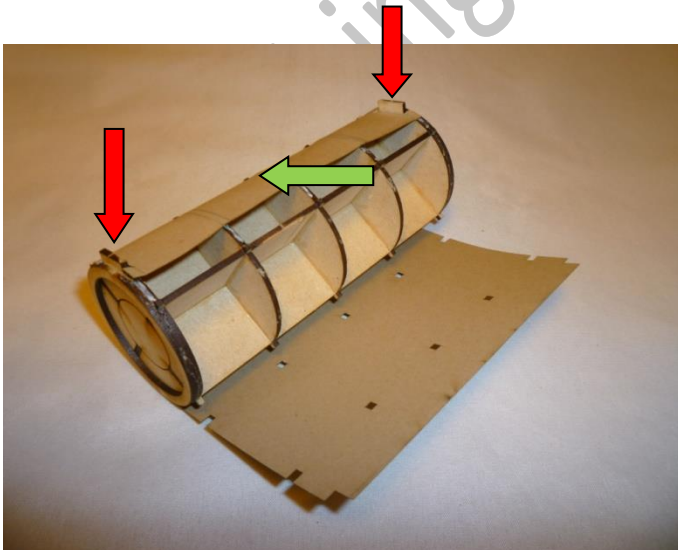
Do a dry run without using any glue first!

Find the side that fits over the two big protrusions that will connect the completed tank with the base (**red** arrows).

Carefully push hull piece over the row of smaller protrusions to keep it in place (**green** arrow).

Repeat this step until you have made it all around and end up slightly overlapping the start line of the hull piece.

Carefully take off the hull piece again.

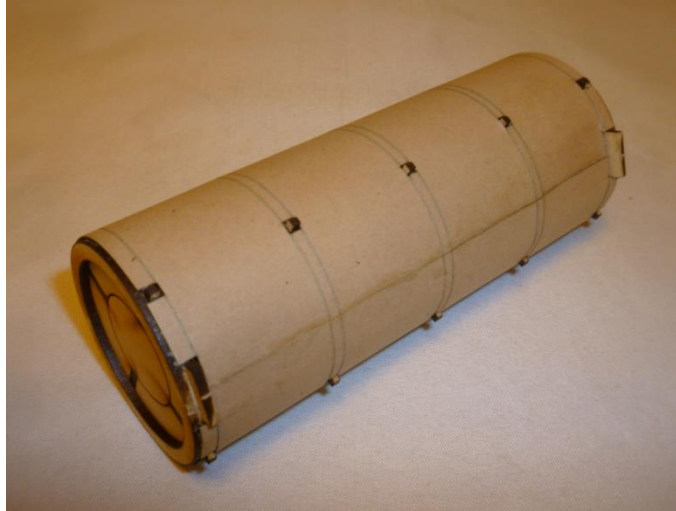




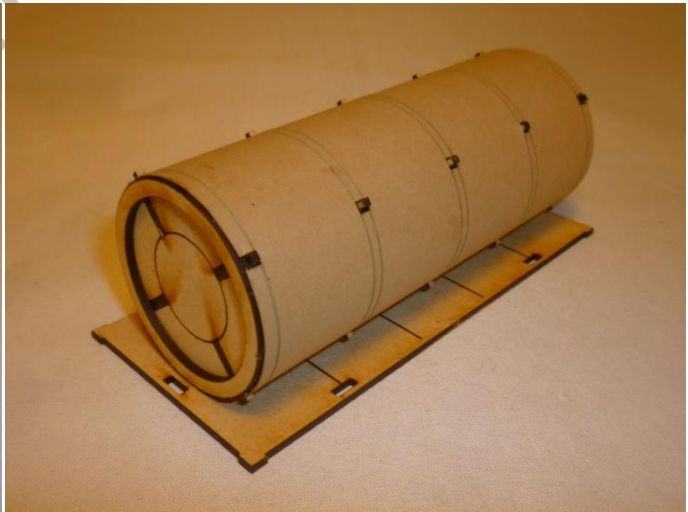
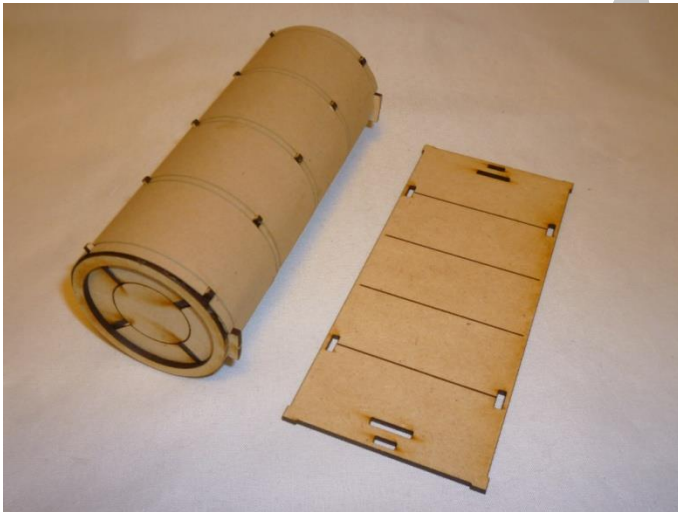
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Now that you have familiarized yourself with the way the tank is constructed start applying glue at the two big protrusions and the first row of small protrusions. Then add the hull piece exactly as you have done during the dry run. Carefully hold it in place until the glue has set. Don't apply too much pressure, just enough to keep it in place. After the glue has dried continue with the next row of small protrusions. Add some more glue, wrap hull piece around and hold in place. Repeat until you have reached the end and glue the overlapping hull pieces together. The seam will be covered by the container base when construction is complete.

Now set aside until completely dry!



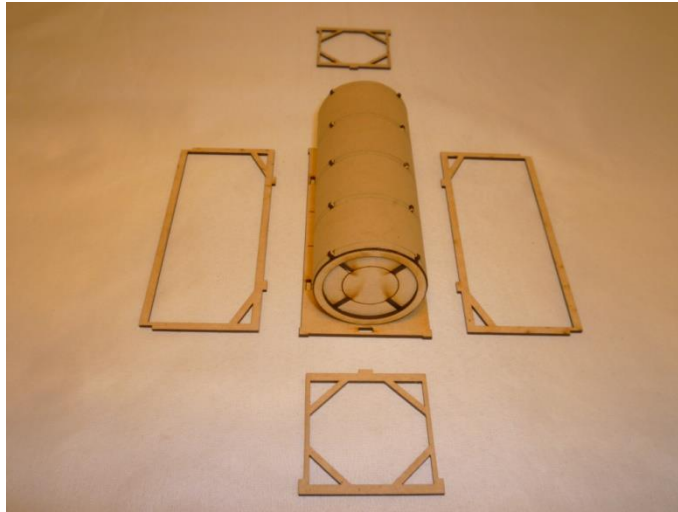
Finally glue the completed tank onto the container base. Make sure it sits at a right angle.





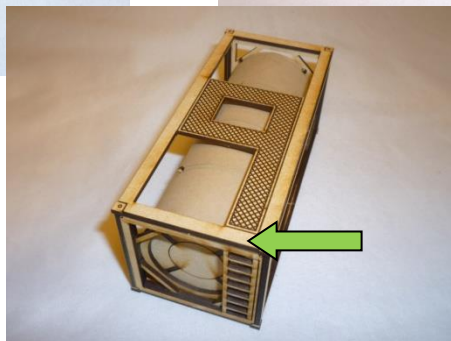
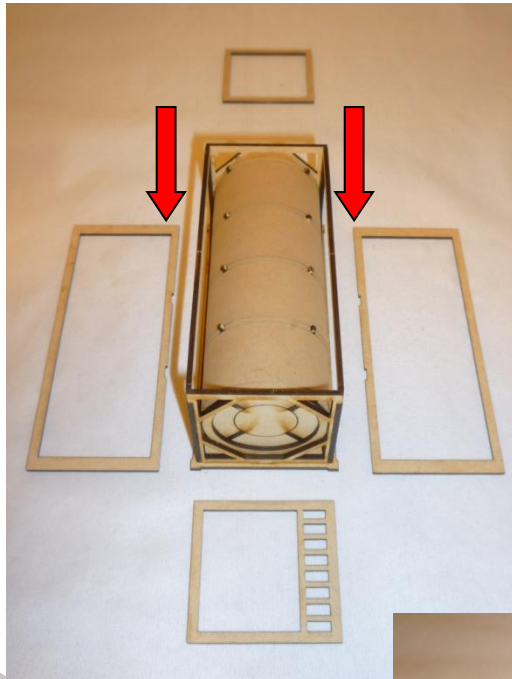
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Lay out the required parts as shown below. Start assembling the main body of the cage by gluing the two long walls into the base. Then add the two short walls.



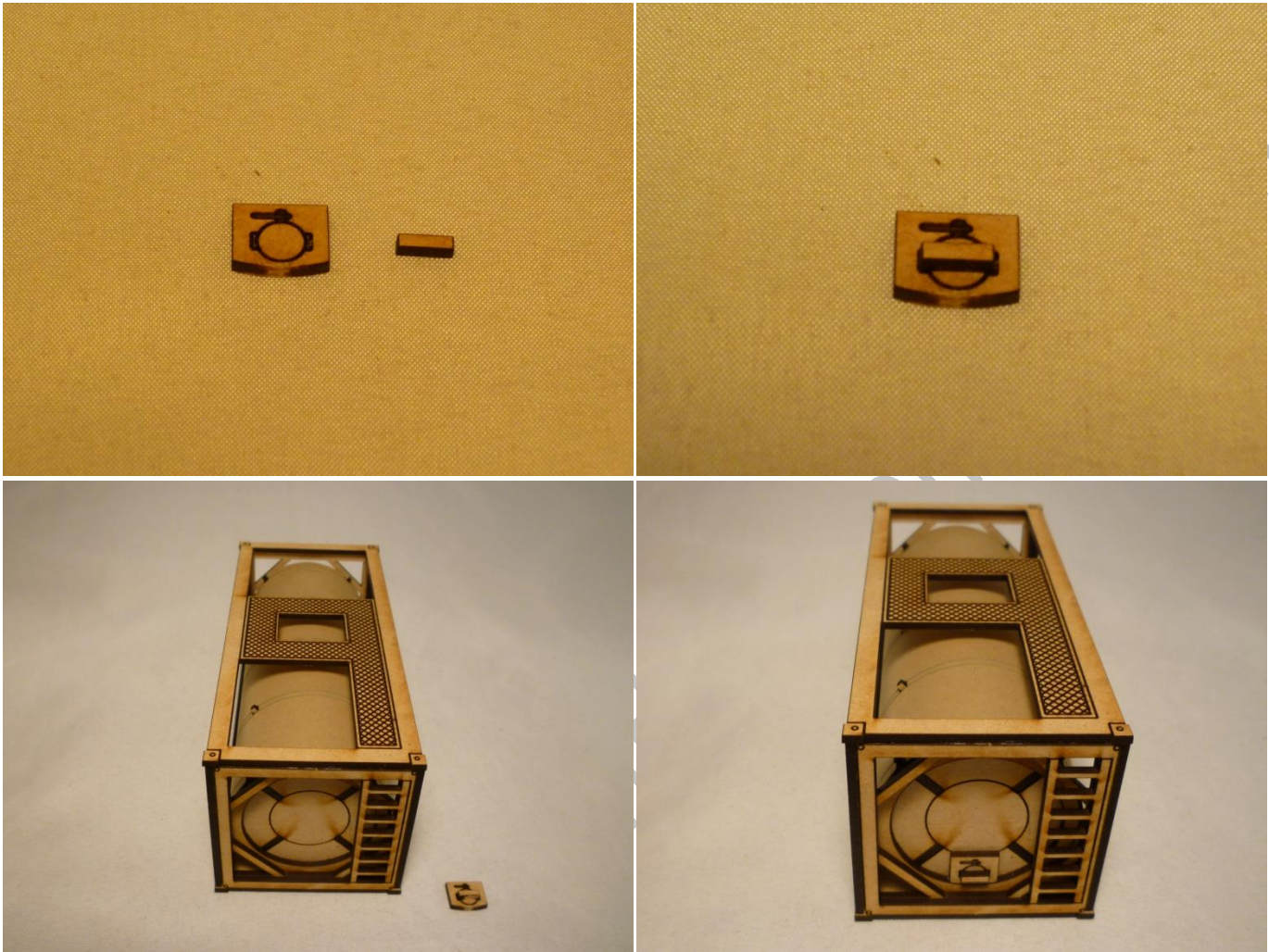
Add second layer of cage, starting with the two short wall pieces, followed by the two long wall pieces. Make sure to place the side with the small cutouts towards the base!

Finally add the top piece making sure the catwalk meets the ladder (green arrow)

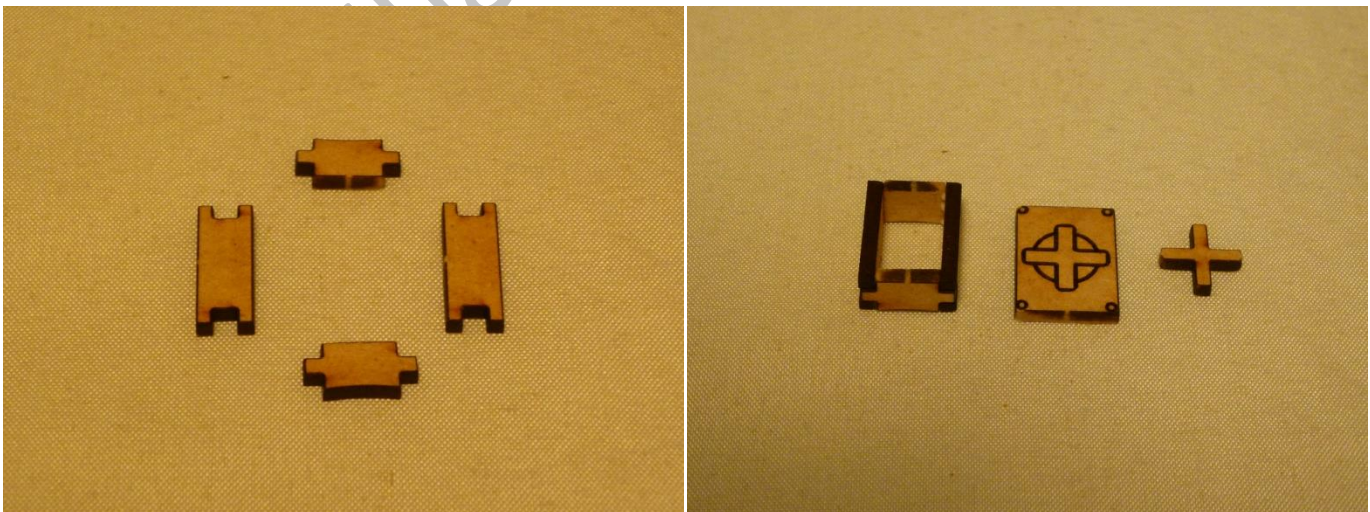


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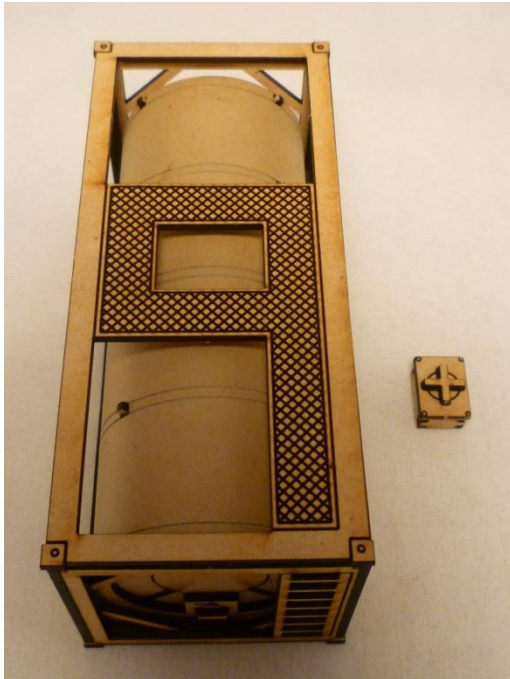
Assemble the tank outlet as shown and glue in place.



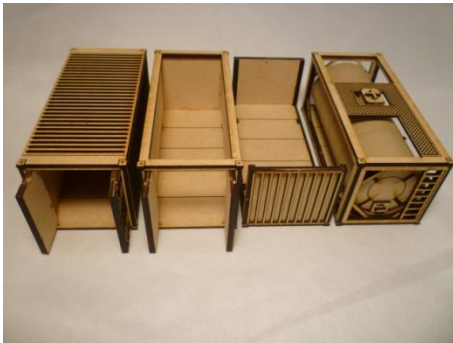
Assemble the filler hole as shown and glue in place on top of tank.



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More types of containers are available separately:



If you ever experience problems or difficulties in finishing this kit don't become desperate! Just send me an email at thingsfromthebasement@gmail.com and I will help you get it done. Having designed the kit and then providing an instruction for everyone to understand is probably the hardest part of the whole project. I am ready for every kind of feedback to improve kit and instructions. I just need to know!

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Photos of finished kit:

