

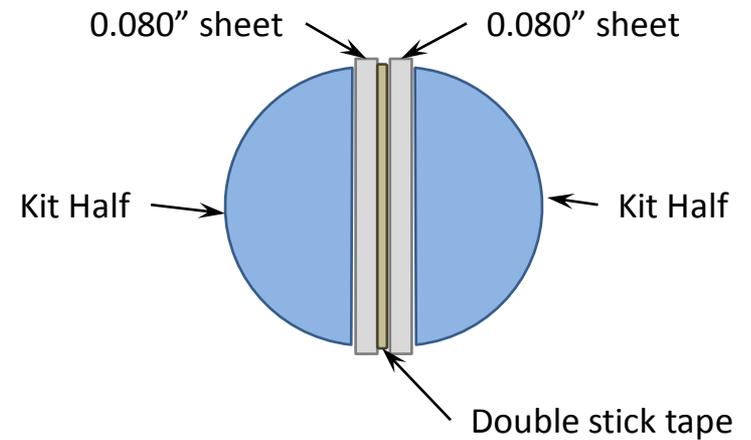
How to make a vertical seam P-47 drop tank



Ed Mate
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1. Pick out a 75 gal. teardrop shaped tank from a kit. I chose the Eduard P-51 Mustang kit for mine. I used the two bottom halves because there will be less filling of the kit supplied detail. The fill cap will be in a new location so there is no advantage to using the upper half. Remove the kit molded seam if it is on the parts you choose.
2. Cut two pieces of 0.080" thick plastic sheet – larger than the tank halves. Trim the edges of the sheet to be the shape of the tank, but slightly larger.
3. Glue a kit part to one of the sheet pieces; repeat with the other kit part and the other piece.
4. Using two sided tape (double stick tape), tape the two halves together, carefully aligning the top view and front view.
5. Carefully file and sand the sheet plastic to get a smooth egg-like shape.
6. Separate the two halves and remove the tape.



7. Using one half, trace the outline on a piece of 0.015" thick plastic sheet. The outline should be about 0.015" larger than the tank half all the way around the perimeter.
8. Cut out the shape from the 0.015" plastic sheet and clean up the edges, slightly rounding them in the process.
9. Glue each half of the tank to the 0.015" shape, carefully aligning the top view and front view.
10. Use a disk of plastic and a cap salvaged from a kit top half or from a photo-etch detail set to create the new filler cap.
11. Don't forget to plumb your tank with wire and modify the sway braces as needed for your subject.

