

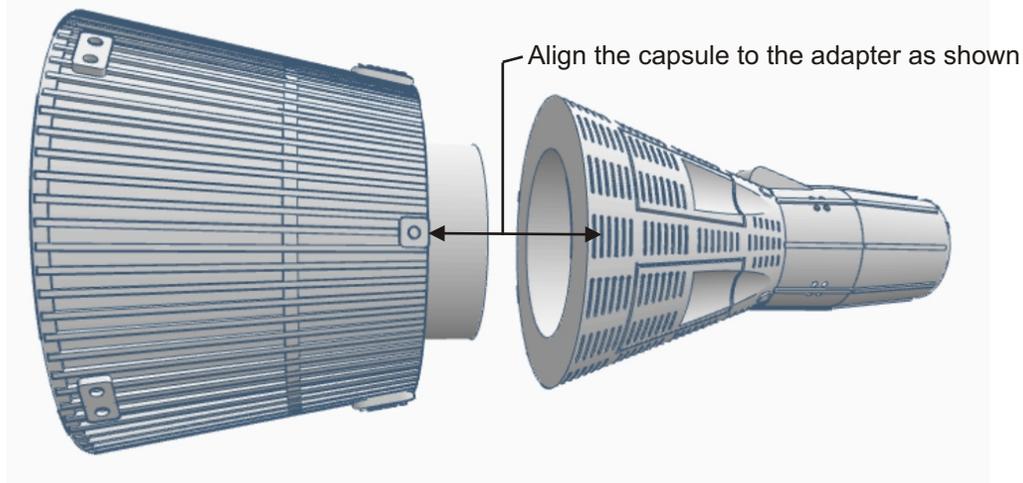
1/46th Scale Gemini Capsule Kit BT-80

Thank you for purchasing a Boyce Aerospace Hobbies BT-80 Gemini capsule kit. Please review the drawings below before gluing and assembling your kit

Start by sanding all parts with 220/400 grit sand paper either wet or dry (your preference). Test fit parts (before gluing) until you have a nice slide fit between all mating parts. Once the model is assembled, wet sand the model until smooth then spray one coat of grey automotive primer over the model. After the model is dry repeat the wet sanding and primer steps until you have a nice paintable surface. The primer will fill all the layer lines created by the 3D printing process. Detail the model using modeling resources on the internet (see backside of these instructions).

1

Sand the hole in the base of the capsule and the matching insert at the top of the capsule adapter section until you get a nice fit between the two pieces. Make sure to sand the base of the capsule flat using a sheet of sandpaper on a flat surface. Using super glue gel or plastic epoxy glue the capsule to the adapter section making sure to align the two parts as shown below.



2

Sand the coupler/shoulder until the shoulder is a nice slide fit in your BT-80 body tube. Determine the amount of nose weight you need to add to the capsule to insure a stable flight. Add nose weight using epoxy and small lead fishing weights or clay into the space provided in the capsule. Make sure you leave enough room to insert the coupler/shoulder completely. When the nose weight is dry glue the tube shoulder to the capsule section using either super glue gel or plastic epoxy.



3

Attach your shock cord as shown. Your Gemini capsule is now ready to paint and detail.

