

Problems with assembling the Bixler 1.1

It seems that Hobby King's quality assurance has slipped with this model. The main problem is that the wing spar and screws don't fit. Even if the model fits in your car assembled, it is important to be able to remove the wings in case of servo failure.

Faults

- The spar is very stiff in the tube.
- The spar has rough cut ends.
- There are lengthwise ridges on the spar.
- The foam intrudes into one end of the wing tube, usually the left.
- The wing screw holes don't line up.

Fixes

- Smooth the spar end with fine sandpaper.
- Sand off the ridges using fine sandpaper.
- Push the spar into the tube and rotate it. This cleans foam and marks the spar grey where it needs more work.
- Use a podger to line the holes up. I used a metalworking straight scribe.
- If that fails enlarge the holes in the wing ply disks to to 4 or 4.5 mm.
- Shave a mm or two off the end pads of each wing.