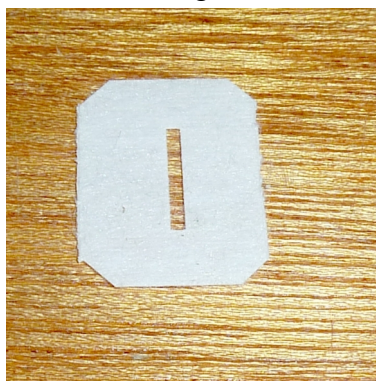


Cloth hinges

I usually use flat pinned plastic hinges but Mick showed me the results of his trial of cloth hinges. They are also called furry hinges. When I was assembling a Seagull Extra I replaced the supplied furry ones with pinned ones. However the Shiny also came with furry hinges. After looking at a youtube video, which is most unusual for me, I decided to give it a try. I couldn't see how the hinge wouldn't stiffen with the glue, but hey ho. I had a trial with a couple of pieces of scrap balsa and they hinged perfectly well next day.

And Mick was right. I used Hobby King thin CA and a fine plug-on spout (see pictures). After assembling the two surfaces I dripped three drops into each side of each hinge (both upper and lower sides). You put the hinge in so the slot goes into each part of the joint and allows the glue to flow in. The furry material has a strong capillary effect anyway. Push a pin through at mid-point to ensure it is equally in each part. Remove the pins before gluing of course.

And it worked. The movement is not quite as free as pinned hinges but more than free enough not to strain the servo. The other big benefit is that you assemble the surfaces then add the glue. So thanks for the suggestion Mick.



I have have now bought a bulk pack of spouts from AliExpress. 100 spouts for \$US4.14 plus postage. They were also ominously called catheters. Obviously you could make your own but at that price why bother? The end hardens up but you can snip it off a few times.

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