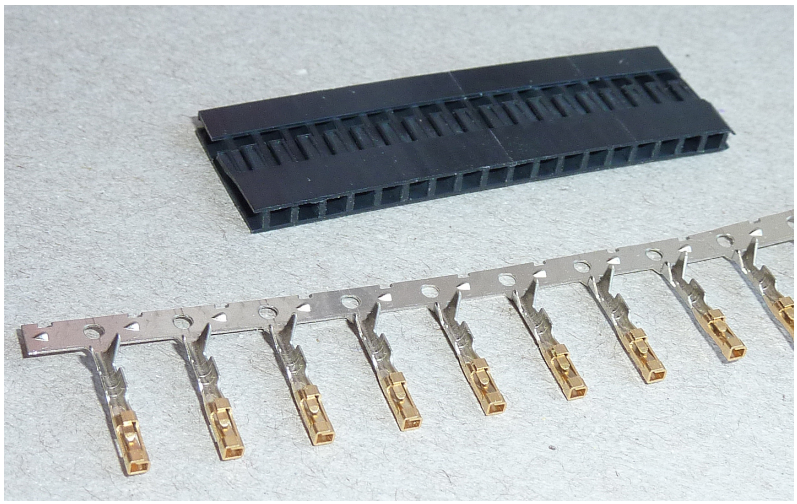
Self-powered servo tester

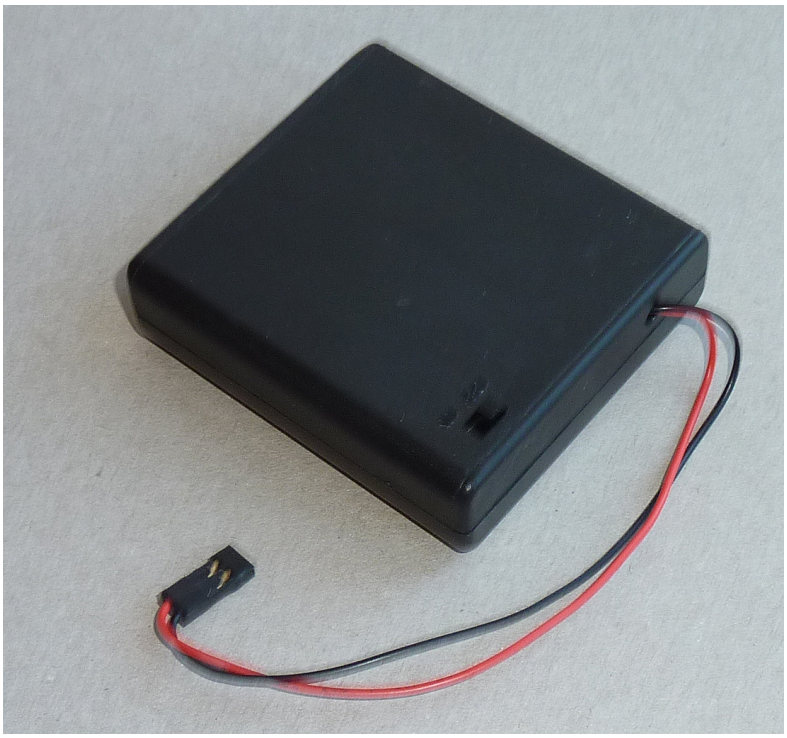
When I need to test a servo, or centre it before fitting the horn, I find it a pain to have to hunt down the tester followed by a spare ESC to provide the power. The markings on the tester give a wide range of input voltages, but I am not sure it reduces them to the safe voltage for the servo. I think I damaged one by powering with a 2S lipo.

I decided to power the tester with four NiMH AA rechargeables each of which gives 1.2V, so totalling a safe 4.8V. On eBay I bought a switched battery box for £2.14. I attached a crimp socket connector to each wire and pushed them into a two-way housing. I had these in stock but they can be bought on eBay. They are called one or more of the following: crimp DIL Dupont socket housing strip 0.1”. I found a boxed set of two hundred pins and sockets, with a range of housings, from 2 way up to 6, on eBay for £4.39. However it is from China so might not turn up.

Though crimping using needle pliers should be fine I always put a touch of solder on to be sure. You can either buy 2, 3, 4 or 6 way housings or cut off what you want from a long strip. Incidentally these are the connectors used for servos.



Crimp socket strip and housing.



Battery box

This shows the open box and velcro

I then stuck the tester from Hobby King onto the battery box with velcro.

Works a treat.

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