

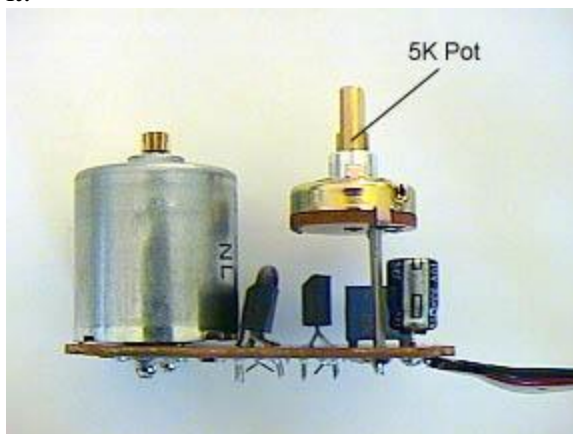


Modifying servos for continuous rotation

Need a cheap small motor with a esc?

Here is how you convert a servo. Go buy a cheap servo or use an old one, perhaps one with stripped gears.

Next remove the screws from the bottom and pull the thing apart. You should end up with a bunch of little plastic gears and a motor attached to a board with a pot attached to it.





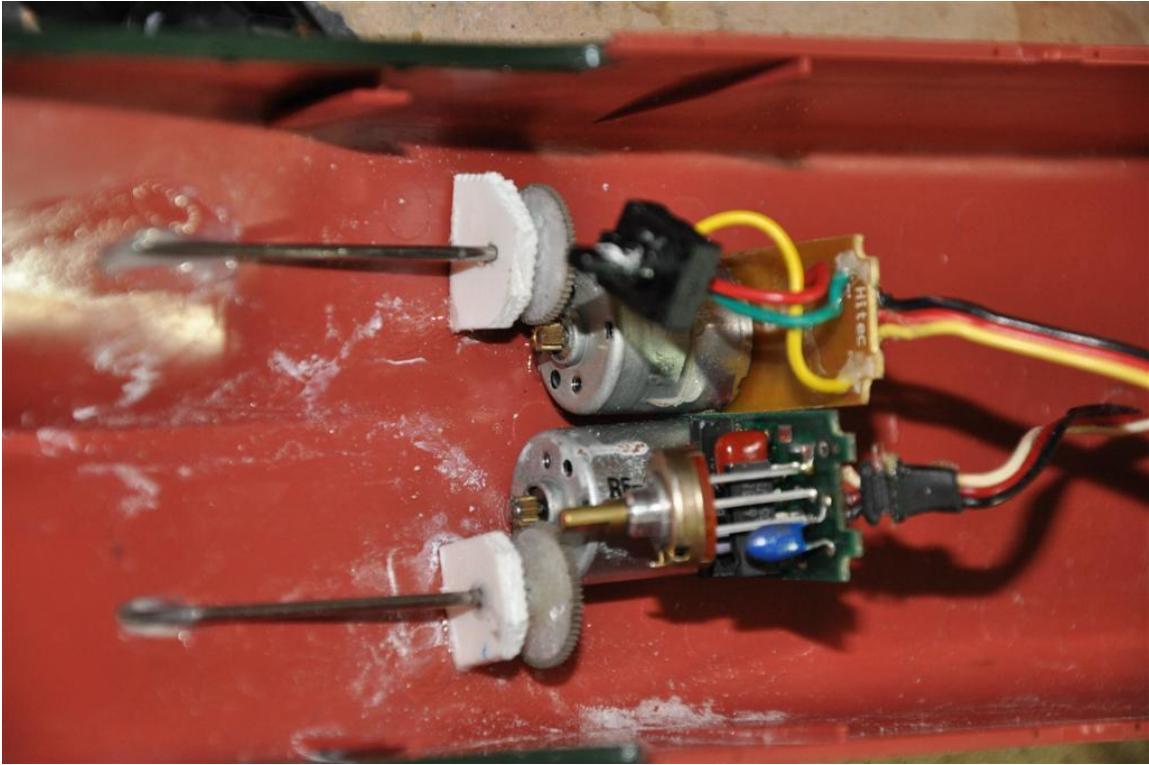
Believe it or not you are almost done. From here you can desolder the motors from the board and add leads or even replace it with a small 6v motor of your choice. Dont go to big or you will melt the little esc for the servo. They are not that big. Next plug the servo into a receiver with a radio and make sure all the trims are centered.

Now adjust the pot until the motor stops spinning and glue it in place.



Thats it your done.

And they can be used for lots of thing radar masts, drive motors etc. The best part is it comes with gears to make a reduction out of them.



It is also possible to remove the potentiometer and replace it with by soldering two 2.2 resistors in place.

You can also put the whole thing back into the case for ease of mounting.