

TIGER ON THE ~~TABLE~~/ STREET

Well another work session on the 1/8 tiger 1. The first job was to make a battery mount to fit the Harley Battery I purchased from The Harley shop clearance sale. £10 for a new old stile battery, lead acid which I would have liked to avoid but at that price it was just the job to prove the design.

Sitting it in the hull clear of all obstructions it was time to look in the scrap box. Some threaded bar from an old cheap clock turned out to be a perfect length, and 2BA. Drilling and tapping either side of the Battery, a strap for the top & some rubber underneath & I had the battery secured. The vent pipe being placed into the exhaust out of the way, eventually I will replace it with a sealed battery if it all works satisfactory.

Next fit the Speed Controllers. These are held in place on an Alloy shelf with double sided tape. A large terminal block for the battery leads & a 4 way car fuse holder. The speed controllers are rated at 40Amp the motors should draw 20 Amp on full load (if I remember my Ohm's Law). At £70 a piece I erred on the cautious side and fitted automotive blade fused rated at 30Amp.

Now for the fun part after reading the instructions for the Radio receiver & speed controllers over the last month & thinking I might just understand the jargon (blue LED to get it to talk to the Remote control, blue flashing on/off to set type of battery, press & hold speed controller button move joy stick to set motor limits ETC). It was time for the big switch on! In with the fuses and switch on the Speed Controllers one of which supplies regulated power to the receiver.

LED's light up & the tank starts to creep forward? A slight adjustment to the trim slides & it stood still "strange" I hadn't done any of the setting up the instructions said needed to be done! Nothing ventured so I operated the control joy sticks & off it went forwards & backwards under complete control. None of the setting up I've been worried about being required?

Now a road test out the door, down the street & back (another silly old git playing with toy's) some manoeuvres in the driveway shows the RH track will need adjustment but all in all its working as it should. Time to put it away & find out how well it climbs into the house, its grown that heavy it's going to have to do it on its own! Anyway it climbs in the back door with no problem through the kitchen missing the fridge & on into the conservatory its temporary home. Switch of the electronics, pull the fuse's & plug in the charger (well Tigers are supposed to be heavy on fuel)

Next job fit another speed controller for the gun elevation 10 Amp should do for that one. Number it up for Will Fey's Tank Normandy 44, 88 confirmed kills, don't think I'll paint all the victory rings on the barrel.

Then for the turret motor I need a gear for the turret base max diameter under 226mm with internal teeth about 180mm diameter & drive gear. I have the design roughed out & I'm sure there must be something I can use, so if any members have any ideas please let me know



Battery Mount



Battery in Place



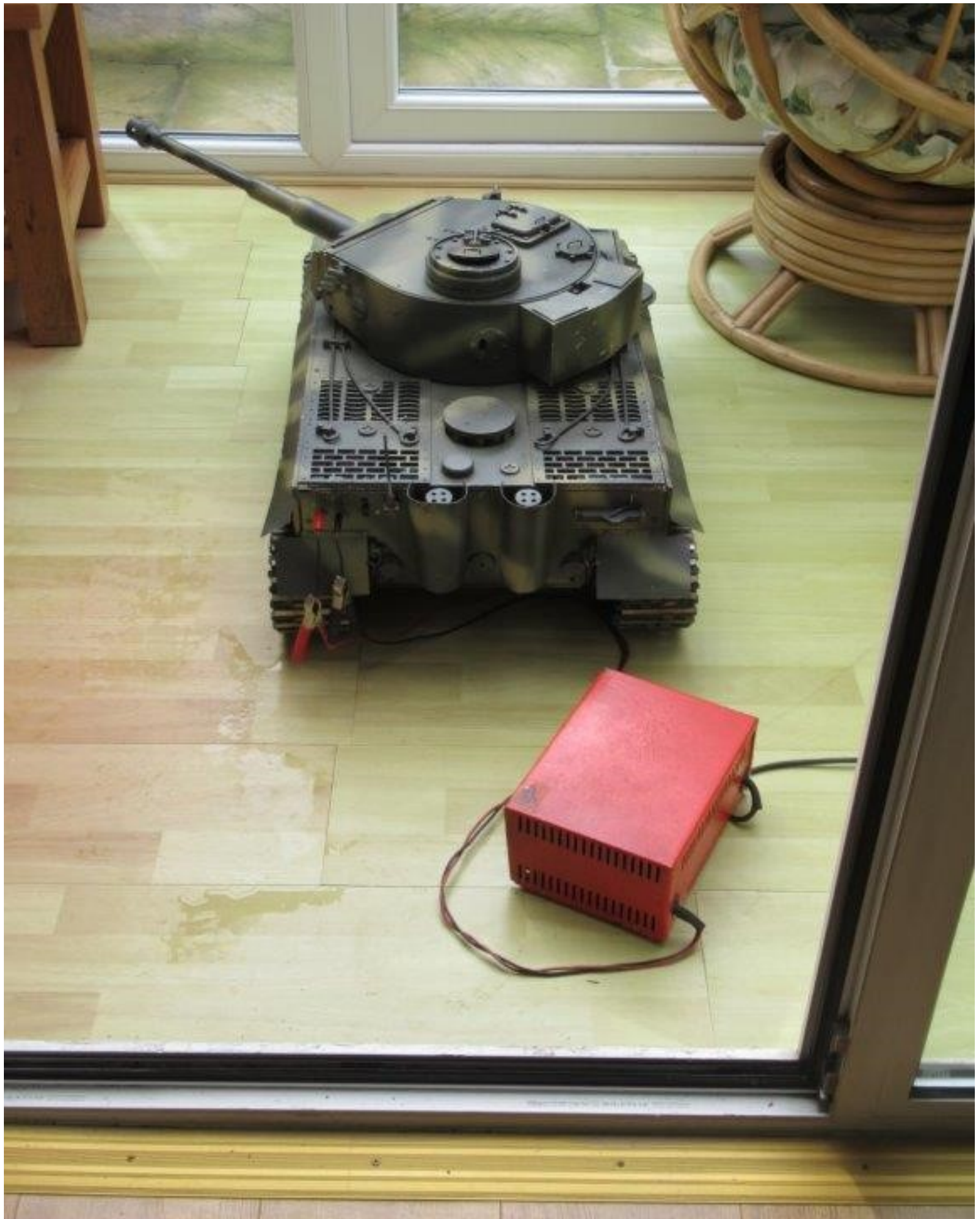
Speed Controller and Fuse Holder Wired Up



First Run



Climbs Into the House



Refueling, these Tigers are thirsty.

