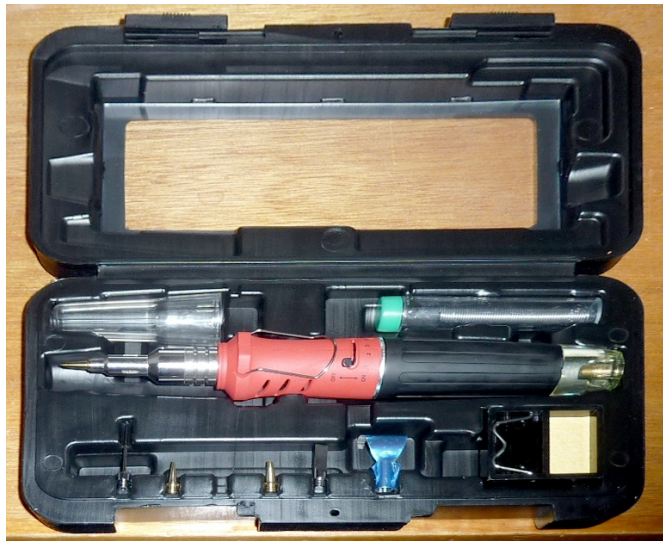


Top tip: Soldering XT90 connectors with thick wire

I like XT connectors especially the newer ones with a push on shroud. Now I am using larger motors I have switched to XT90. I found that my 100W soldering gun was bit marginal so bought a 175W one. This proved fine for wire up to 14awg but could not heat up the connector and 12 or 10awg wire enough to make a good joint.

A club colleague suggested I try a gas iron. So I bought Renmei HS-1115K on eBay for £22.48. This came with a wide range of bits and scrapers as you see from the picture. I experimented with an XT90 mounted in a holder and the thickest wire I could find. As you see the joint was well made. And of course I can take the iron to the flying field in case I need to repair a joint. I probably won't be able to buy replacement bits but the iron won't get that much use.

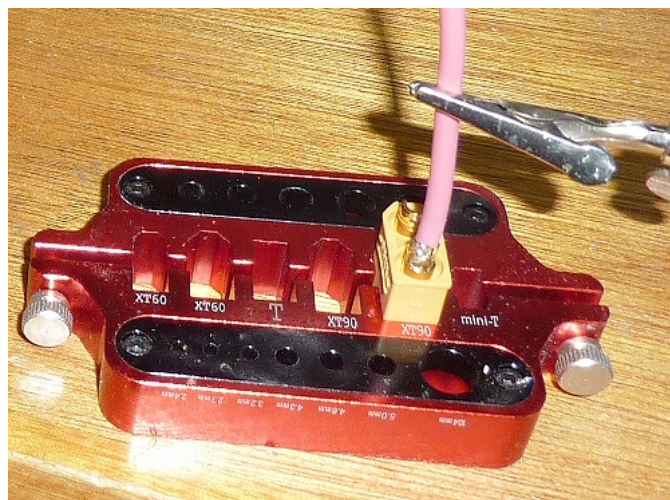
Complete set



Iron



12awg wire in place for soldering



Soldered joint



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