
Subject: Re: Soldering with Shaky Hands
Posted by [gstarey66](#) on Sun, 19 Jan 2014 17:57:54 GMT
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Hello there,

One other comment about soldering.

If you want 100% success, minimum problems and maximum connection strength and conductivity - you need to try to get a good mechanical connection going BEFORE you apply the solder.

This means wrapping the wire at least part way around connector or when poking components thru a circuit board, bending the leads some so the part will stay by itself and not fall out.

Most bad solder joints come about because things move out of alignment while the joint is being soldered. A good mechanical connection prevents this problem and insures a good connection.

Learned this in both NASA and Mil Spec Hi Reliability Soldering classes. Have not had a joint of mine fail in 20+ years now, so feel this approach works quite well.

FWIW,
Greg
