



BEGINNER'S HOW TO SOLDER

LARA CLUB MEETING JUNE 16, 2018

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SOLDERING TUTORIAL FOR BEGINNERS

- Let us watch this YouTube 4 minute video as we know a picture is a 1000 words.
- <https://www.youtube.com/watch?v=Qps9woUGkvl>

SOLDERING TUTORIAL FOR BEGINNERS

- Here is another excellent 6 1/2 minute video for us to watch before we get into our soldering.
- <https://www.youtube.com/watch?v=oqV2xU1fee8>

THINGS TO REMEMBER WHEN SOLDERING

- Have your iron at the proper temperature.
- Keep your tip clean.
- What you are soldering must be clean.
- Apply solder to tip before applying to what you are soldering.
- Apply heat to the larger component of what you are soldering allowing heat to transfer to the smaller component.
- When enough solder has flow on joint lift solder away before iron.
- Lift tip of iron up away from joint when joint is complete.
- Solder connection should be bright, shining and smooth flow. No holes or globs.

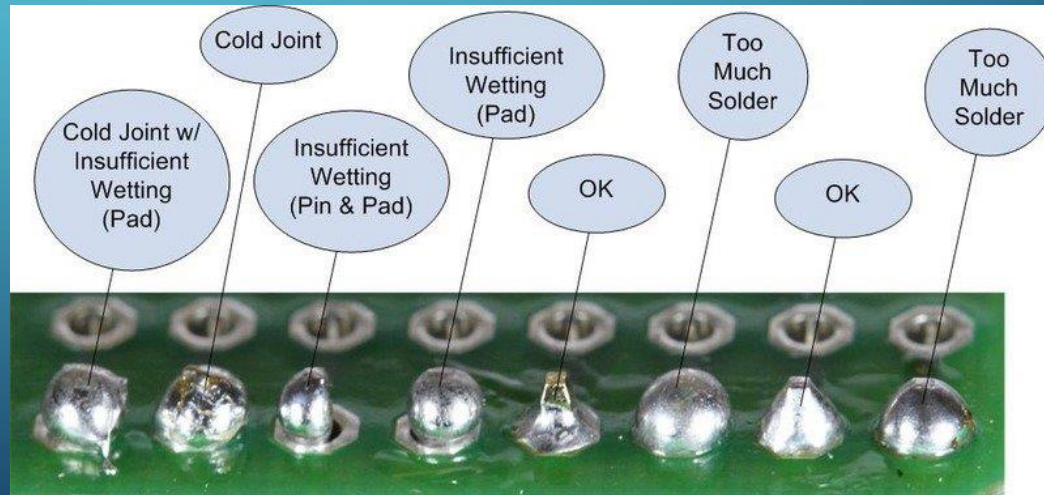
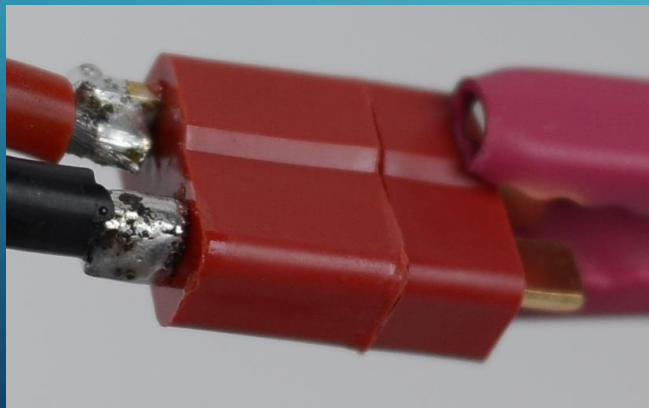
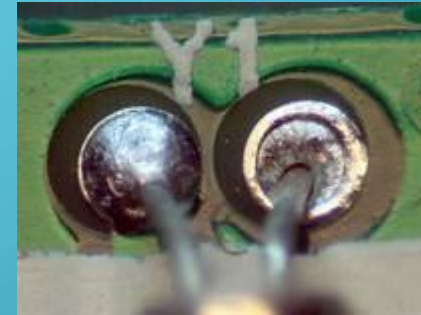
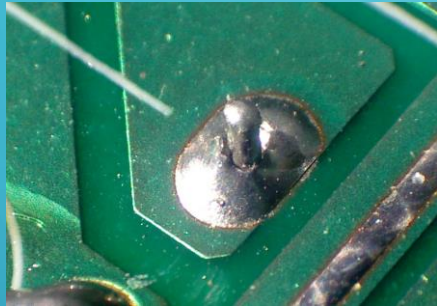
NEXT STEPS

- Practice, practice and then practice some more.
- Remember that it is an art. You will learn when it is the right temperature before you apply the solder, how much solder to allow to flow and when to pull the iron away at the right angle and the right time by only practicing with all the different types of metals and size. Then by doing it over and over until it becomes second nature for you.

LET US START SOLDERING

- Remember these TIPS.
 - Iron is at the correct heat.
 - Tip is clean and your sponge is wet.
 - What you are soldering is clean.
 - Tin the tip of your iron before trying to solder joint.
 - Heat the larger component first allowing heat to transfer to smaller.
 - After heat is applied to component you can apply the solder by placing on component not tip of iron.
 - You want the solder to flow smooth and not ball up.

SOME BAD SOLDER JOINTS



SOME GOOD SOLDER JOINTS

