

Preparation

Batteries are the powerhouse of the bot, essentially the mitochondria. Crimping and managing these batteries are essential to a successfully running robot that supplies power as it should.

I take heavy reference from the Zebracorns (Team 900's) Battery Paper.

1. Cutting out the battery wire is essential, and we plan on using 12 inches of battery wire for two-gauge wire to ensure strong connectivity.
2. From there, the wire must then be stripped and crimped unto the lug crimp to ensure connection.
3. You will also need to crimp the other end of the battery wire for it to be put into the SB Connectors.

Finally, the connection to the terminal...

1. Use of any washers can reduce energy transfer and we usually cover our terminal connection with electrical tape and heat shrink.
 1. You know your battery isn't working optimally if it shows visible signs of poor connection to the terminal.
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