

# WHAT YOU WILL NEED

1 Battery Connector



2 Connector Crimp Terminals



2 pieces of wire approx. X\* long



2 Battery Tab Crimp Terminals



4 strips of 3/16" Heat Shrink Tubing



## Access to...

Wire Strippers

Crimpers

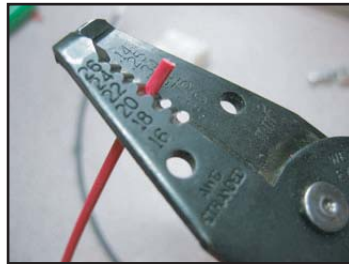
Heat Gun

Soldering Iron

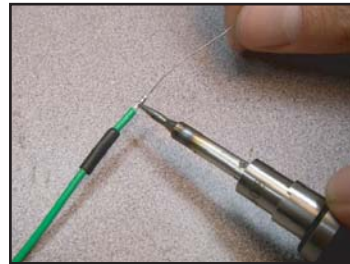
\*X > distance from your battery mount to your control box mount.

## 2.007 HOW TO

# BATTERY CONNECTOR



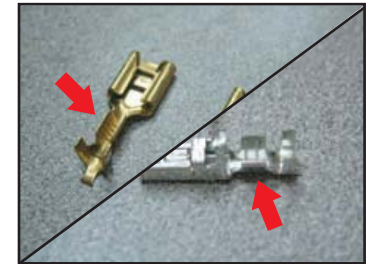
**1** Strip approx. 1cm of wire insulation off both ends of the wire using 20 setting on stripper.



**2** Put 2x heat shrink onto each wire. Tin both ends of the wires as shown.



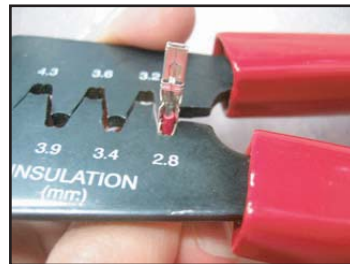
**3** A tinned piece of wire looks like this.



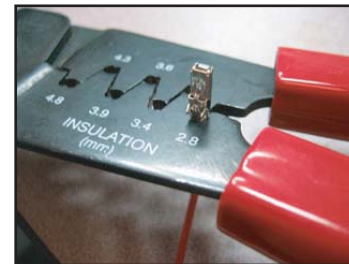
**4** Tin the insides of the battery tab connectors and connector terminals where indicated.



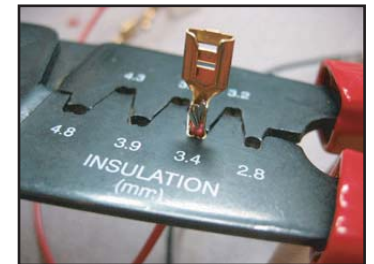
**5** Solder by pressing the wire and terminal together with soldering iron. One of each terminal type per wire.



**6** Crimp lower tabs of terminal over insulation part of wire using 2.8 setting on crimper.



**7** Crimp upper tabs of terminal over stripped part of wire using 2.8 setting on crimper.



**8** Crimp lower tabs of terminal over insulation part of wire using 3.4 setting on crimper.



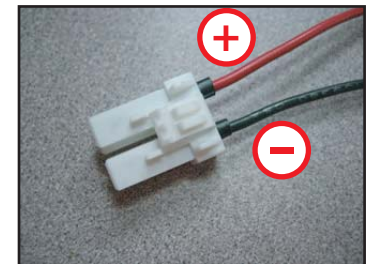
**9** Crimp upper tabs of terminal over stripped part of wire using 2.3 setting on crimper.



**10** Crimped terminals should look like this.



**11** Using a heat gun, "shrink" heat shrink around area where wire is soldered onto terminal.



**12** "Plug" connector crimp terminals into connector.