**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.

**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 crimper terminals into connector.