2.007 HOW TO

WHAT YOU WILL NEED

- 2 Motor Connectors
- 8 Connector Crimp Terminals
- 8 pieces of wire approx. X long
- 8 strips of 3/16” Heat Shrink Tubing

Access to...
- Wire Strippers
- Crimpers
- Heat Gun
- Soldering Iron

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

Tin both ends of the wires as shown.

A tinned piece of wire looks like this. Put 1 piece of heat shrink onto each wire.

Tin the insides of the connector terminals where indicated.

Solder by pressing the wire and terminal together with soldering iron. One terminal per wire. Add solder if necessary.

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

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

Crimped terminals should look like this.

Using a heat gun, “shrink” heat shrink around area where wire is soldered onto terminal.

“Plug” connector crimp terminals into connector. Adjacent hole pairs = 1 motor.

Tape connector leads to motor leads and test with control system. Swap leads if necessary.

Solder connector lead with corresponding motor lead. Heat shrink over solder joint.

*X > distance from your motors to your control box mount.