

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

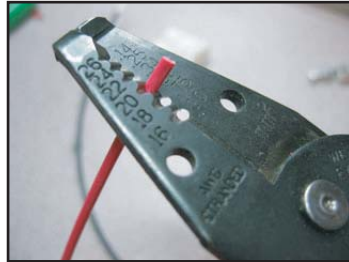


Access to...

- Wire Strippers
- Crimpers
- Heat Gun
- Soldering Iron

2.007 HOW TO

MOTOR CONNECTORS



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



2 Tin both ends of the wires as shown.



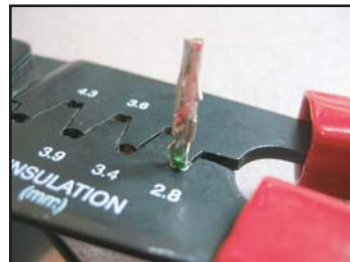
3 A tined piece of wire looks like this. Put 1 piece of heat shrink onto each wire.



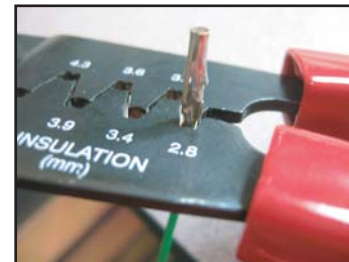
4 Tin the insides of the connector terminals where indicated.



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



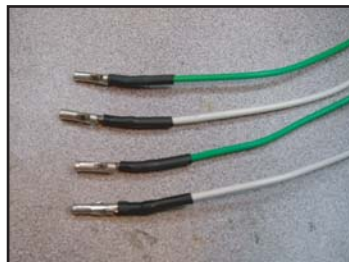
6 Crimp lower tabs of terminal over insulation using 2.8 setting on crimper.



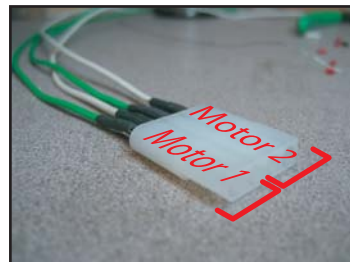
7 Crimp upper tabs of terminal over stripped part of wire using 2.8 setting on crimper.



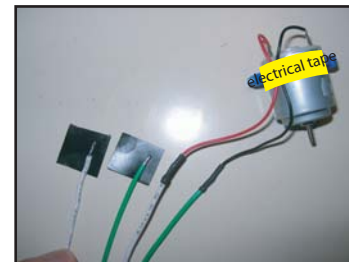
8 Crimped terminals should look like this.



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



10 "Plug" connector crimp terminals into connector. Adjacent hole pairs = 1 motor.



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



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

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