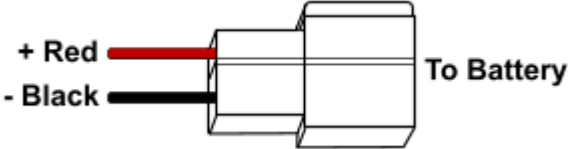
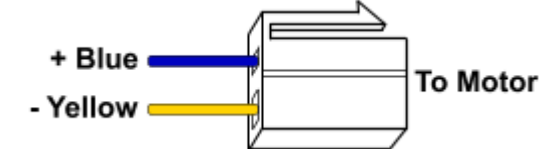
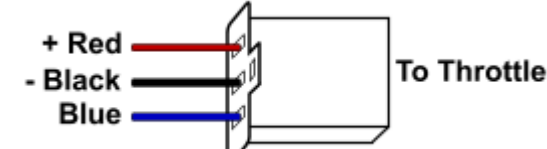
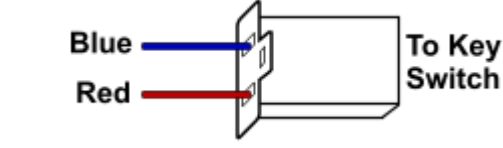
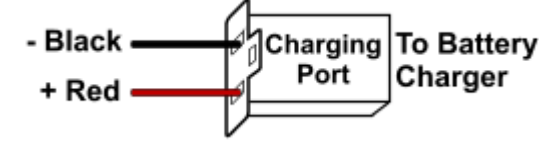
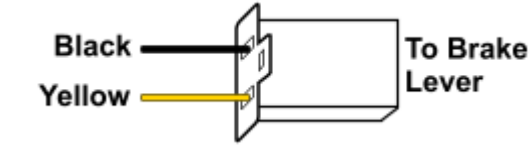
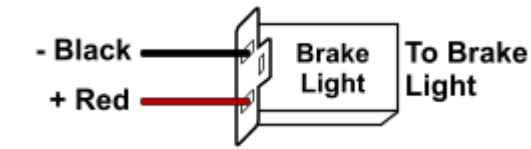



Under Voltage Battery Protection: When the battery pack falls below a specific Voltage the controller turns the motor off preventing over discharging of the battery pack which extends the battery packs lifespan. (The cutoff value is 20 Volts \pm 0.5 Volts)

Motor Cut-Off During Braking: When the brakes are engaged the brake switch signals the controller to turn off the motor. The motor turns on again after the brakes are released.

| | |
|---|--|
| <p>*Power Connector Red = Positive Black = Negative</p> <p>Mating Connector Item # CNX-50</p> |  <p>Required Connection</p> |
| <p>Motor Connector Blue = Positive Yellow = Negative</p> <p>Mating Connector Item # CNX-50</p> |  <p>Required Connection</p> |
| <p>Throttle Connector Red = + 5V Output Black = Ground Blue = + 1-4V Input</p> <p>Mating Connector Item # CNX-52</p> |  <p>Required Connection</p> |
| <p>Key Switch Connector</p> <p>Mating Connector Item # CNX-51</p> |  <p>Required Connection</p> |
| <p>Battery Charger Connector Red = Positive Black = Negative</p> <p>Mating Connector Item # CNX-51</p> |  <p>~Optional Connection</p> |
| <p>Brake Lever Switch Connector</p> <p>Mating Connector Item # CNX-51</p> |  <p>~Optional Connection</p> |
| <p>Brake Light Connector</p> <p>Mating Connector Item # CNX-51</p> |  <p>~Optional Connection</p> |
| <p>Power Light Connector</p> <p>Mating Connector Item # CNX-51</p> |  <p>~Optional Connection</p> |

*The power connector should be the last connection made.

*Fuse or circuit breaker protection is required between speed controller and battery pack.

~Optional Connections do not need to be hooked up for the speed controller to operate.

Note: Color of wires may vary depending upon the Manufacturer, refer sticker on connector.

