FAQ - FREQUENTLY ASKED QUESTIONS

Can the dual controller be used for a rider and a passenger at the same time?

No. While dual controllers are designed for multiple pieces of heated clothing it is limited to combinations like a heated liner (8 amps) plus heated gloves (2 amps). Since each heated liner draws 8 amps, two liners would draw 16 amps - from the same power outlet and dual controller. 16 amps exceeds the 15 amp outlet maximum limit and the 14 amp dual controller limit.

Are Powerlet connectors compatible with "BMW-type" and John Deere connectors?

Yes. Powerlet plugs and sockets are also compatible with factory connectors found on Ducati, Triumph, KTM, Indian and Victory motorcylces. Powerlet connectors are also compatible with John Deere connectors.

Are Powerlet connectors the same as cigarette connectors?

No, however, Powerlet products offer many different styles of adapters to plug a cigarette-type connector into a Powerlet socket.

What is the polarity of a Powerlet connector?

The center terminal is plus. The outer ring is ground.

How do I mount a Powerlet Socket in a plastic panel?

The lid of the socket is about the size of a quarter, the panel must be relatively flat. Powerlet sockets require 1.75 inches of clearance behind the panel. This depth can be reduced to 1.45 inches by using one of our spacers. Drill an 18mm hole into the panel and 11/16 inch hole saw saw or Unabit is recommended. Do not use a flat wood drill bit. This will drill an egg shape hole. Hole saws are available at most hardware stores.

What is the largest fuse I can use?

Even though our harnesses will conduct up to 20 amps safely, a 15 Amp fuse is the highest recommended.

How hard is it to install a Powerlet Kit?

In most cases these kits are very easy to install, no special tools are required. In fact most installations will take less than 20 minutes. All kits come with detailed, easy-to-read instructions.

How do I crimp the right angle terminals in the RYO wiring kit?

Examine the crimp tool you use for straight terminals. If you do not have a crimp tool for straight terminals you may want to purchase one from the local hardware store; they are relatively inexpensive 10-15. They come in two flavors - one for insulated and one for non-insulated terminals. We recommend using the non-insulated type crimper on both insulated and non-insulated terminals. The non-insulated type leaves a dent. You can imitate this "dent" for the right angle terminals, using other tools.

Unless you want to spend a ton of dough on a good right angle crimper you will need to be creative with the tools you have. How you will do this depends on your available tools. For instance, a pair of channel lock type pliers with an old ball bearing (or BB from a BB gun) may work just fine. The point is you need to dent the soft metal in the terminal. The inside of the terminal has ridges that will bite to keep the wire from pulling out. Another way is to grind or cut off the end of a pair of straight crimpers. This will enable you to crimp both the straight and right angle terminals with your modified tool. We have done this with great success.

How may leads can I attach to my battery before considering a fuse block?

After two or three typically a fuseblock is needed. Consider our Termin8 product instead of a fuseblock. It is easier to install.

I am having a problem with my PPC-015 cable on my Nuvi. It shows it is not charging - what should I do?

Nuvi USB ports do not follow the USB spec. We offer a special adapter that converts a standard mini-USB to a Garmin mini-USB. Also a "corrective series of steps" can easily be made on your Nuvi unit. Call for details.

How many electrical accessories can my bike operate at once?

This is a tough question to answer without some background information about the particular bike and accessories. Some electronic devices (appliances) draw a small amount of power; others draw a great deal of power. Also some bikes have a fair amount of excess electrical capacity while others do not. For instance, a Gold Wing will be able to operate more electrical accessories than a 600cc sport bike.

However some generalizations can be made, they are listed below.

Due to their low current draw, you will be able to run all of these devices, at the same time, even on a small displacement sport bike:

- Radar Detector
- GPS
- Camcorder
- Personal Music System
- Cell Phone
- Bike-to-Bike Communicators

Due to their relatively high current draw you may have to limit the number of these devices that you run at one time.

- Heated Liners and Vests
- Heated Grip Wraps
- Heated Gloves
- Heated Clothing of any kind
- Accessory Lights