

## Second Socket Installation Instructions PKT-039



### Introduction:

Made in USA

This easy to install, high quality, Powerlet™ kit provides a convenient way to add a second socket. This second socket can be installed in any panel on most any vehicle so these instructions are generic in nature. The operator can supply power to the battery (i.e. battery charger), draw power from the battery (i.e. heated vest), or monitor the state of charge on the battery using the Powerlet socket.

### Parts List:

- 1 – “Y” Wiring Harness
- 1 – Powerlet Socket
- Ty-wrap(s)

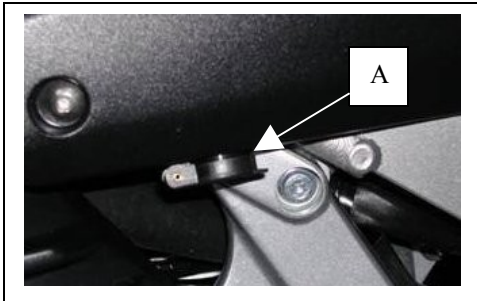
**Please read all of the instructions carefully before attempting the installation of this product. Please have a trained professional install this kit if you are unfamiliar with these procedures.**

### Quick Start Instruction:

- STEP #1** Access back of first socket.
- STEP #2** Mount the socket.
- STEP #3** Route wires and plug onto sockets.
- STEP #4** Check polarity and test.
- STEP #5** Look over your work.
- STEP #6** Put everything you took off back on.

### Detailed Instruction:

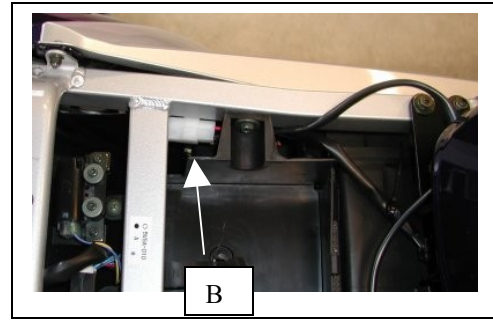
**STEP #1** – Access the original socket. Unplug the wiring harness from the first socket.



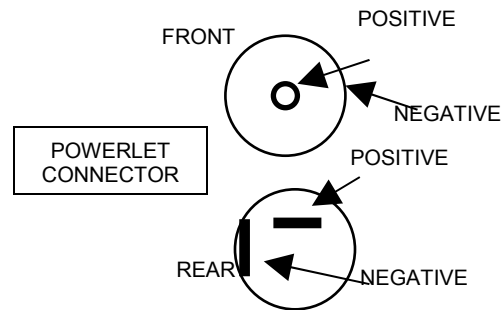
**STEP #2** – Locate a suitable place on the panel to drill a 18mm hole (11/16” hole saw recommended and is available on our site). Do not use a flat wood drill. If the hole is too small for the socket open it with emery cloth or a file. Notice the keen locations on the Suzuki V-Strom [A] & Yamaha R1 [E]. Watch the clearance behind the panel. The required clearance behind the panel is approx 2” with the white connector installed. Use a flat spot on the panel. Attach the socket to the panel; use a dab of Silicone to secure the jam nut.

**Important:** Do NOT use Loctite or over-tighten. Loctite will cause ABS panels to “craze” & stress fracture; please see the Loctite data sheet.

**STEP #3** – Stretch out the wiring harness. Plug the white connector with the male pins into the existing Powerlet (first socket) wiring harness [B]. Apply either dielectric grease or Vaseline to the terminals. Plug the female white connectors onto the back of the sockets.



**STEP #4** – The center terminal is plus and the outer ring is negative (see dwg below). Use a voltmeter to check if the polarity is correct.



**STEP #5** – Apply the remaining ty-wraps to the wiring harness and the existing wiring harness [B]. Do NOT allow the harness to directly contact the motor or exhaust.

**STEP #6** – Replace the panels and enjoy!