

# Powerlet Socket Tankbag Kit Installation

## PTB-009



### Introduction:

Made in USA

This high quality, Powerlet™ Tankbag Socket Kit is designed to be mounted into the sidewall of your luggage. This is designed to work with the Powerlet PTB-001 bulkhead (sold separately) and will not operate only on its own.

### Required Tools:

- Knife blade (Exact-o knife is perfect)
- Small nail
- Screwdriver, pliers and a small wrench

### Parts List:

- 1 - SAE Y to SAE White T Cable
- 1 - Powerlet PSO-001 Socket
- 2 - Black Fender Washers
- 1 - Brass Jam Nut
- 1 - Keyed Rubber Washer

**Please read all of the instructions carefully before attempting the construction of this harness.**

### Quick Start Instruction:

- Step #1. Locate a suitable place on the storage unit (tank bag) to mount the connector.
- Step #2. Using the backing plate as a guide mark the center hole of where the socket will be located.
- Step #3. Use either a soldering iron or a hot knife & hot nail cut the hole.
- Step #4. Install and test.



### Detailed Instruction:

**STEP #1** – Determine a suitable location for the socket port. Make sure that the location is adequate to connect to the internal SAE lead coming off your PTB-001 Powerlet bulkhead. If you mount it on the side closest to the rider this may interfere with leaning against the bag while riding. Also think about what you will power.

**STEP #2** – Using the backing plate as a template, mark the hole on the tank bag (or other storage unit) with a visible marker. We used a paint pen [A].

**STEP #3** – Use either a soldering iron with a thin narrow tip or a hot knife & nail to cut the hole. Either will make the holes easily. The hot knife-edge (or iron) will cauterize the nylon, keeping it from fraying years later.



**Soldering Iron** – Pierce through the material and follow the outline of the large hole, letting the iron melt the material. Check the fit of the connector (large hole).

**Hot Knife** – If you don't own a soldering iron, heat up a knife blade using the stove or a propane torch. When the edge is red hot cut through the material [B] & form the largest hole.



**STEP #4** –Install the keyed washer to the backside of the hinged lid and slip the socket in through one of the large black fender washers and then through the hole in the bag. On the rear side of the socket, apply the second black fender washer then the brass jam nut that secures all layers to the bag. Make sure to rotate the cap with supportive keyed rubber washer to the orientation for which you desire it operate. Once fastened, connect the larger 2-Pin SAE to the backside of the PTB bulkhead in order to bring power to the PTB-009 socket kit. Enjoy!