

Tank Storage Bag Kit Installation

PTB-012



Introduction:

Assembled in USA

This high quality, Powerlet™ Tank Bag Kit provides an easy, water-resistant way to power electronics in a motorcycle tank bag or other storage unit. The operator can use this kit to power various electronic devices including cell phones, radar detectors, GPS units, music systems, etc.

Required Tools:

- Utility knife (X-Acto) or soldering iron
- Adjustable wrench or standard pliers

Parts List:

- 1 - Connector
- 1 - Backing Plate
- 1 – Backing Nut
- 1 – SAE/SAE & Cigar “Y”
- 1 – 48” Battery Lead

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

Quick Start Instruction:

1. Locate a suitable place on the tank bag or storage unit to mount the connector.
2. Using the backing plate as a guide, trace the center hole with a permanent marker.
3. Using either a hot soldering iron or a hot utility knife, cut out the traced circle.
4. Install the remaining parts.
5. Test the kit.



Detailed Instruction:

STEP #1 – Determine a suitable location for the connector. If the connector is mounted on the side closest to the rider, it may interfere with leaning against the bag while riding. Also, consider the location from which you will draw power (the left, right or front of the vehicle).

STEP #2 – Using the backing plate as a template, trace the inner hole on the tank bag (or other storage unit) with a permanent marker.



STEP #3 – Use either a hot utility knife or a hot soldering iron with a thin narrow tip to cut the hole. Either tool will make the hole easily. The hot knife-edge or iron will cauterize the nylon, keeping it from fraying. Once the hole has been cut, check the fit of the connector in the hole.

Soldering Iron: Pierce through the material and follow the outline of the hole allowing the iron to melt the material.

Hot Knife: If you don't own a soldering iron, heat a utility knife blade using the stove or a propane torch. When the edge is red hot, pierce through the material and follow the outline of the hole.



STEP #4 – Insert the bulkhead through the hole and install the backing washer from inside the bag. Install backing nut and tighten with fingers until snug. Use a standard set of pliers or adjustable wrench to tighten nut to backing washer. *Do not over-tighten.* Install SAE/SAE & Cigar “Y”.



STEP #5 – Use a voltmeter to check if the polarity is correct. Plug in the unit. Measure the terminals inside the bag; the exposed (male) pin should be ground. The female pin is +12V.



ENJOY!