

Introduction:

Made in USA

This easy to install, high quality, **POWERLET™** kit provides a convenient way to access the battery on Moto Guzzi V-11 sport bikes. 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. 1 – Winning harness w/15A fuse (15A Max)
2. 1 – Mounting bracket w/socket
3. 1 – 1/8" Spacer
4. 3 – Ty-wraps

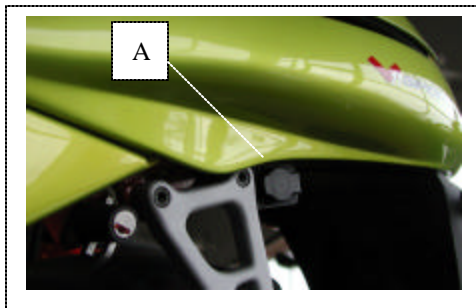
Please read all of the instructions carefully before attempting the installation of this product. Have this kit installed by a trained technician if you are not familiar with these procedures.

Quick Start Instruction:

- STEP #1** Remove the seat.
STEP #2 Route wires starting at the battery and finishing at the bracket.
STEP #3 Attach the wires to the socket
STEP #4 Mount the bracket.
STEP #5 Attach the ty-wrap; examine your work.
STEP #6 Test & reassemble.

Detailed Instruction:

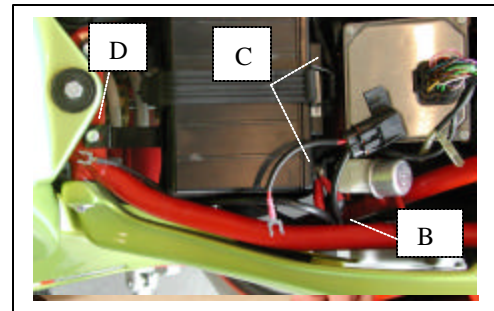
STEP #1 – Remove the seat. See the service manual.



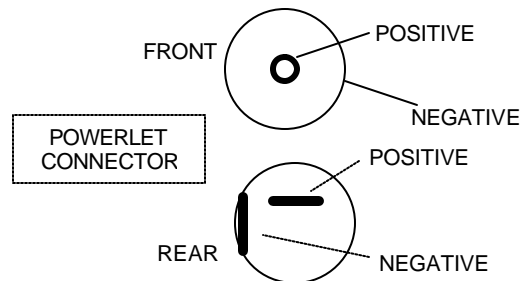
STEP #2 – Stretch out the wiring harness. Grab the socket end of the harness and start routing the harness by looping the wires down through the gap between the frame member and the battery compartment plastic [B]. Let the wire hang down by the bracket for now. Next remove the negative battery connection, followed by the positive battery connection. Slip the red wire under the red battery boot [C]. You may need to trim the red boot to accommodate the added wire. Connect the red & black wire as follows:

RED WIRE = BATTERY POSITIVE
BLACK WIRE = CHASSIS GROUND

Use the gas tank mounting bolt [D]. Tuck the fuse holder into a cavity in front of the plus terminal of the battery. Do not allow the red lead between the battery plus terminal and fuse-holder to cross any metal objects. Ty-wrap the fuse-holder to the nearby wiring.



STEP #3 – Install the fuse in the fuse-holder. Next attach the spade connectors to the socket. The center terminal of the Powerlet socket is plus and the outer ring is negative (see dwg below). Apply either dielectric grease or Vaseline to the terminals. Connect the red wire to the positive terminal & the black wire to the negative terminal. The spade lugs on the back of the socket are oriented so the wiring harness will route straight up from the socket, hiding it under the tail fairing.



STEP #4 – Attach the bracket to the front rearmset-mounting lug [A]. It is easiest to loosen both bolts then remove one bolt at a time, sliding the spacer & bracket into place, one at a time. The supplied spacer must be placed in the front hole to maintain proper alignment. Tighten the rearmset bolts with the bracket & spacer sandwiched between the rearmset & the frame. (Re-use the stock bolts, they are long enough.)

STEP #5 – Apply the remaining ty-wrap to the wiring harness and the lower frame rail. **Do NOT allow the harness to directly contact the motor or exhaust.**

STEP #6 – Use a voltmeter to check if the polarity is correct. Replace the seat. Enjoy!