

Introduction:

Made in USA

This easy to install, high quality, **POWERLET™** kit provides a convenient way to access the battery on Suzuki SV650 motorcycles. 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 - Wiring harness w/15A fuse
2. 1 - Mounting bracket w/socket
3. 1 - 1/8" Spacer
4. 2 - Ty-wraps

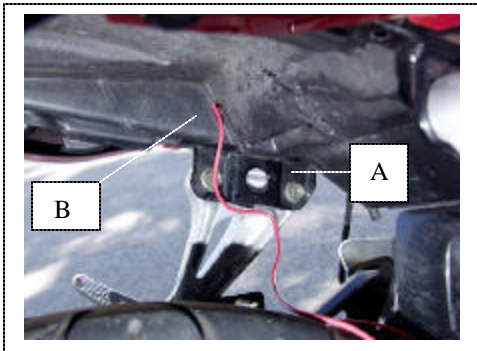
Please read all of the instructions carefully before attempting the installation of this product. Please have a trained professional install this kit if you are unfamiliar with these procedures.

Quick Start Instruction:

- STEP #1** Remove the seat.
STEP #2 Route wires starting at the battery and finishing at the bracket.
STEP #3 Attach the wires to the socket and test.
STEP #4 Mount the bracket.
STEP #5 Apply tie-wraps. Look over your work.
STEP #6 Put everything you took off back on.

Detailed Instruction:

STEP #1 - Remove the seat. See the Suzuki service manual.



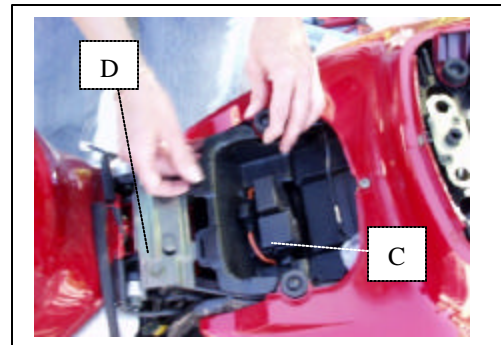
STEP #2 - Stretch out the wiring harness. Run the harness down the LEFT side of the battery cover, between the frame and the plastic water protectors/inner fender. There is a hole through which the harness may pass, visible when looking down to the left side of the battery cover, and toward the rear [B]. Insert a tie wrap, upward, through the black ring behind the silver footpeg bracket [A]. Let the wire hang down by the rearsset for now.

Next remove the negative battery connection, followed by the positive battery connection. Route the red lead forward toward the battery through the "notch" on the left side of the battery cover.

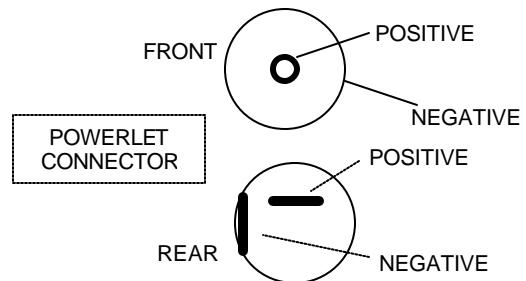
Connect the red & black wire as follows:

RED WIRE = BATTERY POSITIVE
BLACK WIRE = CHASSIS GROUND

Chassis bolt [D]. Tuck the fuse holder into a cavity in front of the plus terminal of the battery [C] under the battery cover. Ty-wrap the fuse-holder to the nearby wiring.



STEP #3 - Apply either dielectric grease or Vaseline to the terminals. The center terminal is plus and the outer ring is negative (see dwg below). Install the fuse in the fuse holder. Connect the red wire to the positive terminal & the black wire to the negative terminal. Use a voltmeter to check if the polarity is correct.



STEP #4 - Attach the bracket to the front rearsset-mounting lug [A]. The rearsset needs to be removed completely. The supplied spacer must be placed in the rear to maintain proper alignment. Reinstall the rearsset with the bracket & spacer sandwiched between the rearsset & the frame. Re-use the stock bolts.

STEP #5 -Do NOT allow the harness to directly contact the motor or exhaust. Look over your work.

STEP #6 -Replace the seat. Enjoy!