

Introduction:

Made in USA

This easy to install, high quality, **POWERLET™** kit provides a convenient way to access the battery on Honda ST1100 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 - Powerlet socket
3. 3 - 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 left side-saddle bag, left side panels, and seat.
- STEP #2** Mount the socket.
- STEP #3** Route wires starting at the battery and finishing at the bracket.
- STEP #4** Attach the wires to the socket and test.
- STEP #5** Look over your work.
- STEP #6** Put everything you took off back on.

Detailed Instruction:

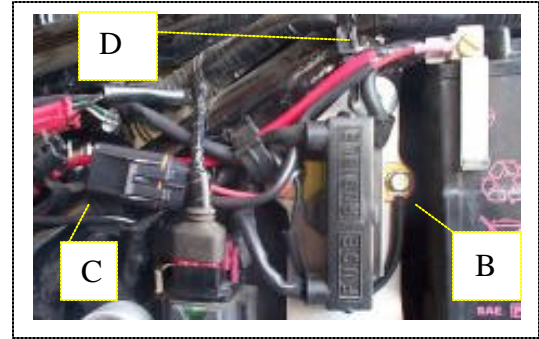


STEP #1 – Remove the seat and the left side-saddle bag. Then remove both of the left side panels. See the Honda service manual.

STEP #2 – Drill a 18mm hole into the panel (**11/16" hole saw recommended and is available on our site**) on the sloped part of the front left panel just above (or below [A]) where it bends. If the hole is too small for the socket open it with emery cloth or a file. Watch the clearance behind the panel; make sure the socket has room. Attach the socket to the panel; make sure that the thin metal washer is between the panel and the jam nut. Put a dab of Silicone on the socket and jam nut after assembly.

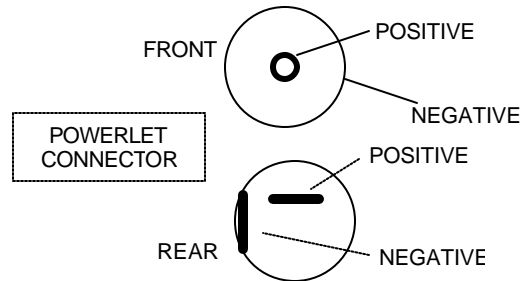
Important: Do NOT use Loctite or over-tighten.

STEP #3 – Route the harness up on the inside of the frame. Use wire ties to secure it from touching the engine. Attach the ground lead from the harness to a chassis bolt near the battery [B]. Ty-wrap the fuse holder to the surrounding wiring [C]. Connect the red wire to the battery posts as follows [D]:



RED WIRE = BATTERY POSITIVE

STEP #4 – Install the fuse in the fuse-holder. The center terminal is plus and the outer ring is negative (see dwg below). Apply either dielectric grease or Vaseline to terminals. Connect the red wire to the POSITIVE terminal and the black wire to the NEGATIVE terminal. Use a voltmeter to check if the polarity is correct.



STEP #5 – Apply the remaining ty-wrap to the wiring harness securing it to the frame or any existing wiring harness. **Do NOT allow the harness to directly contact the motor or exhaust.**

STEP #6 – Replace the panels and the seat. Enjoy!