

Introduction: Made in USA
This easy to install, high quality, **POWERLET™** kit provides a convenient way to access the battery on Yamaha FJR-1300 motorcycles. The operator can supply power to the battery (i.e. battery charger), draw power from the battery (i.e. cell phone), or monitor the state of charge on the battery using the Powerlet socket.

- Parts List:**
- 1 - Wiring harness w/ 15A fuse
 - 1 - Powerlet socket
 - 1 - Ty-wrap

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.

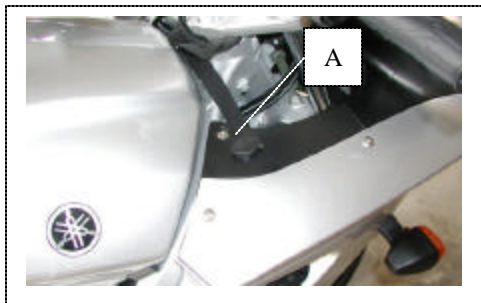
- Quick Start Instruction:**
- STEP #1** Remove the 2 front right side panels.
STEP #2 Mount the socket. **11/16" hole saw recommended. (Available on our site)**
STEP #3 Install cables.
STEP #4 Look over your work, adjust harness.
STEP #5 Attach the wires to the socket and test.
STEP #6 Reinstall panels.

Detailed Instruction:

STEP #1 - Expose the battery by removing the 2 front black panels on the right side of the bike. See the Yamaha service manual.

STEP #2 - Drill a 18mm hole into the panel shown [A & B] (**11/16" hole saw recommended and is available on our site**). This hole can be drilled in many places on the panel. If the hole is 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; use a dab of silicone on the socket and jam nut after assembly.

Important: Do NOT use Loctite or over-tighten.



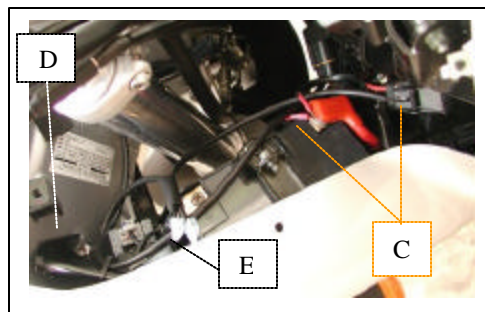
STEP #3 - Stretch out the wiring harness. Using a ty-wrap, attach the fuse holder to the black square support bracket located above & forward of the battery [C]. Next remove the

negative battery connection, followed by the positive battery connection. Slip the red wire under the red battery boot [C].

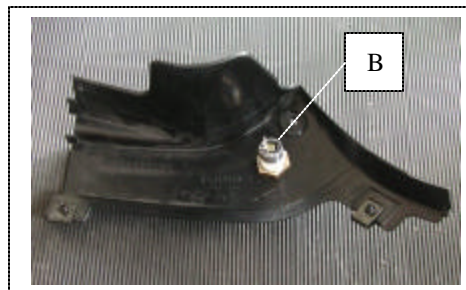
You may need to trim the red boot to accommodate the added wire. Connect the red wire to the battery posts as follows:

RED WIRE = BATTERY POSITIVE

Connect the black ground wire under fairing brace mount [D]. Reconnect the battery ground terminal.



STEP #4 - Make sure the fuse holder & wiring harness will fit behind the front panels.



STEP #5 - 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 the terminals. Connect the red wire to the POSITIVE terminal and the black wire to the NEGATIVE terminal [E]. Use a voltmeter to check if the polarity is correct.

