

**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. 1 – Wiring harness w/ 15A fuse
2. 1 – Powerlet socket
3. 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:**

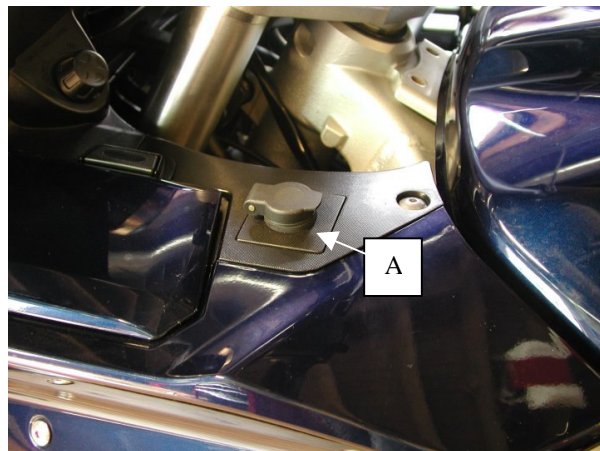
- STEP #1** Remove the front right side panel.  
**STEP #2** Drill the panel and mount the socket.  
**STEP #3** Install wiring harness.  
**STEP #4** Attach the white connector to the socket.  
**STEP #5** Test socket & reinstall panels.

**Detailed Instruction:**

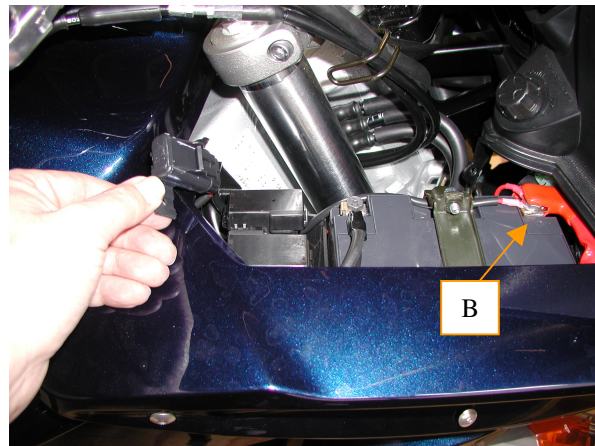
**STEP #1** – Expose the battery by removing the black panel on the right side of the bike. See the Yamaha service manual.

**STEP #2** – Drill a 18mm hole into the panel shown [A] (**11/16" hole saw recommended. Part # PMI-012** ). Drill the panel in the center of the square insert as shown. If the hole is too small for the socket, open it with emery cloth or a file. 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** – Remove the negative battery connection, followed by the positive battery connection. Stretch out the wiring harness. Route the harness from the battery thru the front fairing support towards the Powerlet socket.



**STEP #4** – Attach the white T connector to the socket mounted in the left panel. Connect the battery leads by slipping the red wire under the red battery boot [B]. You may need to trim the red boot to accommodate the added wire. Connect as follows:

**RED WIRE = BATTERY POSITIVE**  
**BLACK WIRE = CHASSIS GROUND**

**NOTE:** Even though the black wire is connected to a chassis ground and not the negative terminal to the battery, still disconnect the negative terminal to the battery. Always reconnect the negative battery connection last.



**STEP #5** – Install the fuse in the fuse-holder. Apply a small amount of dielectric grease or Vaseline to the socket spade terminals. Use a voltmeter to check if the polarity is correct. Ty-wrap the wiring harness to the stock harness on the left side of the left front fork tube. Reinstall the panels that were removed. The installation of your Powerlet kit is complete.