

# Kawasaki ZZR1200 Front Panel Kit PKT-050



## Introduction:

This easy to install, high quality, Powerlet™ kit provides a convenient way to access the battery on Kawasaki ZZR1200 motorcycles. The operator can supply power to the battery (i.e. battery charger), draw power from the battery (i.e. cell phone), the battery using the Powerlet socket.

Made in USA

## Parts List:

- 1 - Wiring harness w/ 15A fuse
- 1 - Powerlet socket
- 1 - Large Washer
- Ty-wrap(s)

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.

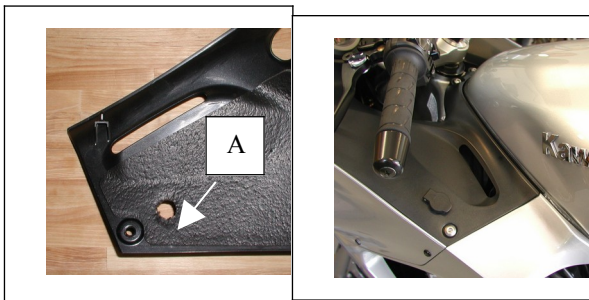
## Quick Start Instruction:

- STEP #1 Remove the seat & necessary panels.
- STEP #2 Drill the hole for the socket.
- STEP #3 Attach the socket to the panel.
- STEP #4 Install & route harness.
- STEP #5 Attach the wires to the socket and test.
- STEP #6 Reinstall panels & seat.

## Detailed Instruction:

STEP #1 – Expose the battery by removing the seat & left front panel. See the service manual. If you are not familiar with this procedure, have a trained technician install the kit.

STEP #2 – Drill a 18mm hole into the panel shown [A] (**11/16" hole saw recommended and is available on our site**). If the hole is too small for the socket open it with emery cloth or a file. This hole can be drilled in many places on the panel, however make sure there is at least 1.75" clearance behind the panel. There cable is about 8" longer than required for the location shown. The left picture shows the bottom of the panel, with the insulation cleaned out by a knife blade. The right picture shows the socket installed.

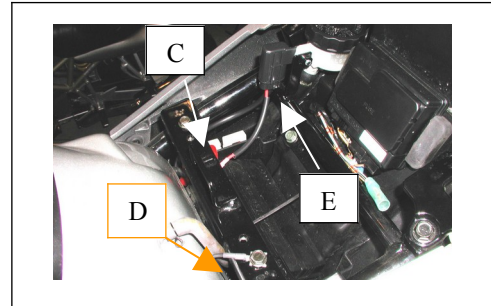


STEP #3 – Attach the socket to the panel. Place the large silver washer on the back-side of the panel (to compress the insulation) then tighten the jam nut. Apply a dab of Silicone on the socket and jam nut after assembly. **Important:** DO NOT use Loctite or over tighten; the plastic can crack.

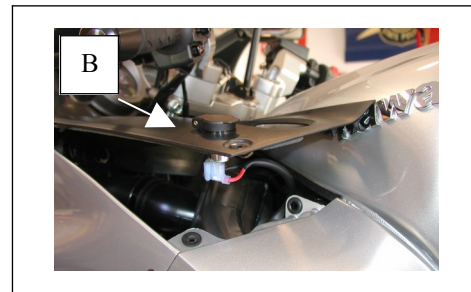
STEP #4 – Stretch out the wiring harness. Attach the fuse holder to the support bracket located above the battery [E]. Next remove the negative battery connection, followed by the positive battery connection. Slip the red wire under the red battery boot [C]. You may need to trim the red boot to accommodate the added wire. Connect the red wire to the battery posts as follows:

**RED WIRE = BATTERY PLUS**

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



Route the harness under the gas tank toward the front panel. This can be done without lifting the tank. Use the supplied tie-wraps to keep the harness in place. **Do not allow the harness to contact the motor or the exhaust.** As you pass over the motor, follow the stock vent tube to keep the harness from direct contact.



STEP #5 – Install the fuse in the fuse-holder. Slip the brass jam nut over the harness. Connect the harness to the socket. The center terminal is plus and the outer ring is negative (see dwg's). 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. Use a voltmeter to check if the polarity is correct.

