

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) or draw power from the battery (i.e. heated vest) using the Powerlet socket.

Parts List:

1. 1 – Wiring harness w/15A fuse
2. 1 – Mounting bracket w/socket
3. 1 – 1/8” large spacer (8mm clr)
4. 5 – 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.

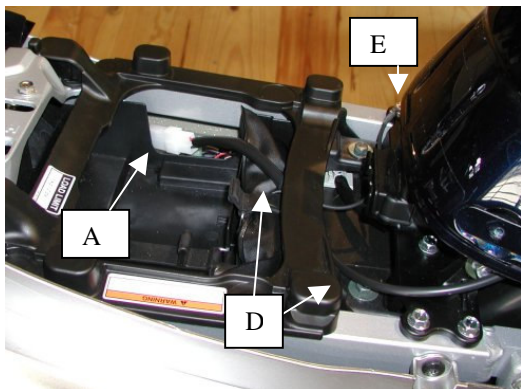
Quick Start Instruction:

- STEP #1** Remove the seat and right top panel
STEP #2 Route wires starting at the battery and finishing at the bracket
STEP #3 Mount the bracket.
STEP #4 Attach the white connectors and battery connections.
STEP #5 Reassemble the bike.

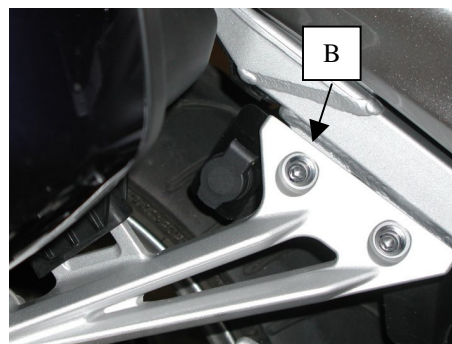
Detailed Instruction:

STEP #1 – Remove the seat. Remove the right front top panel to expose the battery. Remove the two bolts that hold down the front of the tank. See the Yamaha service manual.

STEP #2 – Stretch out the wiring harness. Grab the white connector end of the harness [A] and start routing the harness by routing the wires under the gas tank [D]. Cross over for left side applications [D]. **Do NOT allow the harness to directly contact the motor or exhaust.**



STEP #3 – Attach the bracket to the rear rearset-mounting lug [B]. **Important:** Only remove one rearset bolt at a time since the rearset bracket also supports the exhaust! The supplied spacer must be placed in the front hole to maintain proper alignment. Reinstall the rearset with the bracket & spacer sandwiched between the rearset & the frame. Re-use the stock bolts; tighten to the recommended torque.

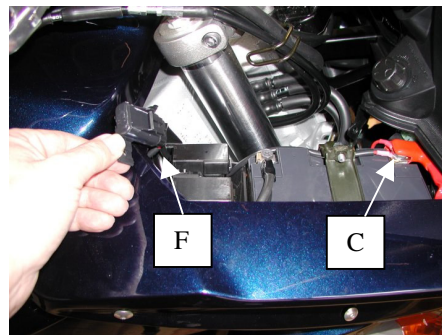


STEP #4 – Connect the two white “T” connectors [A]. The fuse holder will tuck into the cavity behind the battery [F].

Remove the negative battery connection first. Next, loosen the positive battery connection. Slip the red wire under the red battery-boot. Trim the red boot to accommodate the added wire [C]. The ground wire terminates to the gas tank hinge bracket bolt [E].

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 –Replace the seat, panels and gas tank. Enjoy!