

Ducati Monster Installation Instructions

PKT-023



Introduction:

Made in USA

This easy to install, high quality, Powerlet™ kit provides a convenient way to access the battery on Ducati Monster 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 - Wiring harness w/ 15A fuse
- 1 - Mounting bracket w/ socket
- 1 – 1/8" spacer
- Ty-wrap(s)

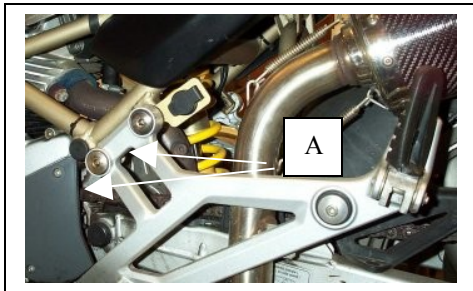
Please read all of the instructions carefully before attempting the installation of this product. Please have a trained professional install this kit if you are not familiar with these procedures.

Quick Start Instruction:

- STEP #1 Lift gas tank.
- STEP #2 Route wires starting at the battery and finishing at the bracket.
- STEP #3 Attach the wires to the socket and test.
- STEP #4 Mount the bracket.
- STEP #5 Look over your work.
- STEP #6 Put everything you took off back on.

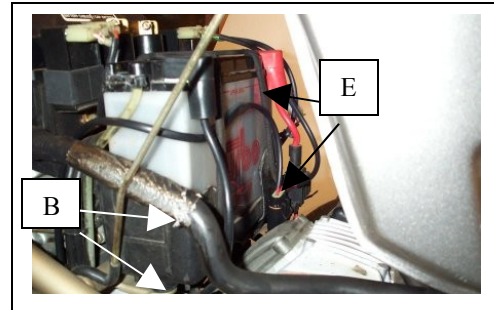
Detailed Instruction:

STEP #1 – Rotate gas tank to expose the battery. See the Ducati service manual.

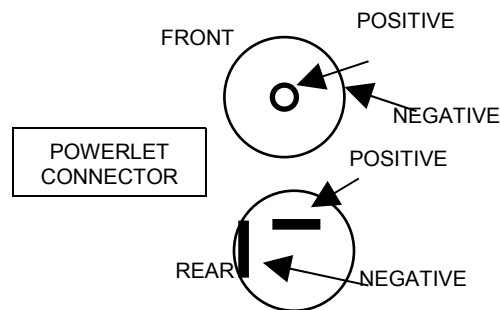


STEP #2 – Stretch out the wiring harness. Grab the socket end of the harness and start routing the harness by looping the wires up through the gap between the frame members just behind the battery [B]. The wires will exit in the underside of the seat area. [D]. Attach the ground (black) wire under the hinge mounting bolt[C]. Tie wrap the harness under the cross member. Go back to the battery area and tuck the fuse holder under the rubber strap in front of the plus terminal of the battery [E]. Connect the fuse to the battery holder by a ty-wrap on the lower part of the hook where the battery holder plastic is connected. This hook is at the back part of the battery close to the rider. [E]. Connect the red wire to the battery posts as follows:

RED WIRE = BATTERY POSITIVE



STEP #3 –Install the fuse in the fuse-holder. Attach the wires to the socket. The center terminal is plus and the outer ring is negative (see dwg below). Apply either dielectric grease or Vaseline to the terminals. Use a voltmeter to check if the polarity is correct.



STEP #4 – Remove the left driver foot peg bolts. The Powerlet bracket and the 1/8" spacer are mounted between the footpeg bracket and the frame. Attach the bracket to the back mounting lug [A], the 1/8" spacer is used on the front hole. The above picture is for a high mount pipe; the installation is the same for a stock exhaust except high pipes require some modification of the spacers. Reuse the stock bolts and torque them down to the specification in the Ducati service manual.

STEP #5 - Apply the remaining ty-wraps in useful locations. It is important to have two ty-wraps close to the sockets. This will ensure that the wire will not touch the exhaust pipes and header. **Do NOT allow the harness to directly contact the motor or exhaust.**

STEP #6 –Replace tank & seat. Enjoy!