

Ducati ST2/ST4 Left Side Installation Instructions

PKT-006-L



Introduction:

This easy to install, high quality, dual Powerlet™ kit replaces the existing, left side, single outlet on ST2 & ST4 motorcycles. The operator can supply power to the battery (via a battery charger), draw power from the battery (operate 2 heated vests), or monitor the state of charge on the battery using the Powerlet socket.

Made in USA

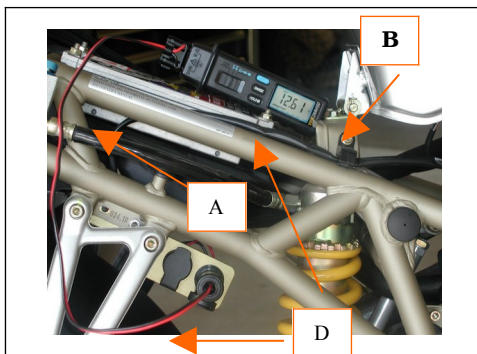
Parts List:

- 1 - Wiring harness w/ 15A fuse
- 1 - Mounting bracket w/ 2 sockets
- 1 - Allen screw, 6x16mm
- 1 - Flat washer, 6mm
- 1 - Lock washer, 6mm
- 1 - Nut, 6mm
- 1 - Bolt, 5x50mm
- 1 - Flat washer, 5mm
- 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** Remove necessary fairings.
STEP #2 Mount the bracket-utilizing factory holes located under the passenger rear set.
STEP #3 Route wires starting at the bracket end and finishing at the battery.
STEP #4 Look over your work.
STEP #5 Check the polarity & test.
STEP #6 Put everything you took off back on.



Detailed Instruction:

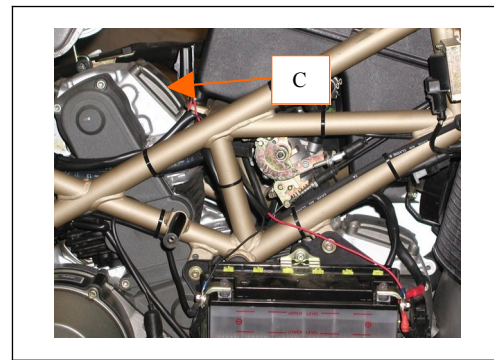
STEP #1 – Remove the seat, front, right side, & left side tail fairings. See the Ducati service manual.

STEP #2 – (RIGHT side shown, perform on LEFT)

If your bike was equipped with a stock outlet unplug the existing harness & tie wrap this up out of the way, it is not used. Also remove the stock bracket from behind the rearset. Attach the new bracket behind the frame utilizing the two holes below the passenger rear set. Install the supplied 6mm hardware into the front hole and just snug them up. Adjust the bracket so rear hole is aligned with the hole in the frame; the tail fairing bolt & spacer go back in this hole later. Tighten the supplied front screw to 6 Nm.

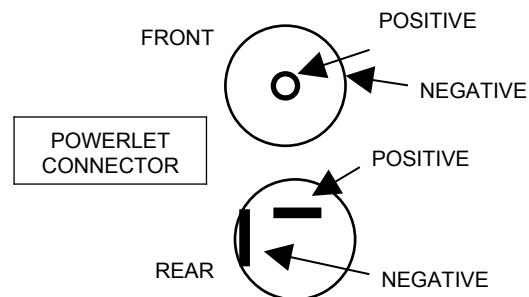
STEP #3 – The harness is made so the wires leave the connectors toward the back of the bike, (so they will not be seen). Loop the wires up through the gap between the frame & the engine controller [A]. On the left side there is a small gap; do not pinch the wiring. You will need to remove four screws on the engine controller to accomplish this. Next cross over behind the engine controller. Tighten the engine controller. Now the harness should be routed toward the front of the bike [D]. Loosen right tail fairing front clip screw & pass the wiring harness under it [B]. Route the harness between the frame and the engine going towards air box. Using a ty-wrap attach the fuse holder to the back, right, air-box post [C]. If you screw it to the air-box, be careful. Connect the two wires as follows:

RED WIRE = BATTERY POSITIVE
BLACK WIRE = GAS TANK HINGE BOLT



STEP #4 - Apply the remaining ty-wraps in useful locations. **Do NOT allow the harness to directly contact the motor or exhaust.**

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. Use a voltmeter to check if the polarity is correct [D].



STEP #6 –Replace fairings & seat. When replacing the right tail fairing use the supplied 5mm x 50 bolt & 5mm washer. Enjoy!