

Sport Bike Tail Kit Installation Instructions

PKT-040



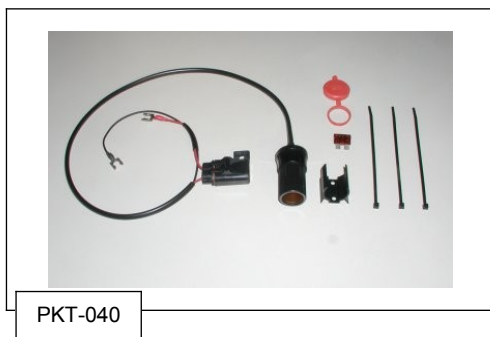
Introduction:

Made in USA

This high quality, Powerlet™ Sport Bike Tail Kit provides an easy way to connect a cigarette socket to almost any sport bike. The kit is very simple to install. The operator can supply power to the motorcycle battery with a battery charger, and/or draw power from the battery with cell phones, radar detectors, etc.

Parts List:

- Pre-built wiring harness with ATO Waterproof Fuse-holder
- 7.5A ATO fuse
- Clip to hold the socket
- Dust cover for the socket
- Ty-Wrap(s)



Please read all of the instructions carefully before attempting the construction of this harness. Please have a trained professional install this kit if you are unfamiliar with these procedures.

Quick Start Instruction:

- STEP #1** Remove seats, locate a suitable place to mount the clip & socket.
- STEP #2** Locate a suitable place for the fuse-holder, close to the battery.
- STEP #3** Determine the best wire route from the battery to the socket.
- STEP #4** Install & Test.

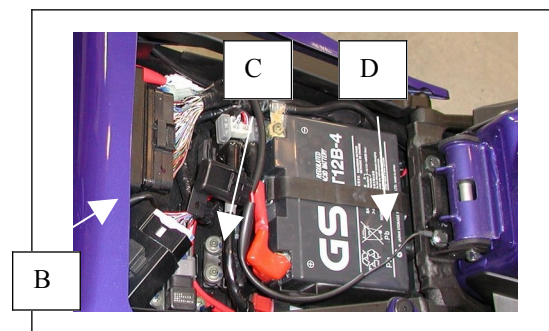
Detailed Instruction:

STEP #1 – Remove the passenger & driver seats to access the tail storage & battery (see owners manual). Determine a suitable location for the socket. A plastic clip is supplied that can be used to hold the socket [A]. This clip can be mounted by drilling two small holes in the inner tail fairing plastic tail storage box. Remove any necessary bodywork between the battery and final socket location.

STEP #2 – Look for an accessible location for the fuse-holder [B]. Keep in mind you may need to change a fuse while touring. The fuse-holder also needs to be tucked in a space where it will not be pinched when the seat is replaced. Ty-wrap the fuse holder in place. The wire from the battery to the fuse-holder should not cross any chassis components (so the wire cannot “wear” and short the battery to ground).



STEP #3 – Select a route for the harness. Follow stock wiring harnesses where possible. Do not allow the harness to contact the motor or exhaust. Ty-wrap the harness in place.



STEP #4 – Locate a suitable chassis ground point. In this example we used the gas tank bolt. If a chassis ground cannot be located, use the battery negative post. Connect the terminals as follows:

RED WIRE = BATTERY POSITIVE [C]
BLACK WIRE = CHASSIS BOLT [D]

Install the fuse in the fuse-holder. On a cigarette connector the center terminal is plus and the outer ring is negative (see dwg below). Apply either dielectric grease or Vaseline to the terminals. Apply the ty-wraps to the wiring harness. Use a voltmeter to check if the polarity is correct. Enjoy!

