

# Cigarette PowerBar Plus Installation

AKT-005

Fits 7/8" & 1" Bars



## Introduction:

Made in USA

This easy to install, high quality Powerlet™ kit provides a convenient way to access the battery on your motorcycle or ATV. The operator can supply power to the battery (i.e. battery charger), draw power from the battery (i.e. GPS), or monitor the state of charge on the battery using the cigarette socket.

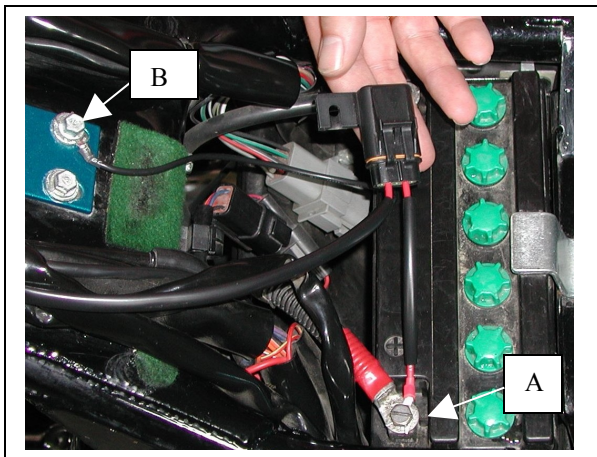
**Please read all of the instructions carefully before attempting the installation of this product. Please have a trained professional install this kit if you are unfamiliar with these procedures.**

## Quick Start Instruction:

- STEP #1 Remove left side panel to expose the battery.
- STEP #2 Mount the Powerbar™.
- STEP #3 Route the wires.
- STEP #4 Install the fuse.
- STEP #5 Attach the tie-wrap & inspect.
- STEP #6 Test & reassemble.

## Detailed Instruction:

STEP #1 – Remove left side panel to expose the battery.



STEP #2 – To mount the Powerbar, first slip the lower half of Powerbar housing over the cable and black boot. **Now mount the Powerbar on the handlebars by wrapping the correct size sleeve around the bar and installing the two screws.** The thicker sleeve is used on the 7/8" bars and the thinner sleeve is used on the 1".

STEP #3 – Start routing the wiring harness by attaching it to either the factory wiring harness or the factory brake & clutch cables in front of the handlebars [C]. Next, route the harness under the tank toward the battery. Most batteries are under the seat, however some may be located behind a panel at the front of the bike. Install Ty-wraps on the harness in about 12" increments. Next remove the negative battery connection, followed by the positive [A]. Connect the negative wire to a chassis bolt if possible [B]. If a chassis bolt is not available, connect the wiring harness to the battery as follows:

**RED WIRE = BATTERY POSITIVE (First)**  
**BLACK WIRE = BATTERY NEGATIVE (Second)**

STEP #4 – Install the 15 amp fuse into the fuse holder and tuck the fuse holder into a cavity near the battery and tie-wrap it to a stock wiring harness if possible. Connect the black ground wire to the negative post.



STEP #5 – Do NOT allow the harness to directly contact the motor or exhaust.

STEP #6 – Use a voltmeter to check if the polarity is correct. Replace the side cover. Enjoy!

**Important:** Be careful with the use of the cigarette lighter element. Do not use lighter element when vehicle is in motion. Ejection of element may cause injury, vehicular damage or loss of control resulting in injury or death and should never be used while operating the vehicle under any circumstances.



## PARTS LIST:

- Powerbar Plus Socket
- 54" Wiring Harness
- 15 Amp Fuse
- Ty-wrap(s)
- 2 Rubber Sleeves
- Cigarette Lighter Element