

BMW iCAN Harness Installation

PKT-067



Introduction:

Made in USA

This easy to install, high quality, replacement harness bypasses the CANbus on late-model BMW motorcycles. After installation the operator can supply power to the battery using a standard battery charger, draw power from the battery using high current heated garments (up to 15 amps), or monitor the state of charge on the battery using the existing socket. There is no need to add a second Powerlet socket or replace the existing socket.

iCAN charge the battery. iCAN power heated clothing.

Parts List:

- 1 - Wiring harness w/ 15A fuse
- 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 unfamiliar with these procedures.

Quick Start Instruction:

- STEP #1** Access the battery.
- STEP #2** Access the back of the existing socket.
- STEP #3** Route the harness (battery to the socket) & connect to the battery.
- STEP #4** Unplug the CANbus harness; plug in the iCAN harness and test.
- STEP #5** Look over your work.
- STEP #6** Put everything you took off back on.

Detailed Instruction:

STEP #1 – Follow the factory instructions to expose the battery.

STEP #2 – Follow the factory instructions to expose the back of the socket [A] that you wish to disconnect from the CANbus system.

STEP #3 – Stretch out the wiring harness. Grab the socket end of the harness and route the wiring harness from the battery area to the socket. Follow a stock wiring harness where possible.

Battery Connections:

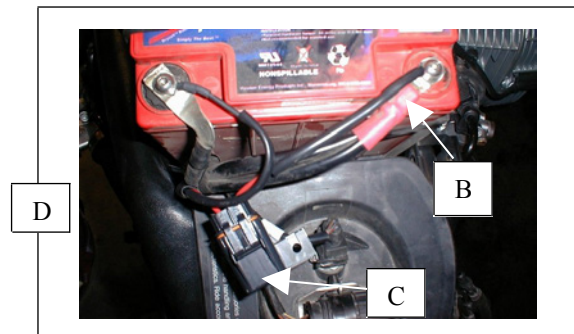
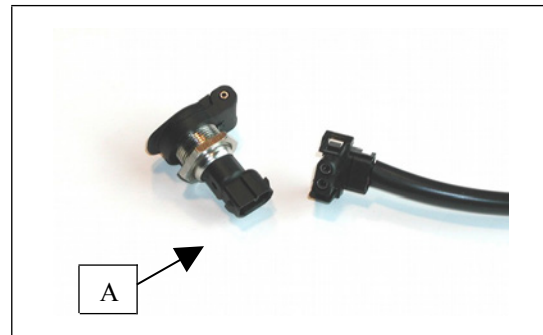
Remove the negative battery connection, followed by the positive battery connection. Insert the red wire under the red battery boot [B]. You may need to trim the red boot to accommodate the added wire. Tuck the fuse holder into a cavity near the plus terminal of the battery [C]. Ty-wrap the fuse holder to the nearby wiring. Connect the black ground wire to any frame member such as the gas tank hinge bolt. If this is not possible, attach the black wire to the negative battery terminal [D]. Reconnect the black battery terminal.

RED WIRE = BATTERY POSITIVE
BLACK WIRE = BATTERY NEGATIVE

STEP #4 – Unplug the CANbus harness connector from the back of the socket [A]. Plug in the Powerlet iCAN harness. Install the fuse in the fuse-holder. Use a voltmeter to check if the polarity is correct and the socket is powered.

STEP #5 – Examine the harness routing and apply the remaining ty-wraps to the wiring harness. **Do NOT allow the harness to directly contact the motor or exhaust.**

STEP #6 – Replace all of the body panels & other parts per the BMW factory instructions. Enjoy!



Example: R1150GS Battery Area