

BD Power Pod

Installation Instructions

Part# 1038800

Accessory Power Distribution Module

Power Pod Specifications:

- ✓ Eliminate multiple T-taps and splices on OEM power wires
 - ✓ Four constant power outputs
 - ✓ Four switched power outputs
 - ✓ Each circuit can carry up to 5 Amps
- ✓ Combined current capacity of 40 Amps total
 - ✓ Blue LED's to indicate fuse status
 - ✓ Simple wiring

Printed in Canada

BD Engine Brake Inc.

Plant Address: 33541 MacLure Rd. Abbotsford, BC, Canada V2S 7W2

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Kit Contents

Part #	Qty.	Description
1308800	1	Power Pod Module
1308801	1	Power Pod Wiring Kit <i>Includes:</i> <i>72" Black wire (ground connection)</i> <i>64" Red wire (battery connection)</i> <i>24" Yellow wire (switched power connection)</i>

Installation

Find a location under the dash to place the **Power Pod** module so that there is easy access to utilize the power terminals and visually inspect the fuses on the module.

This location should be tucked out of the way but with enough slack in the wiring that the module can be pulled down for access.

The module can be physically mounted by using 2-sided tape or hook & loop (Velcro) tape or left hanging with the wiring secured with tie-wraps to prevent the module getting in the way of moving or any heated items.

The unused terminals on the module have the potential of coming into contact with metal that can cause a short circuit and blow a fuse, cause traces to burn inside the module or cause a spark, which could cause a fire. If a terminal is not being used, the fuse should be pulled for that terminal and tape should be placed over the hole(s). Or, you can also cap off the terminals with a female blade connector with the end(s) of connector (where the wire normally goes) filled with silicon, liquid electrical tape or covered with tape.

The terminals can also be covered with tape but if they need to be used in the future, take care to clean the any tape residue off of the terminals after removing the tape.

Any wiring to the module should be secured with tie wraps or other such items so that they do not interfere with moving or heated items.

From the engine compartment, push the **red** power wire and **black** ground wire through the fire wall and into the cab. Looking at the module with the 3-terminals to the left and 8-terminals to the right (see diagram on the next page), connect the **red** power wire to the top terminal of the 3-terminals on the left and the **black** ground wire to the middle terminal on the left.

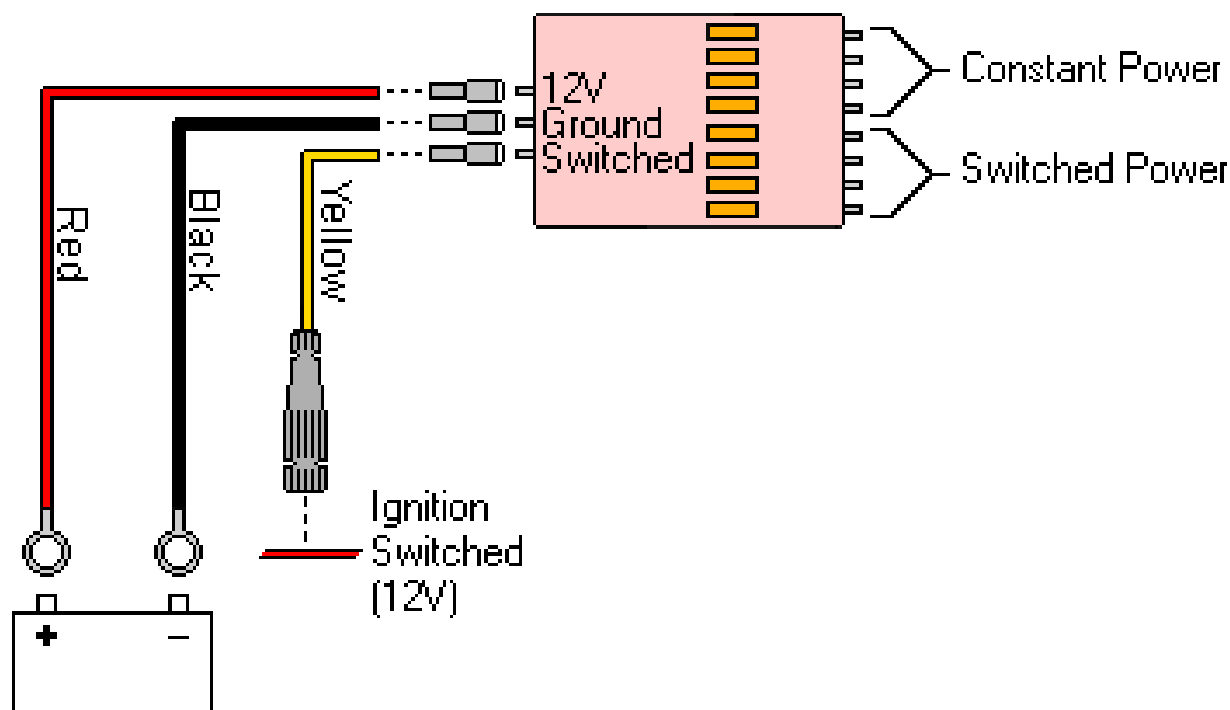
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Locate a wire under the dash that is an ignition switched 12 volt power supply. Using a T-tap or Posi-Tap connector, hook the **yellow** wire to the ignition switched wire. Connect the other end of the **yellow** wire to the bottom terminal of the 3-terminals on the left.



You can now connect your accessories to the **Power Pod** module. The top 4 terminals on the right are constant power and the bottom 4 terminals are ignition switch controlled.

In the engine compartment, connect the **red** power wire to the positive terminal on the battery and the **black** wire to the ground terminal. Clean and secure any loose wiring.

The unit will illuminate the LED's only when the switched power is on; the LED's will not stay on if the switched power is off.

The LED's indicate whether the fuse is good or not. A lit LED means that the fuse is good, however if the LED is not lit, the fuse for that circuit has become open or blown and needs to be replaced with a 5A fuse.

The four constant power outputs always have power available, the four switched outputs only have power when the switched power input is on.

Each fused output will supply a maximum of 5 Amps. Going beyond this or burning circuit board traces will void the warranty.

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Questions?

That should be it! If you experience any problems or have any technical questions about this product, then please call our Technical Support line at (800) 887-5030 between 8:30am and 5:00pm Pacific Standard Time (PST), Monday to Friday. As an alternative, you can also post a message on our web support forum, located at <http://bd-power.com/forum/>



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