Accessory Power - 2004 Models

2004 Twin Cam and Sportster vehicles have a "tap off" from the maxifuse called a B+ / P&A Battery connector. This is the battery power source for electrical accessories that require constant battery power and in the past would have been connected to the main circuit breaker. This B+ connector is covered with an empty connector to prevent a short to ground. All P&A kits packaged after the start of the 2004 model year will have the capability to mate with the B+ connector.

Accessories packaged prior to 2004 model year will require the following procedure for use on a 2004 vehicle. Remove the empty connector from the B+, attach the appropriate wire terminal from the list below to the fused accessory power wire, mate the assembled connector with the B+.

Terminal Part Number	Wire Size
72101-04	#14 - 16 AWG
72105-04	#12 AWG
72107-04	#16-18 AWG
72125-04	#20-22 AWG

Note: In addition to ensuring the added circuit is protected by the appropriate 5,10 or 15 A in line fuse you should also be certain not to overload the charging system or the maxifuse.

Accessory Adapter for 2004 Twin Cam and Sportster

For installation of multiple electrical accessories requiring main battery power an Electrical Accessory Adapter, part number 70270-04, is available. When using this adapter with accessories packaged prior to the start of the 2004 model year you will need the appropriate terminals (select from list above) and connectors, part number 72100-04. Be certain all terminals are either used or covered with a blank connector.

2004 P&A Ignition Circuit

2004 Twin Cam models are now equipped with a P&A Ignition circuit, located in the fuse holder, to power small loads such as a relay. This is for accessories that need power only in the Ign position. You can connect by using the proper wire terminal, part number 72309-04 on Touring models and 72434-00 on Softail and Dyna. Electrical accessory kits designed for this circuit and packaged after the start of the 2004 model year include a short adapter harness allowing you to select the proper terminal. This circuit is controlled by a 2A fuse. Do not exceed the rating and do not replace with a larger fuse size. It is intended for low current devices requiring an Ign signal.