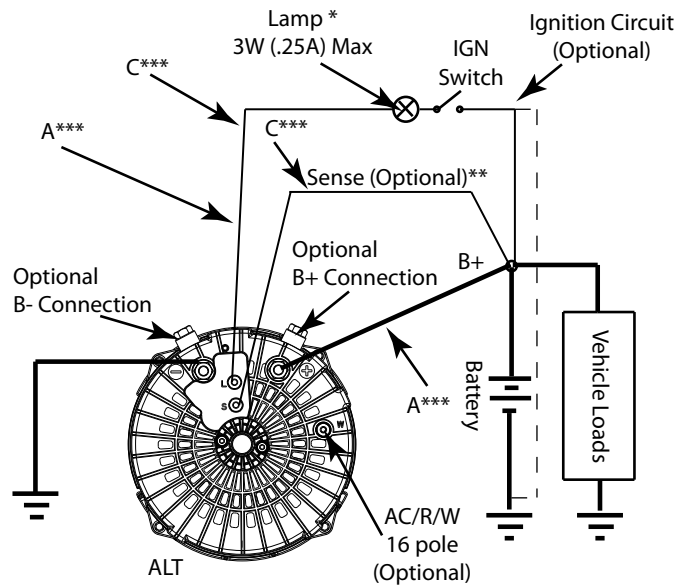


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 Date: June 27, 2017  
 Bulletin No: TSB-1153  
 Models: BLP4000 alternators  
 Subject: Alternator Wiring Instructions

Typical wiring diagrams for all BLP4000 series alternators.



Alternator is self excite. For basic operation B+ and B- needs to be connected. All other connections are optional.

\* Lamp/ Relay circuit;

Lamp circuit is capable of operating a relay not exceeding a current draw of 100mA from the relay coil. The lamp feature is a dual function high side/low side switch.

\*\* Sense Circuit will not work on systems utilizing a battery isolator.

\*\*\* See TSB 1001 for recommended wire sizes.

Terminal Torque Requirements		
Terminal	Torque	
B+	6 +/- 1.2 Nm	53 +/- 11 in-lbs.
B-	6 +/- 1.2 Nm	53 +/- 11 in-lbs.
L	2.0 -2.5 Nm	18-22 in-lbs.
S	2.0 -2.5 Nm	18-22 in-lbs.
W	2.0 -2.5 Nm	18-22 in-lbs.

Important: The information contained in this bulletin is intended for use by trained, professional technicians who have the proper tools, equipment, and training to perform the required maintenance described above. This information is NOT intended for 'do-it-yourselfers'; and you should not assume that this information applies to your equipment. If you have any questions regarding this information please visit our website at [www.prestolite.com](http://www.prestolite.com), or contact our technical service department at: