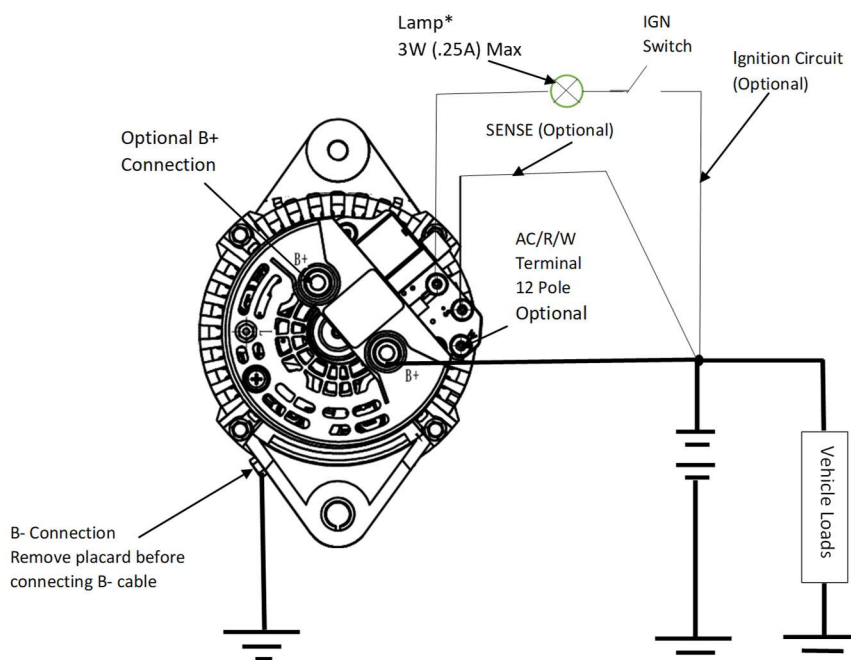


Source: Leece-Neville Heavy Duty Systems Division – Arcade, NY
Bulletin No: TSB-1156 **Date:** November 1, 2021
Models: AVI143J 12V
Subject: Wiring Diagram

Wiring diagrams for AVI143J 12V series alternators.



Alternator is self-excited.

For basic operation B+ needs to be connected. All other connections are optional

Alternator is case ground.

*Lamp / Relay circuit:

Lamp circuit is capable of operating a relay not exceeding a current draw of 100mA from the relay coil.

Terminal Torque Requirements	
Terminal	Torque
B+	8 +/- 1 Nm.
B-	6 +/- 1 Nm.
L, S & W	3.5 +/- 0.3 Nm

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, or contact our technical service department at:

North & South America: Phone: +1 (844) 492-4062 | techservice@prestolite.com
Europe: Phone: +44 20 8231 1000 | techservice@prestolite.com

