

**Source:** Prestolite Electric Leece Neville Heavy Duty Systems-Arcade, NY  
**Bulletin No:** TWB-0055 **Date:** November 26, 2021  
**Models:** 8LHA, 8LHP, LBA, LBP series alternators  
**Subject:** Wiring Diagram

**Wiring diagram for 8LHA, 8LHP, LBA, LBP series alternators with lamp. (12V / 24V)**

The alternator is a self-exciting machine.

For basic operation only B+ and B- connection is required.

The alternator is insulated return.

All other connections are optional.

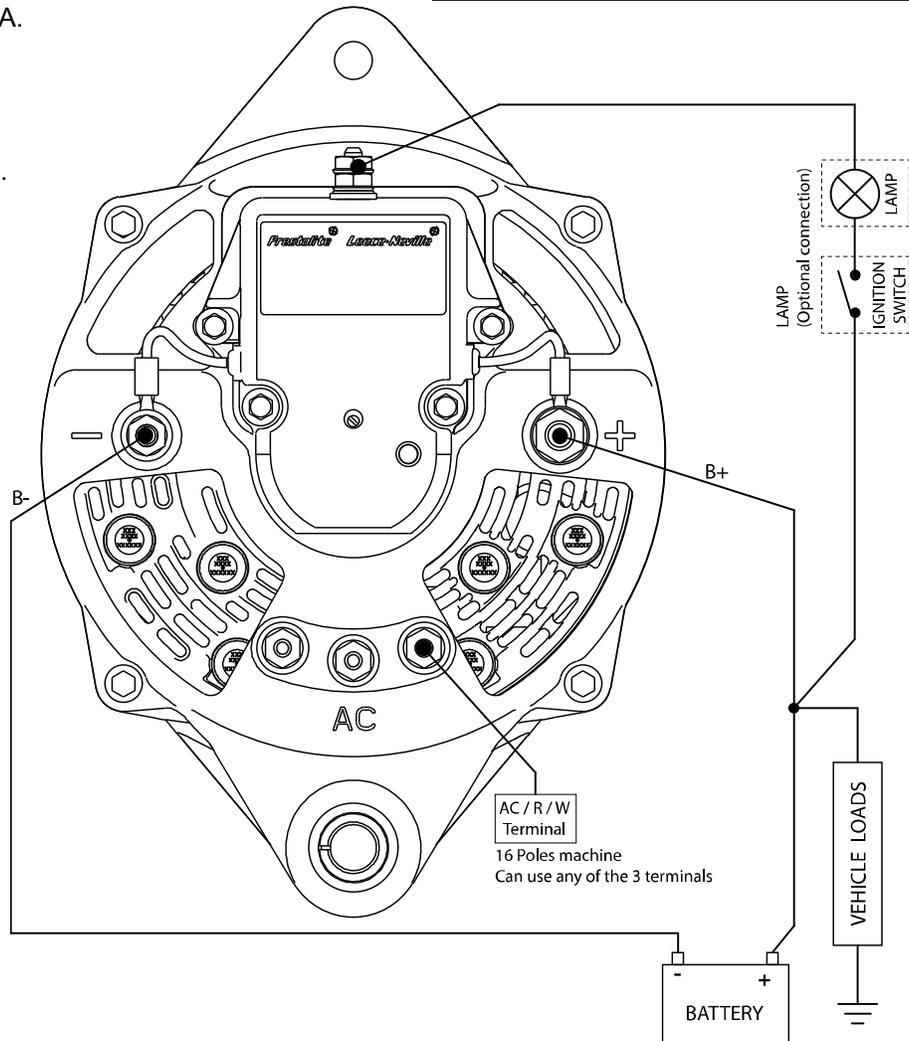
Lamp details: Do not exceed 300mA.

The lamp is simple path to ground and does not supply voltage.

It cannot be used to drive a relay.

Regulator will be damaged if lamp terminal is directly connected to B+.

Terminal tightening torque values	
B+	11.3 – 12.4 Nm
B-	4.5 – 5.6 Nm
L, W	2.8 – 3.4 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](http://www.prestolite.com), or contact our technical service department at:

