

**Source:** Prestolite Electric Leece Neville Heavy Duty Systems

**Bulletin No:** TWB-0095 **Date:** June 15, 2023

**Models:** Self-excite 2000 series alternators

**Subject:** Wiring Diagram



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### Wiring diagram for standard self-excite 2000 series alternators.

The alternator is insulated return and requires B+ and B- connections.  
The alternator is a self-excite machine. A direct connection between B+ and battery positive is required for voltage sensing and excitation.

B+ = Battery positive (Required connection)

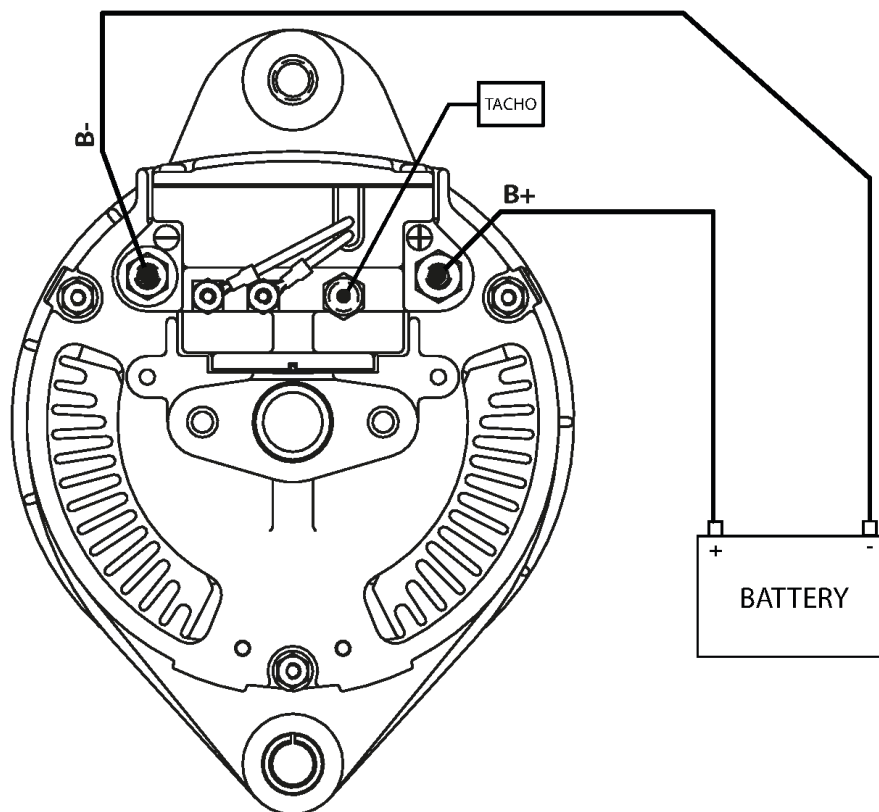
B- = Battery negative (Required connection)

W = Phase / AC output for tacho or relay

Terminal tightening torque values	
B+	9.1 – 13.6 Nm
B-	5.7 – 6.8 Nm
AC / W	2.0 – 2.5 Nm

### Model numbers

A0012511LC (24V / 90A)



**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:



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