

Source: Prestolite Electric Leece Neville Heavy Duty Systems

Bulletin No: TWB-0117 **Date:** September 27, 2024

Models: 8TA2034G

Subject: Wiring Diagram



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Wiring diagram for 8TA2034G 12V alternator

The alternator is an earth return / grounded machine.

Excitation circuit must be routed via ignition switch to prevent battery drain when the system is inactive.

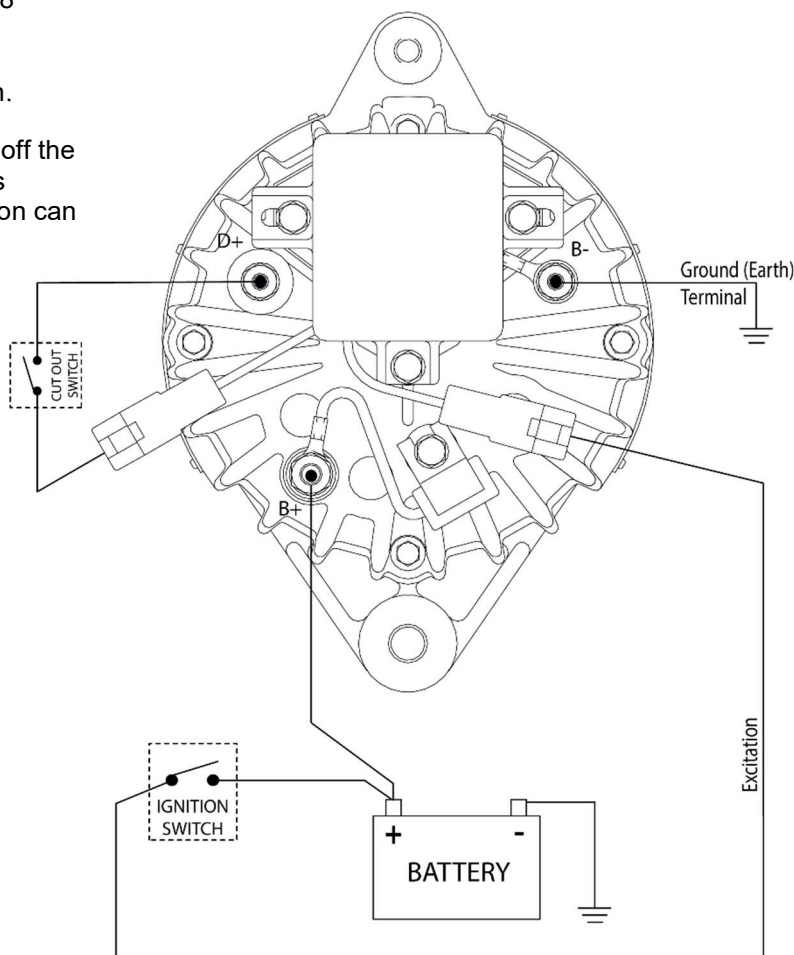
External excitation circuit does not require a resistor or blocking diode.

Mating connector: Packard number 02973778

Do not short circuit (0Ω) the D+ lamp circuit.

Lamp is option and not required for operation.

Cut out circuit gives the ability to turn on and off the alternator while the engine is operating. If this feature is not required, then a direct connection can be made to the alternator D+ terminal.



Terminal tightening torque values

B+ (1/4)	50 – 60 in-lbs.
B- / Ground (#10)	35 – 45 in-lbs.
D+ (#10)	35 – 45 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, or contact our technical service department at:

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