

Source: Prestolite Electric Leece Neville Heavy Duty Systems
Bulletin No: TWB-0106 **Date:** March 12, 2024
Models: 8MR2175F, 8MR2180L, 8MR2185L, 8MR2197T
Subject: Wiring Diagram



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Wiring diagram for 12V 8MR alternator

The alternator is an earth return / grounded machine.

The alternator is a D+ (lamp) excited machine. A lamp must be connected.

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

Lamp details: 2W max.

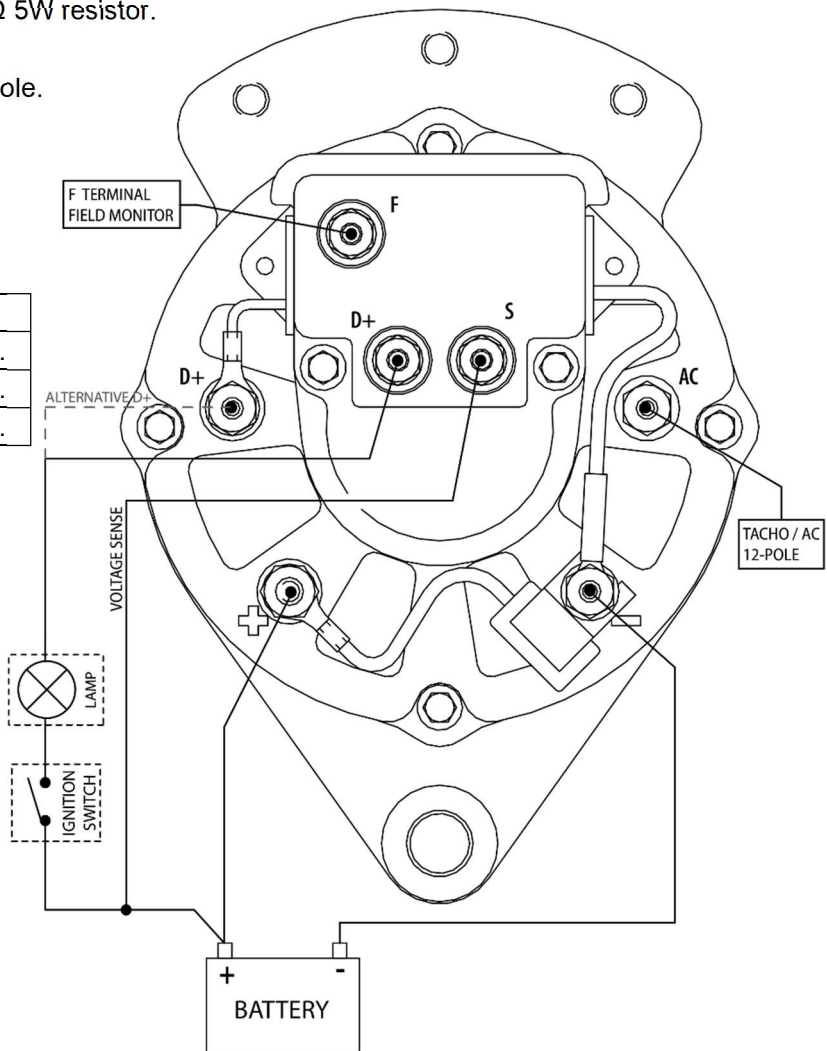
If lamp is not available substitute with 50Ω 5W resistor.

Do not short-circuit the D+ terminal.

Tacho, AC, R connection is optional. 12 pole.

F terminal connection is optional.

Terminal tightening torque values	
B+ (1/4)	50-60 in-lbs.
B- (#10)	35-45 in-lbs.
AC, S, IGN, F, 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:

