

Source: Prestolite Electric Leece Neville Heavy Duty Systems

Bulletin No: TWB-0067 **Date:** February 8, 2022

Models: AVI150J1135HP

Subject: Wiring Diagram



techservice@prestolite.com

Wiring diagram for AVI150J1135HP alternator.

The alternator is earth return (grounded).

The alternator is an ignition excite machine, via Pin3. **This is a required connection.**

Pin1 = Phase (W), Tacho (Optional connection)

Pin2 = Warning lamp (Optional connection)

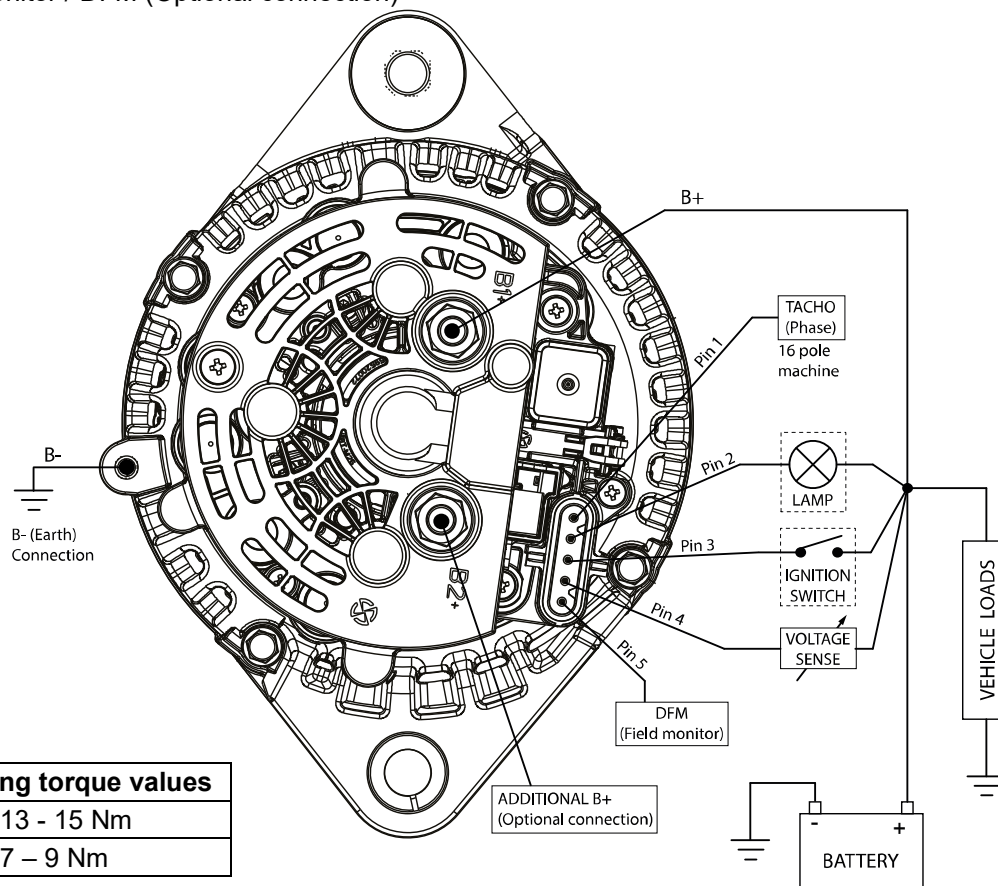
Pin3 = Ignition (Required connection)

Pin4 = Sense connection (Optional connection). If open circuit (unused) the alternator will default to 28.5V.

If short circuit to B+ (0 ohm) the alternator will regulate at 26.0V.

For specific voltage requirements, please contact your Prestolite Sales manager.

Pin5 = Digital field monitor / DFM (Optional connection)



Terminal tightening torque values

B+	13 - 15 Nm
B- (Earth)	7 - 9 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:

Technical Service: techservice@prestolite.com

