

Source: Prestolite Electric Leece Neville Heavy Duty Systems

Bulletin No: TWB-0068 **Date:** February 10, 2022

Models: AVI147J & AVI150J alternators (sense disabled)

Subject: Wiring Diagram



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Wiring diagram for AVI147J & AVI150J with sense disabled regulator. (See listing below)

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)

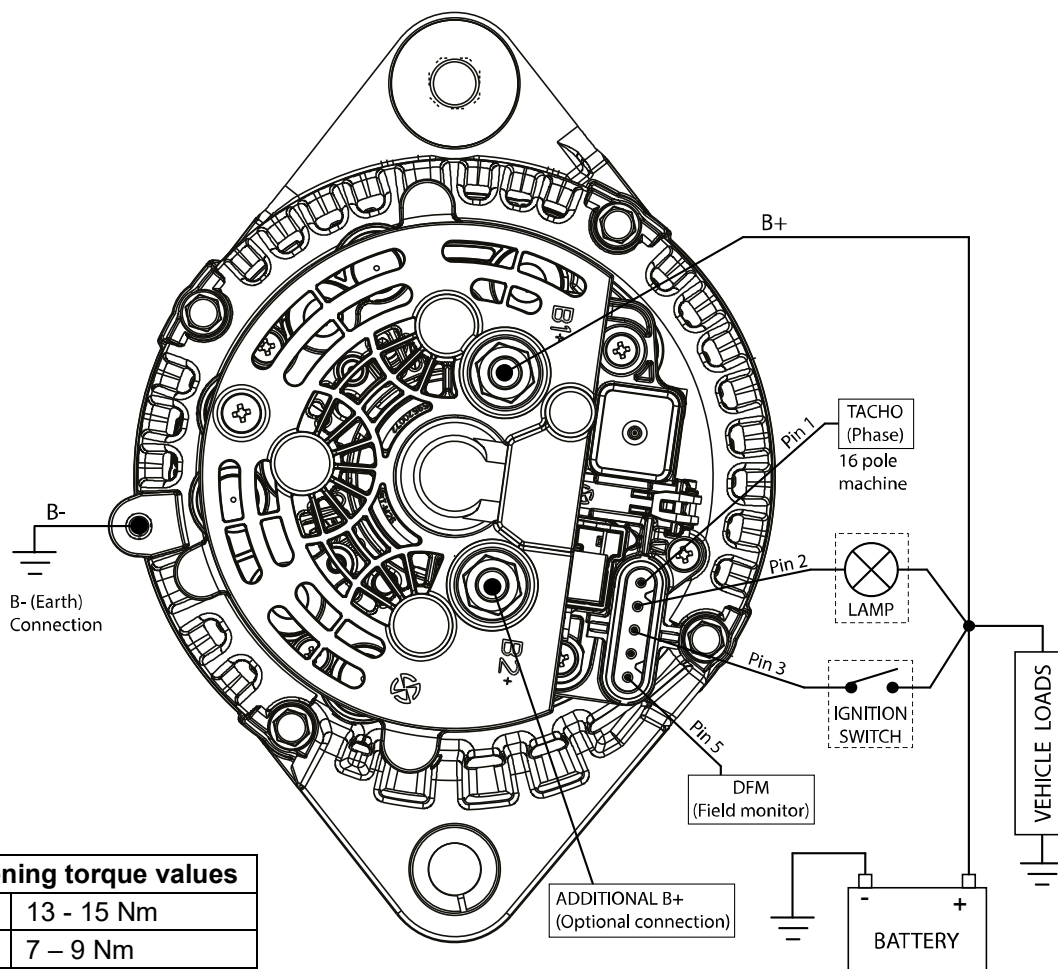
Pin3 = Ignition (Required connection)

Pin4 = Disabled.

Pin5 = Digital field monitor / DFM (Optional connection)

AVI147J3109HD
AVI147J3110HD
AVI147J3113HD
AVI147J3120HD
AVI147J3209HD
AVI147J3213HD
AVI147J3210HD
AVI147J3220HD

AVI150J1106HP
AVI150J1116HP
AVI150J1124HP
AVI150J1136HP
AVI150J1162HP



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

