

Source: Prestolite Electric Leece Neville Heavy Duty Systems
Bulletin No: TWB-0074 **Date:** April 11, 2022
Models: AVI147 & AVI150 Hinge mount alternators (sense disabled)
Subject: Wiring Diagram



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Wiring diagram for AVI147 & AVI150 with basic regulator (sense disabled). (See listing below)

Regulator reference 1861902, 1861938.

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)

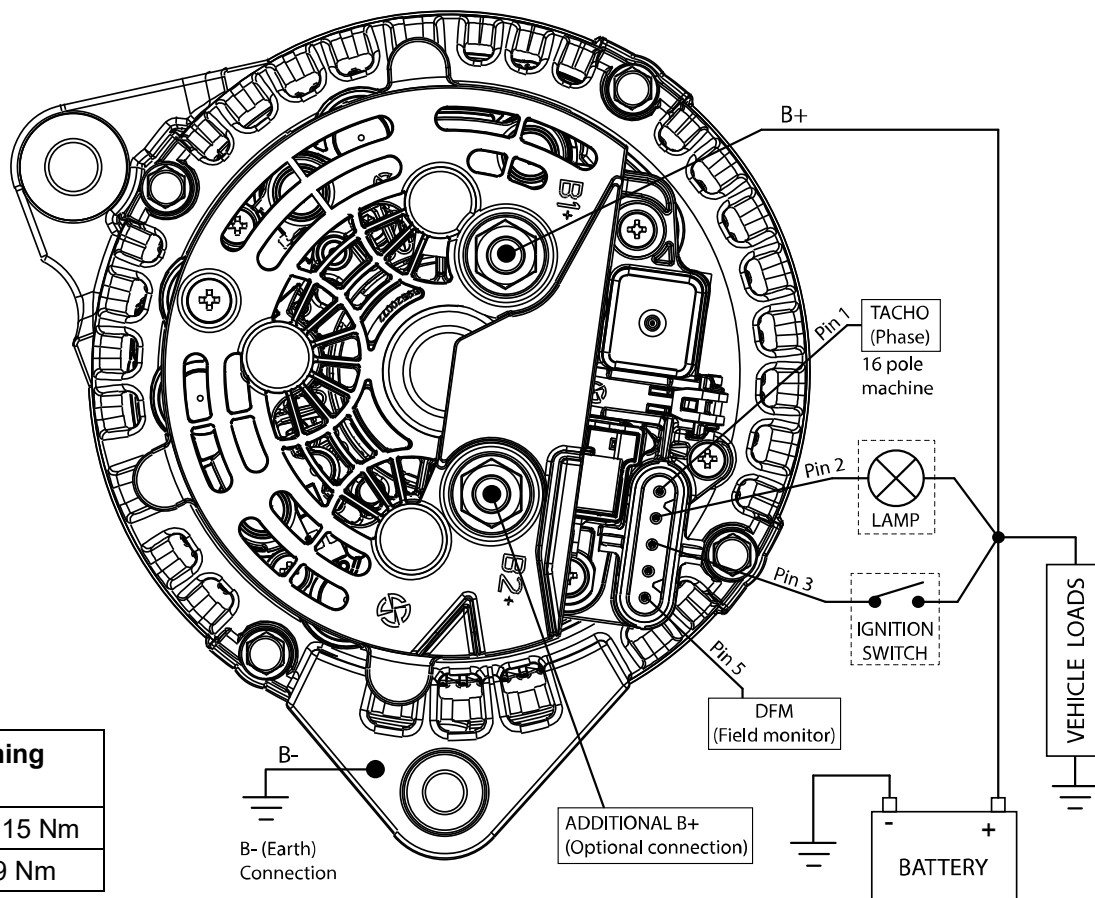
Pin3 = Ignition (Required connection)

Pin4 = Disabled.

Pin5 = Digital field monitor / DFM (Optional connection)

AVI147S3206HD
 AVI147S3208HD
 AVI147S3212HD
 AVI147S3223HD
 AVI147S3236HD
 AVI147S3238HD

AVI150S1108HP
 AVI150S1112HP
 AVI150S1154HP



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:



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