

Source: Prestolite Electric Leece Neville Heavy Duty Systems
Bulletin No: TWB-0096 **Date:** August 15, 2023
Models: AVI150 Insulated return, Voltage sense adjust alternators
Subject: Wiring Diagram



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Wiring diagram for insulated return AVI150 with Voltage sense adjust regulator. (See listing below)

Regulator reference 1861902, 18619.

The alternator is insulated return.

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)

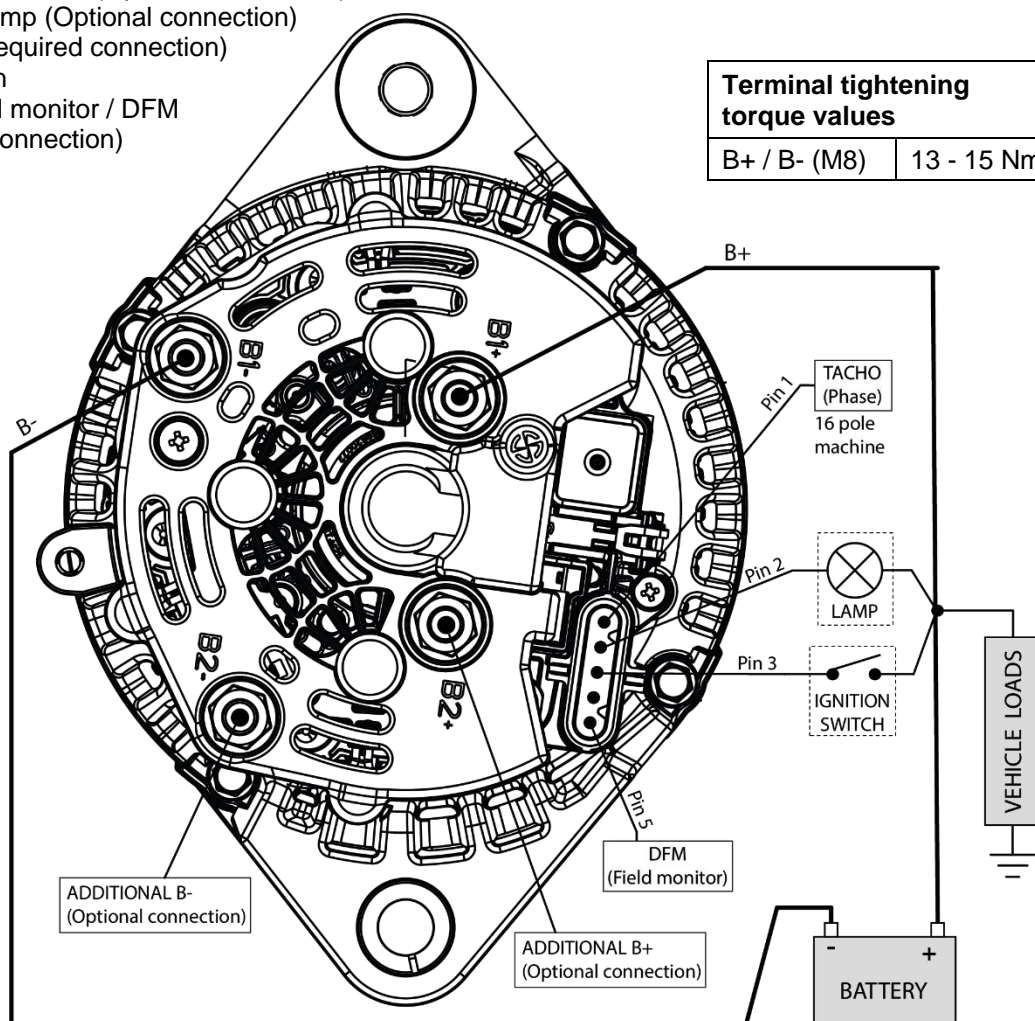
Pin4 = No function

Pin5 = Digital field monitor / DFM
(Optional connection)

**Terminal tightening
torque values**

B+ / B- (M8)	13 - 15 Nm
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AVI150J1134HP
 AVI150J1167HP



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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