

Source: Prestolite Electric Leece Neville Heavy Duty Systems

Bulletin No: TWB-0084 **Date:** October 24, 2022

Models: 8SC3133U, 8SC3157V, 8SC3160V, 8SC3169U

Subject: Wiring Diagram

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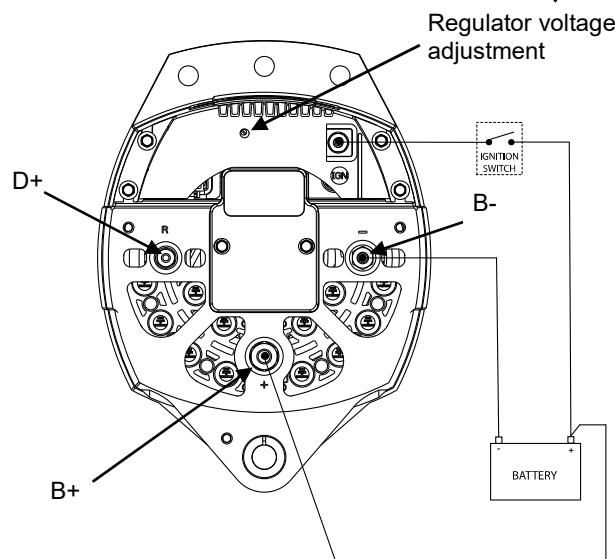
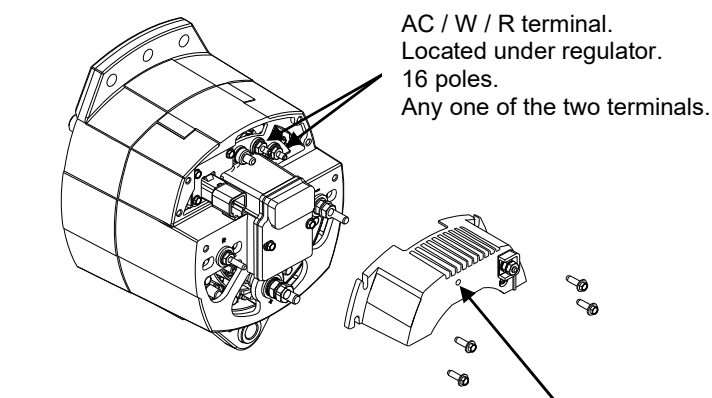
Wiring diagram for 8SC 24V alternators with ignition excite and adjustable voltage regulator.

The alternator is insulated return.

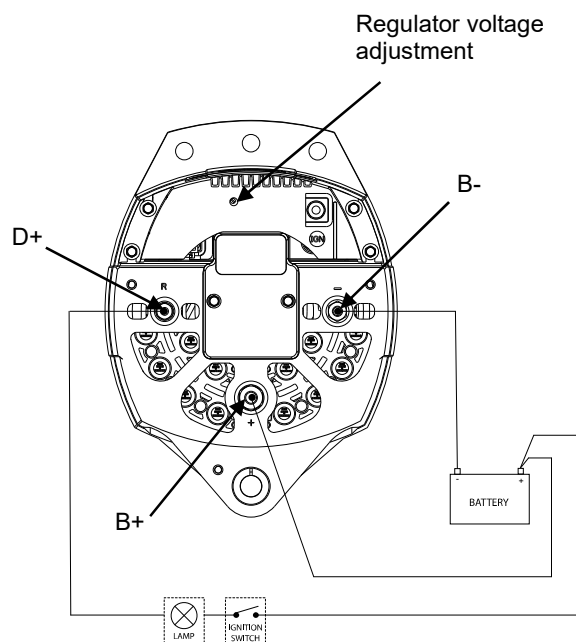
Alternator voltage is adjustable: Range 26.80V-29.50V

Alternator requires an ignition feed in order to operate.

Terminal tightening torque values	
B+	11.3 – 12.4 Nm
B-	7.9 – 9.0 Nm
D+	2.3 – 2.8 Nm
Ign.	2.8 – 3.4 Nm
AC / W / R	2.8 – 3.4 Nm
Regulator mounting screws	4.5 – 5.3 Nm



Wiring without lamp



Wiring with lamp

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

