

Source: Prestolite Electric Leece Neville Heavy Duty Systems
Bulletin No: TWB-0081 **Date:** January 13, 2023
Models: 6602x models with field isolation
Subject: Wiring Diagram



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Wiring diagram for 24V 6602 type alternators with field isolation

(See model listing below)

The alternator is insulated return.

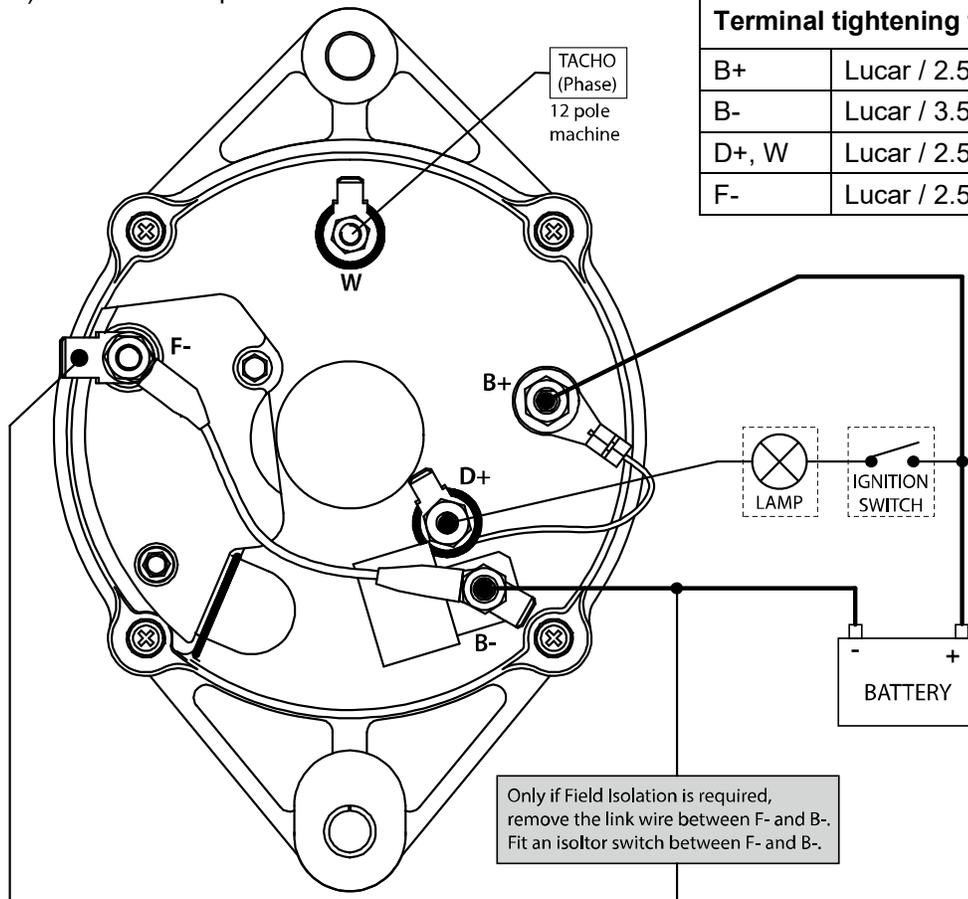
The alternator is a D+ (lamp) excite machine. A lamp must be connected. Lamp circuit must be routed via ignition switch to prevent battery drain when the system is inactive.

Lamp details: 2.8W max.

The alternator is supplied with a link wire between F- and B- terminals. This bypasses the field isolation feature. To enable field isolation, remove the link wire and fit an isolation switch between F- and B-. The alternator will not operate if the link between F- and B- is open-circuit. * Older models supplied without F-/B- link wire.

Tacho (Rev counter) connection is optional.

- 66021490 *
- 66021491 *
- 66021492 *
- 66021493 *
- 66021496 *
- 66021497 *
- 66021507(S)
- 66021544(GB)
- 66021616(A)
- 66021617(A)
- 66021626(A)
- 66021627(A)
- 66021638(A)
- 66021639(A)



Terminal tightening torques	
B+	Lucar / 2.5 - 3 Nm
B-	Lucar / 3.5 - 4 Nm
D+, W	Lucar / 2.5 - 3 Nm
F-	Lucar / 2.5 - 3Nm

Only if Field Isolation is required, remove the link wire between F- and B-. Fit an isolator switch between F- and B-.

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:

