



**C. E. Niehoff & Co.**  
BRUSHLESS ALTERNATORS

## N1602-1 Alternator / N3118 Regulator

**OEM Wiring Connections  
Dual or Single Voltage  
Installation Instructions**

### DUAL VOLTAGE (28 V/14 V) applications

(see other side for single voltage):

1. Connect as shown on this page.

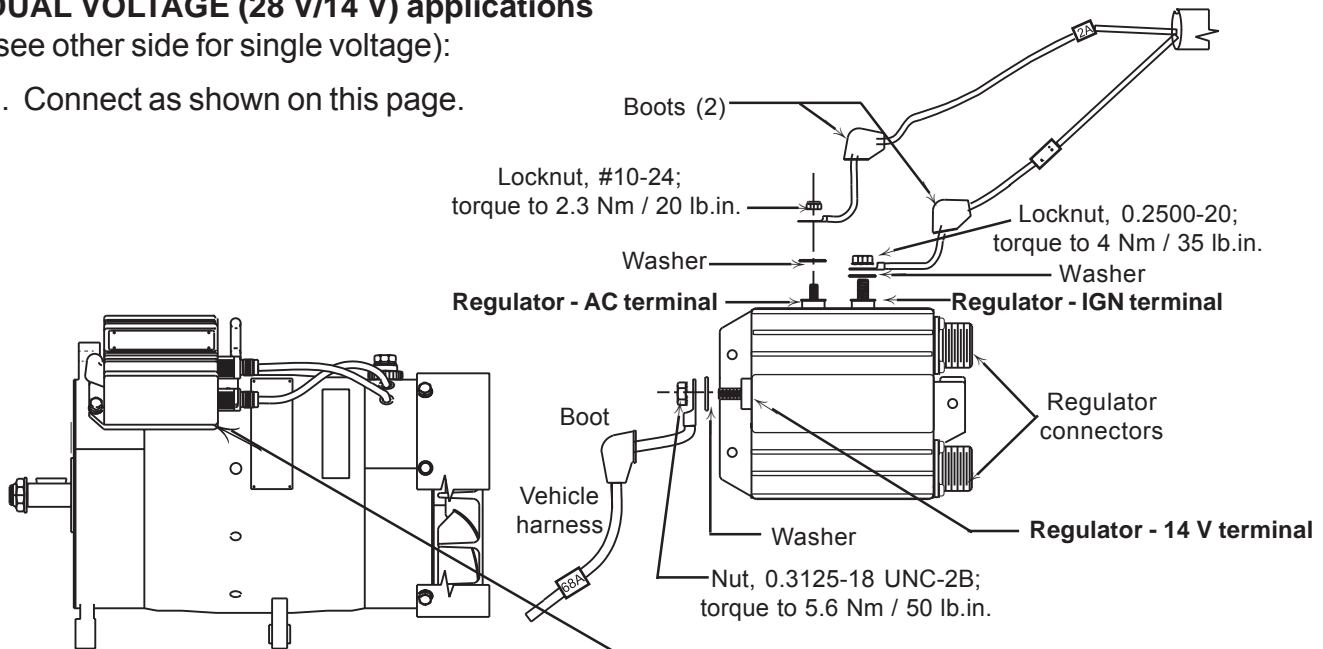


Figure 1- N1602-1 Alternator

Figure 1a - N3118 Regulator Wiring Connections

### B+ connections on alternator

Bolt, 0.3750-16 UNC-2A; torque to 20 Nm / 15 lb.ft. when securing B+ cables. Both positive cables must be connected together at battery positive potential when alternator is installed in vehicle and during operation. Interconnect cable is part of vehicle cabling.

### B- connections on alternator

Bolt, 0.3125-18 UNC-2A; torque to 9 Nm / 80 lb. in. when securing B- cables. Both ground cables must be connected to vehicle's common ground when alternator is installed in vehicle and during operation.

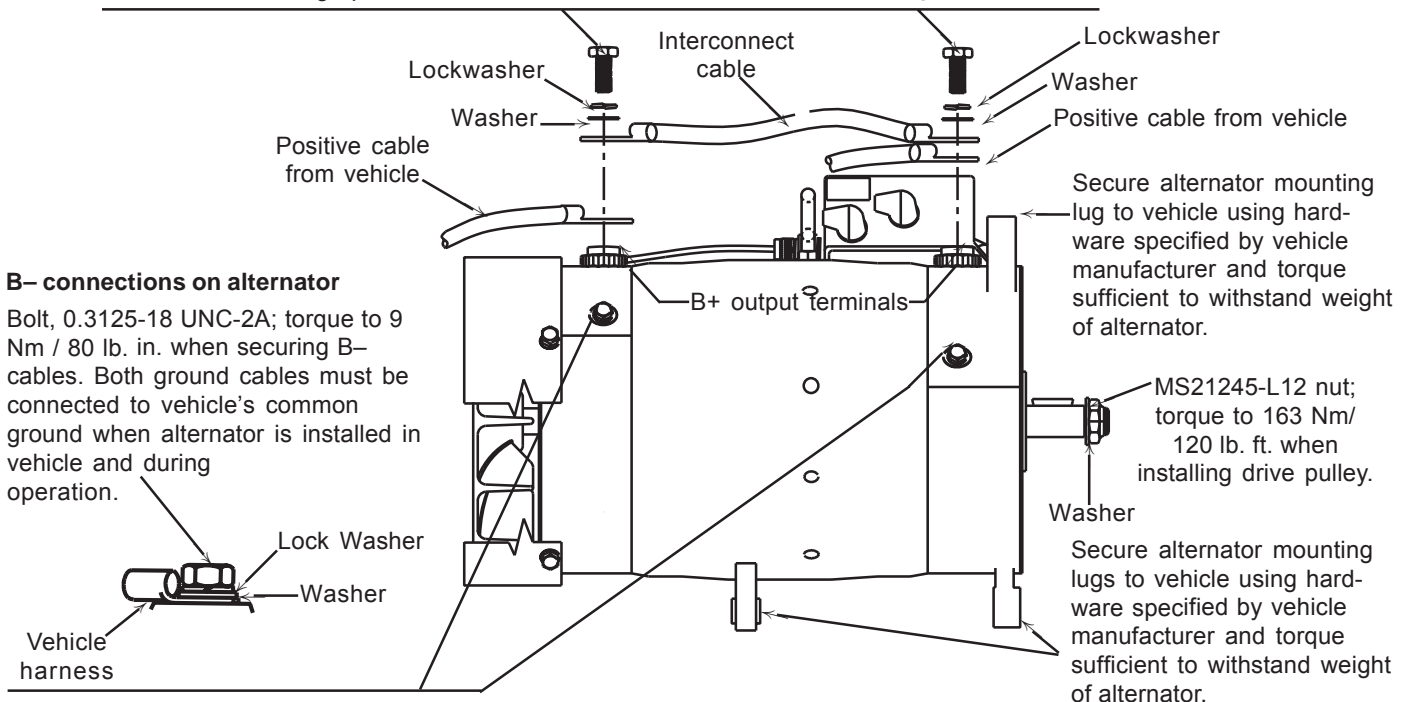


Figure 1b - B+ and B- Terminal Connections

