28/14 V applications
(see other side for 28 V):
Connect as shown on this page.

![Diagram of N1610-1 Alternator / N3247 Regulator Wiring Connections]

**B+ connections on alternator**
Bolt, 0.3750-16 UNC-2A; torque to 20 Nm / 15 lb.ft. when securing positive cable of suitable size for output power. Both positive cables must be connected together at battery positive potential when alternator is installed in vehicle and during operation. Cable as shown must be used as part of vehicle cabling.

**B– connections on alternator**
Bolt, 0.3125-18 UNC-2A; torque to 9 Nm/80 lb. in. when securing B– cable of suitable size for output power. Both ground cables must be connected to vehicle’s common ground using interconnect cable B– plus cable of suitable size as part of vehicle cabling when alternator is installed in vehicle and during operation.

![Diagram of B+ and B– Terminal Connections]

Secure alternator mounting lugs to vehicle using hardware specified by vehicle manufacturer and torque sufficient to withstand weight of alternator.
28V applications
(see other side for 28/14 V):
Connect as shown on this page.

**Figure 2- N1610-1 Alternator**

**B+ connections on alternator**
Bolt, 0.3750-16 UNC-2A; torque to 20 Nm / 15 lb.ft. when securing positive cable of suitable size for output power. Both positive cables must be connected together at battery positive potential when alternator is installed in vehicle and during operation. Cable as shown must be used as part of vehicle cabling.

**B– connections on alternator**
Bolt, 0.3125-18 UNC-2A; torque to 9 Nm/80 lb. in. when securing B– cable of suitable size for output power. Both ground cables must be connected to vehicle’s common ground using interconnect cable B– plus cable of suitable size as part of vehicle cabling when alternator is installed in vehicle and during operation.

**Figure 2a - N3247 Regulator Wiring Connections**

**Figure 2b - B+ and B– Terminal Connections**