N1511-1 Alternator / N3207 Regulator

Installation Instructions

C. E. Niehoff & Co.

BRUSHLESS ALTERNATORS

Figure 1 – N1511-1 Alternator Mounting

M10 Mounting hardware
SAE Grade 5 min.
torque to 35 Nm/26 lb. ft.

Figure 2 – N1511-1 Regulator Mounting

M12 Mounting hardware
SAE Grade 5 min.
torque to 80 Nm/60 lb. ft.

Screw, .2500-28
torque to 8.5 Nm/75 lb. in.
28 V B+ terminal connection "RED" to 28 V battery positive terminal

28 V B– terminal connection to 28 V battery negative terminal

28 V B– terminal connection to chassis ground

Energize terminal connection to vehicle energize circuit—torque to 3.4 Nm/30 lb.in.

AC terminal connection to vehicle AC circuit (remove boot on regulator and connect cabling) — torque to 3.4 Nm/30 lb.in.

14 V B+ terminal connection “YELLOW” to 14 V battery positive terminal

Terminal and Vehicle "B+" lead

Terminal on vehicle ground lead

Terminal and Vehicle "B+" lead

Spring Washer

Washer

Lock Washer

Ground Terminal Bolt .3125-18- torque to 9 Nm/80 lb. in.

B+ Terminal Bolt .3750-16- torque to 15 Nm/11 lb. ft.