



C.E. Niehoff & Co.
BRUSHLESS ALTERNATORS

A9-4000 & A9-4001 Extended Wiring Harnesses for Remote-Mounted A2-326 Regulator with C520 Alternator

Installation Instructions

1. Before installing regulator, make sure battery-age switch on back of regulator is set for appropriate battery age in years. See Table 1 and Figure 1. Then install regulator in location determined by vehicle manufacturer.
2. Connect 20-ft. A9-4000 extended wiring harness between regulator and alternator. Make sure harness plugs are securely connected to regulator and alternator sockets.
3. Using cable ties every 12-14 inches, securely support wiring harness between alternator and regulator.
4. Connect A9-4001 battery sense harness to J1939 connector on regulator.
5. Complete remaining connections from battery sense harness as shown in Figure 2.

Setpoint	Battery Age (Years)
1	New
2	1
3	2
4	3+

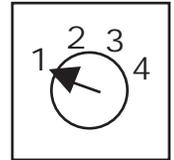


Figure 1 –
4 Battery-Age
Setpoints

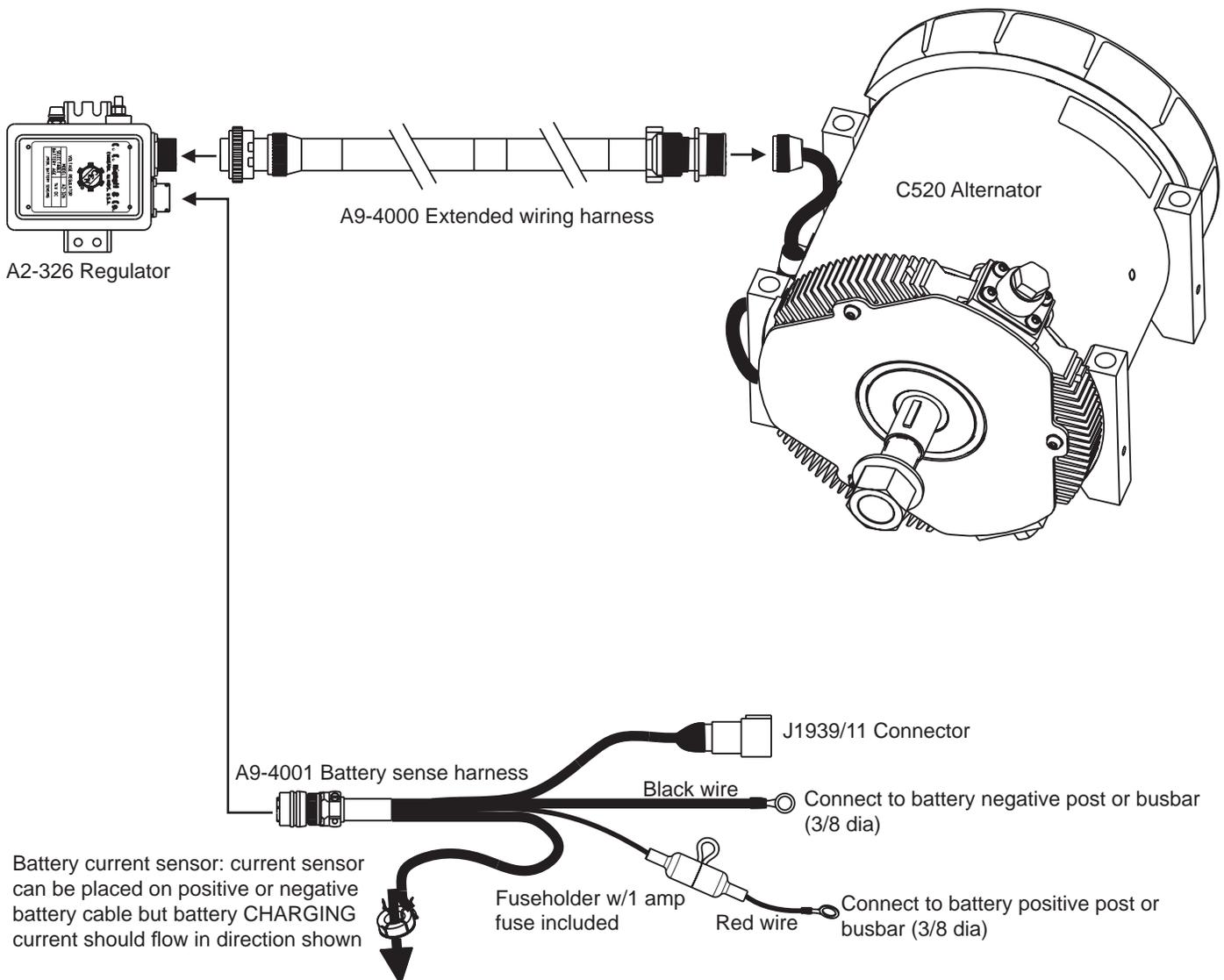


Figure 2 – Remote-Mounted A2-326 Regulator/C520 Alternator with Extended Wiring Harnesses