



C.E. Niehoff & Co.

Service Bulletin

Troubleshooting

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Topic: Troubleshooting “No Output” Condition

Products: 600 and 700 Series CEN Alternators with Dual Diode Trios

When troubleshooting a “no output” condition for the above alternators, it is important to check the operation of the D+ circuit in the alternator.

With engine off, battery switch off: **Disconnect B+ battery cable at alternator.** Disconnect alternator-to-regulator harness plug. Set digital multimeter (DMM) on Diode Test. Connect meter leads to pin E in the plug and to B+ terminal on the alternator. The meter should read blocking (OL). Reverse leads and meter should also read blocking (OL).

If the tests do not show the desired results, the D+ circuit in the drive end housing is defective. The drive end housing and the regulator must be replaced.

These tests will be added to the appropriate service manuals and troubleshooting guides.

If you have any questions on the tests, please contact the CEN Service Department.

Please file this CEN Service Bulletin with your CEN Literature.

Please forward a copy of this information to the appropriate people in your facility.