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## TESTING A MC-614 BALMAR EQUIPPED ALTERNATOR

### **1. Does the Balmar MC-614 light up with ignition?**

If YES, then go to STEP 2.

If NO, test 10A Power & Ignition wire. If 10A fuse blows after replacing, it is the regulator at fault.

### **2. What is the reading on the MC-614 display for BV?**

If it is the same as the battery voltage at the G/U alternator post, go to STEP 3.

If 0.00, check the #9 wire & 1A fuse (Can replace with 5)

### **3. What is the voltage at the blue field wire with engine running?**

Normal voltage is 8-12 volts, depending on needed output.

No voltage = Bad MC-614 regulator

### **4. If voltage is within specs at the blue field wire?**

Verify that voltage to the blue field wire is getting to the plug at the alternator and that no wires are damaged or disconnected.

Please refer to the troubleshoot guide for an in depth testing procedure for the system. This is only one part of the power system.