

Re: alternator circuit question

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the regulator is internal to the PCM, not external. been awhile since i worked on this vehicle so i cant tell you the circuit numbers, but.....you have the 2 field wires, i believe they are both green wires..... with the key on, car not running you should have battery voltage to one of those wires, remember which one it is, now start the car, the other wire is going to the PCM, if you ground that wire it will full field the alterator, that will tell you if the alt is putting out... if it does start charging when you do that..trace that wire back to the PCM and make sure it is a completed circuit, assuming it is and the alt is not charging, replace the pcm, thats a 100amp alt. i would not tamper or modify it in any way

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"Jon G." <jon8338@peoplepc.com> wrote in message
news:bTand.3200\$Qh3.682@newsread3.news.atl.earthlink.net...

- > *I have a 91 Plymouth Acclaim, and the alternator doesn't charge*
- > *the battery. I took the alternator out and had it tested, and*
- > *there's nothing wrong with it. I put a new battery in it, but*
- > *it still won't charge. I checked the fuseable link from the*
- > *alternator to the battery, and there is continuity. Therefore,*
- > *it must be the computer.*
- >
- > *there are 4 connections on the alternator*
- >
- > *L1: direct to battery, positive*
- > *L2: direct to battery, negative*
- > *c1: small wire, logic, to computer, activates diode*
- > *c2: small wire, logic, to computer, also battery ground.*
- >
- > *I want to activate the alternator continuously and put on an*
- > *external voltage regulator.*
- >
- > *What must the voltage (and current), to the logic inputs c1 & c2*
- > *be to do so?*
- >
- > *I have in mind to run a potentiometer between L1 and c1, and*
- > *adjust it until the alternator kicks on.*
- >
- > *The schematic shows that c1 goes to the coil of a transformer in*

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> *the alternator, which then goes to one of the diodes (an SCR?)*