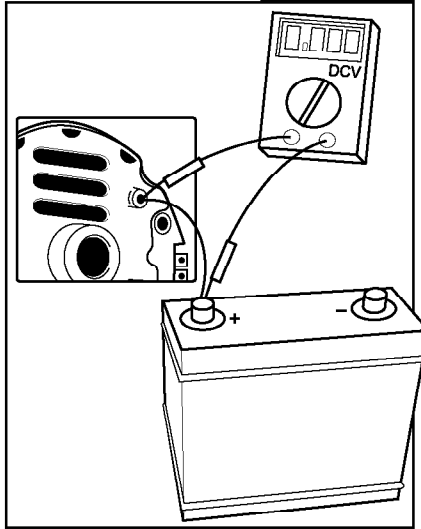
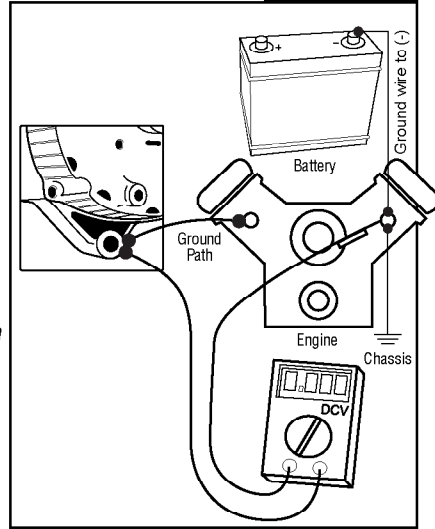


**TEST 1**



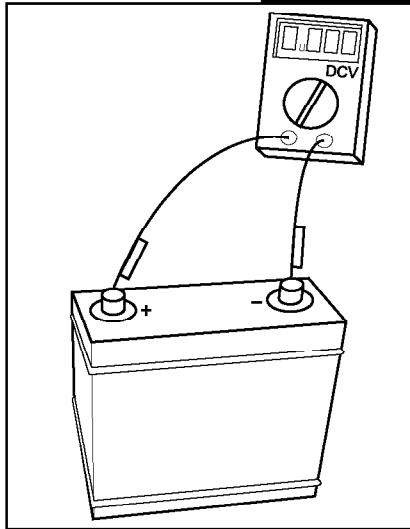
With DVM set to DC volts and engine running, check voltage drop between alternator battery post and (+) battery post on battery. Voltage should be less than 0.40 volts. If greater, replace alternator charge cable.

**TEST 2**



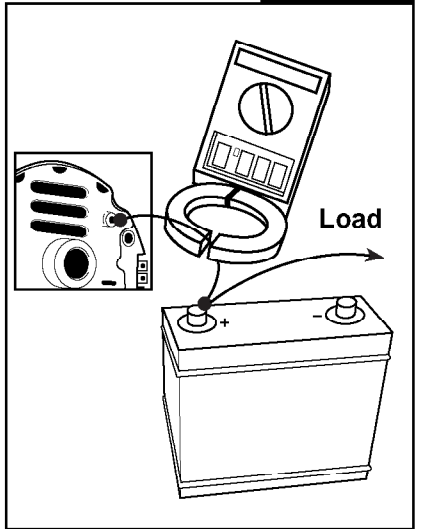
With DVM set as in Test 1, check voltage drop between alternator foot bracket on adjustment ear and battery ground (-) terminal. Voltage should be less than 0.10 volts. If higher, check grounding path.

**TEST 3**



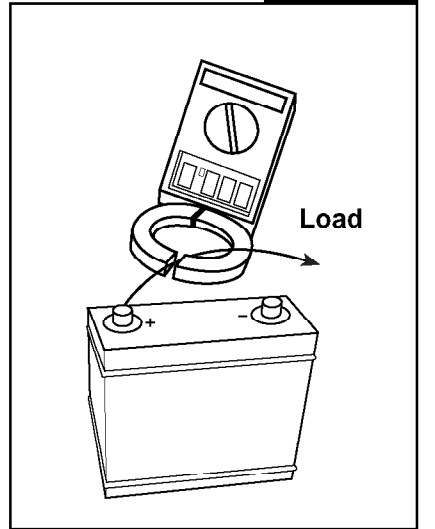
To check charge voltage, set DVM to 0-100 VDC scale and read voltage. A fully charged battery with engine running will read 13.8-14.2 VDC ( $\pm 0.5V$ ).

**TEST 4**



With a digital DC clamp meter set to DC amps, measure the amount of current the alternator is putting out under full load conditions. Do not exceed amp rating of alternator. If more amps are needed, replace with a higher output alternator.

**TEST 5**



Place clamp meter around power feed cable (+). Turn on one electrical source at a time to determine individual item's current draw in amps. Then turn on all electronics to determine total electrical draw.