

Vehicle Electrical/Electronics Troubleshooting Newsletter

Veejer Enterprises - Garland, Texas



Vehicle Electrical Troubleshooting Tip

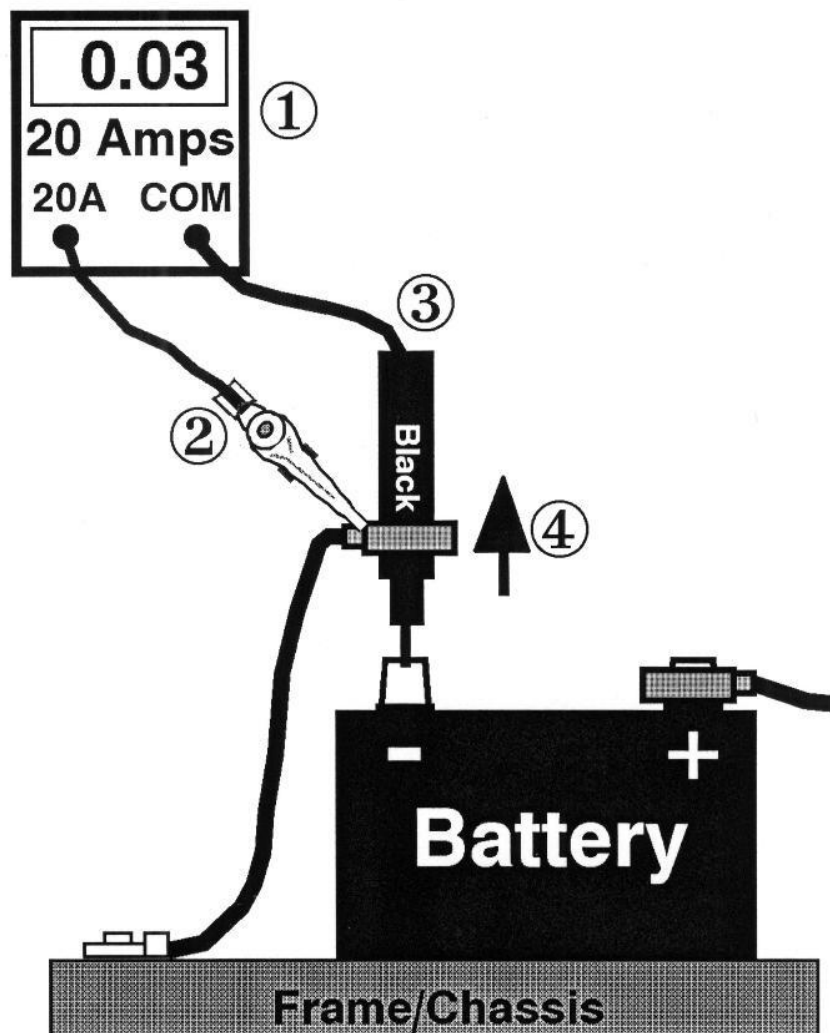
18 April, 2011

Easy Ignition Key-Off Battery Drain Test

Greetings to all who have recently signed up for our newsletter!

Here is a quick and easy way to test ignition key-off battery drain and not erase computer memory during the test. All you need is a DMM with a 10A/20A function. The illustration below shows you how in 4 easy steps that should take about 1 minute to perform. All you need is a DMM.

Quick Test for Key-Off Battery Drain



- Step 1: Set up DMM to measure 10A/20A whichever your DMM provides.**
- Step 2: Connect the 20A test lead to the negative battery cable clamp with a alligator clip to make a secure connection that won't fall off.**
- Step 3: Connect DMM black COM test lead to the battery negative post as shown.**
- Step 4: Loosen battery negative cable clamp and lift cable clamp up from the battery post.**

The DMM will indicate the key-off drain without interrupting voltage to the electrical system. In the example above the key-off drain is 0.03 amps or in the range of 30-35 mA. Make certain the black test lead remains in contact with the negative post until the cable clamp is secured to the post again.

For more testing tips on using a DMM and a Current Clamp to test electrical circuits on-the-vehicle to save time just click on this link to read about our Electrical *SHORTCUTS* book. <http://www.veejer.com/shortcuts.html>

FREE 2011 MAGNETIC CALENDARS

We still have a few small magnetic 2011 calendars that will stick to your tool box or office file cabinet. If you would like to have one just send us an email with your address and say "calendar". We'll drop it in the mail to you. We'll even pay the postage to all USA Zip codes. Offer good while supplies of calendars last.

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