



TESTING

BATTERY AMPS DRAW

Test Meter

A test meter like this one in image will be needed to test the AMP draw

[link to correct meter](#)

Must have AC and DC AMPS function

Also function button to change between AC and DC



FIRST

Jack the rear of the vehicle up off the ground

Support axle with axle stands



Testing 1

When vehicle is securely jacked up and safe you will need access to the controller area, remove the 4 x Allen key bolts to the controller cover and remove.

Once you have access to the controller it may be necessary to remove any cable ties around the B+ cable for ease of testing.



Testing 2

First set the meter to DC- AMP's setting before locating the test meter as seen in image

To change meter from AC TO DC use function button



Testing 3

Now make sure battery isolator and ignition are turned on, select drive and depress accelerator fully while someone takes the reading from the test meter.

This vehicle's speed is set at 45Km/h, at full acceleration with the rear wheels off the ground the meter reading was 12.3 AMPs



Results

If the result reading on the test meter is considerably higher reading than 12.3 AMPs, the motor could be drawing higher AMPs, possibly a fault with one of the following increasing the AMPs draw from the batteries.

- **Front brakes are binding**
- **Rear brakes are binding**
- **Gearbox has problem**
- **Axle has problem**
- **Motor has problem**

Further investigation would be required to find out what is causing the increased AMP draw on the batteries.