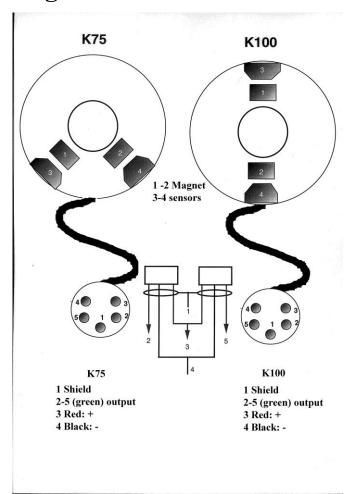
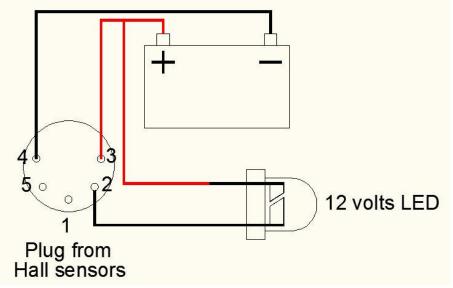
Testing the Hall sensors on a K bike



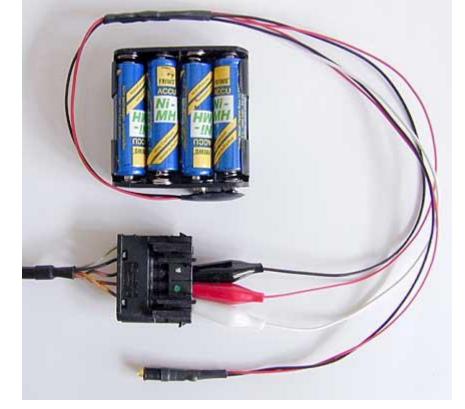
Testing Building and using a simple test set

To find out which sensor(s) have failed you need a simple test set. All you need to build it are the following parts, a 12v power source, three small insulated crocodile clips, wire, heat shrink tube and a 12v LED(that's an LED that's had a resistor built in to make it work from a 12v supply). To test the LED put the white and black crocs together, the LED should light. Follow the schematic diagram below:
Important: Do not use a conventional bulb of any kind, it will draw too much current and damage the sensors irreparably.

Below is the test schematic for a K bike. Sensors output are on pin #2 and #5 of the sensor plug.



The following test is done on an R bike. The K bike has a round plug as noted above



Any good sensor should light the LED until something metallic, like a feeler gauge, is introduced in to the sensors gap, the LED will then go out.

Any sensor that doesn't light the LED or doesn't go out when the sensor gap is obstructed is defective.