## ELECTRICAL VALUES AND TEST PROCEDURES

Note: All Values ± 10%
Note: Test equipment = VOM with OHMS x 0.1 and OHMS x 1000 scale
Note: All tests performed with each part removed from motorcycle

**Full Wave Rectifier** (P/N 11105010)

The test chart shows resistance for each test in ohms. Care should be taken when reading the chart. Make sure each lead is properly hooked up and that you are on the correct column vertically and horizontally. Use an ohmmeter with an ohms X 1 and ohms X 1000 scale.

| PUT TESTER POS (+) LEAD ON: | | WHITE | R/W | G/Y | MOUNTING POST |
|---|---|---|---|---|---|
| PUT TESTER NEG (–) LEAD ON: | WHITE | | 6- 7Ω | 50,000Ω | 50,000Ω |
| | R/W | 50,000Ω | | 50,000Ω | 50,000Ω |
| | G/Y | 50,000Ω | 6- 7Ω | | 50,000Ω |
| | MOUNTING POST | 6-7Ω | 15-20Ω | 6-7Ω | |

**High Tension Coil** (P/N 92005011)

(+) test meter lead to the Black wire, and the (–) test meter lead to ground = 1.4Ω

(+) test meter lead to the spark plug wire, and the (–) test meter lead to ground = 5,750Ω

**Primary Ignition Coil** (P/N 92005002)

(+) test meter lead to the Black wire, and the (–) test meter lead to ground = 0.8Ω

**Lighting Coil, Small** (P/N 92006002)

(+) test meter lead to "tap" or jumper wire that goes from the small lighting coil to the large lighting coil, and the test meter lead to Black = 0.075Ω

**Lighting Coil, Large** (P/N 92005004)

(+) test meter lead to the White wire, and the (–) test meter lead to the "tap" or jumper wire = 1.2Ω

(+) test meter lead to the White wire, and the (–) test meter lead to the Violet wire = 0.03Ω

(+) test meter lead to the "tap" or jumper wire, and the (–) test meter lead to the Violet wire = 0.09Ω

## STANDARD CHARGING RATE WITH BATTERY INSTALLED IN MOTORCYCLE

Use an ammeter with a 5 amp scale. Disconnect the Green/Red wire from the (–) side of the battery. Plug one meter test lead into the male connector and the other meter test lead into the female connector. Start the motorcycle and observe the meter reading at each engine speed given in chart.


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