ES2 1961

Stator – 47209A 5 68 (12V?), 3 wires out.

Rotor - Ok, it holds its own weight

Powerbox – Wassel three wire

Battery – 12 V

Bulbs – 12V

Coil – 40mm dia, resistance 3.7 Ω, has a “6” stamped on it – I assume 6V

In-line resistor – 1.8 ohms, so coil + resister = 5.5 Ω

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Volts at battery/amps (multimeter)** | Ignition on, not running | Idling | Fast idle | Revving |
| Battery Volts -ignition off | 12.56 |  |  |  |  |
|  |  | No lights | 12.0/-2.7 | 12.1/-1.4 | 12.6/0 | 13.3/+1.8 |
|  |  | Side on | 11.9/-3.4 | 12.0/-2.5 | 12.3/-1 | 13.1/+1.3 |
|  |  | Head on | 11.6/-6.2 | 11.7/-5.5 | 12/-4 | 12.2/-1 |

**Current from stator - AC**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Amps AC | From stator | Wire 1 | Wire 2 | Wire 3 |
|   | Idling | 0.5 | 0.2 | 0.6 |
|   | Revving | 4.5 | 1.2 | 3 |