EST 1

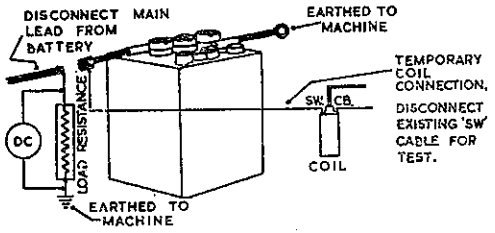
## CHECKING D.C. OUTPUT

A) CONNECT AN AMMETER (0-10 AMPS) IN SERIES WITH BATTERY

| SWITCH POSITION | READING |
|---|---|
| OFF | ½-1½ AMPS |
| LOW | 2½-3½ " |
| HIGH | 3½-4½ " |

IF BATTERY IS IN POOR CONDITION OR LOW STATE OF CHARGE USE 'TEST 1 (b)'

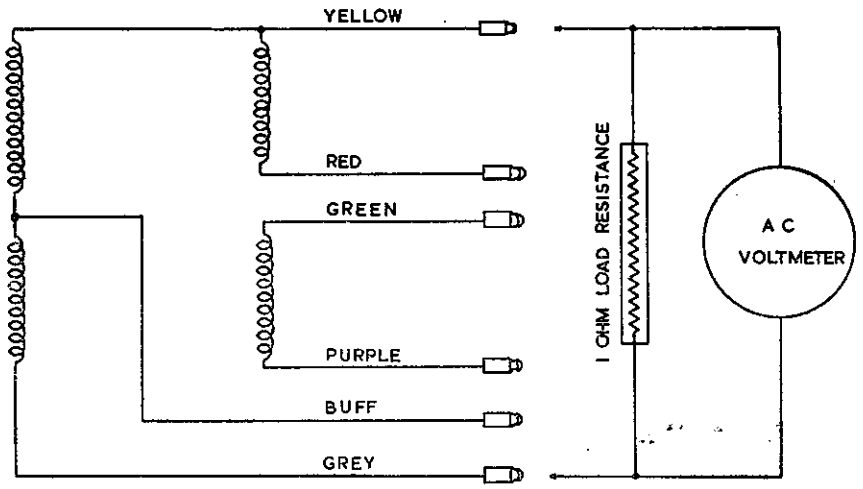
B) CONNECT 1 OHM RESISTANCE IN PLACE OF BATTERY. TURN IGNITION SWITCH TO "IGN" POSITION AND FEED COIL SEPARATELY FROM BATTERY




| SWITCH POSITION | READING |
|---|---|
| OFF | 1¼-2¼ VOLTS |
| LOW | 3-3½ " |
| HIGH | 4-4½ " |

RUN ENGINE AT 4,000 RPM (Approx.) FOR THE ABOVE TESTS.

## TEST 2 USING AN A.C. VOLTMETER AND 1 OHM LOAD RESISTANCE




FOR THESE TESTS RUN ENGINE AT 4000 R.P.M. (APPROX)

| VOLTMETER CONNECTIONS | READING |
|---|---|
| YELLOW & RED | 7¼-8¼ VOLTS |
| YELLOW & BUFF | |
| GREY & BUFF | |
| GREEN & PURPLE | |

NO READING SHOULD BE OBTAINED BETWEEN ANY ONE LEAD AND THE GENERATOR BODY (EARTH)