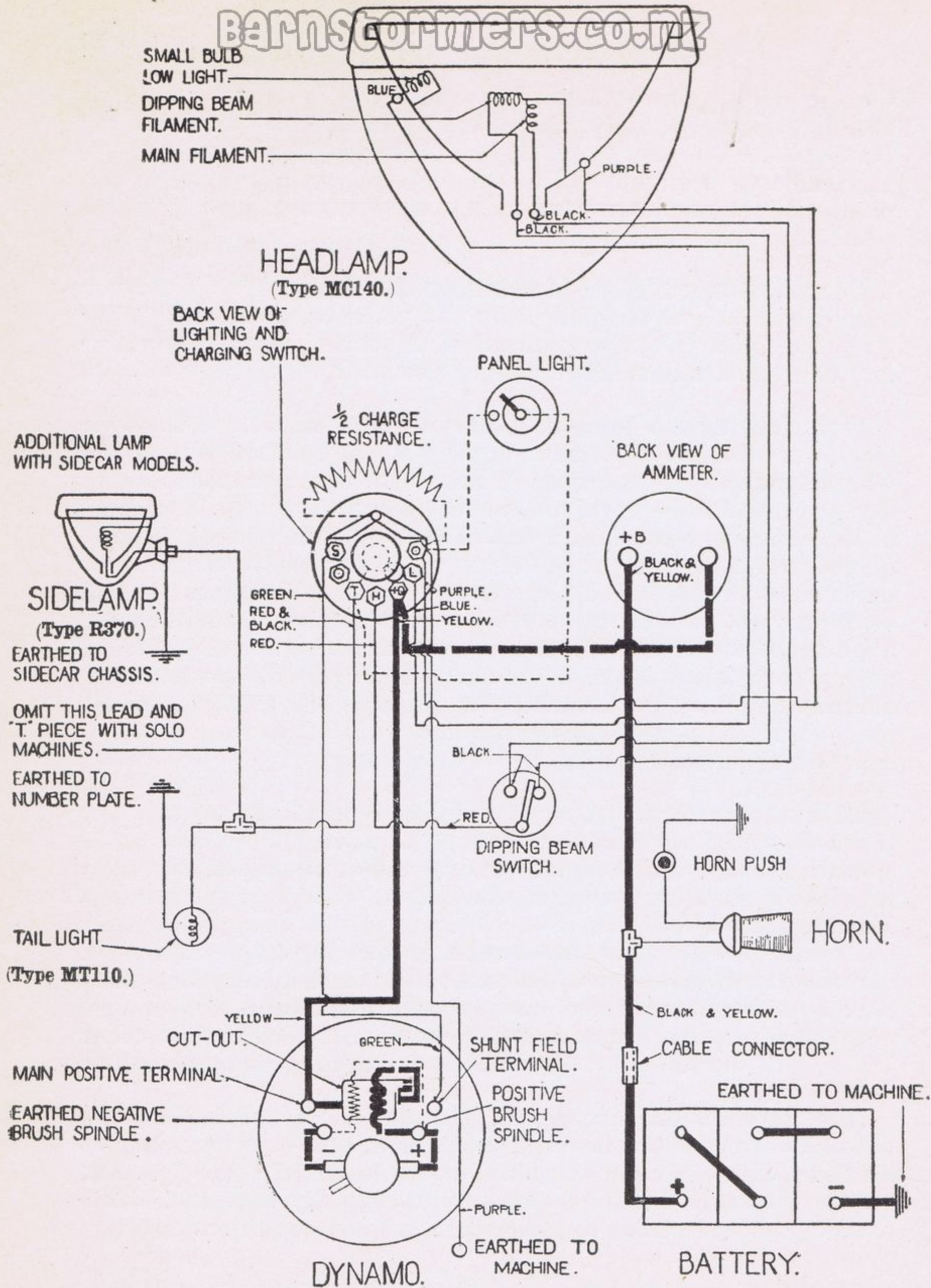


Joseph Lucas, Ltd.

FIG. 66A. WIRING DIAGRAM OF M.S. "MAGDYNO" WITH H52 HEADLAMP



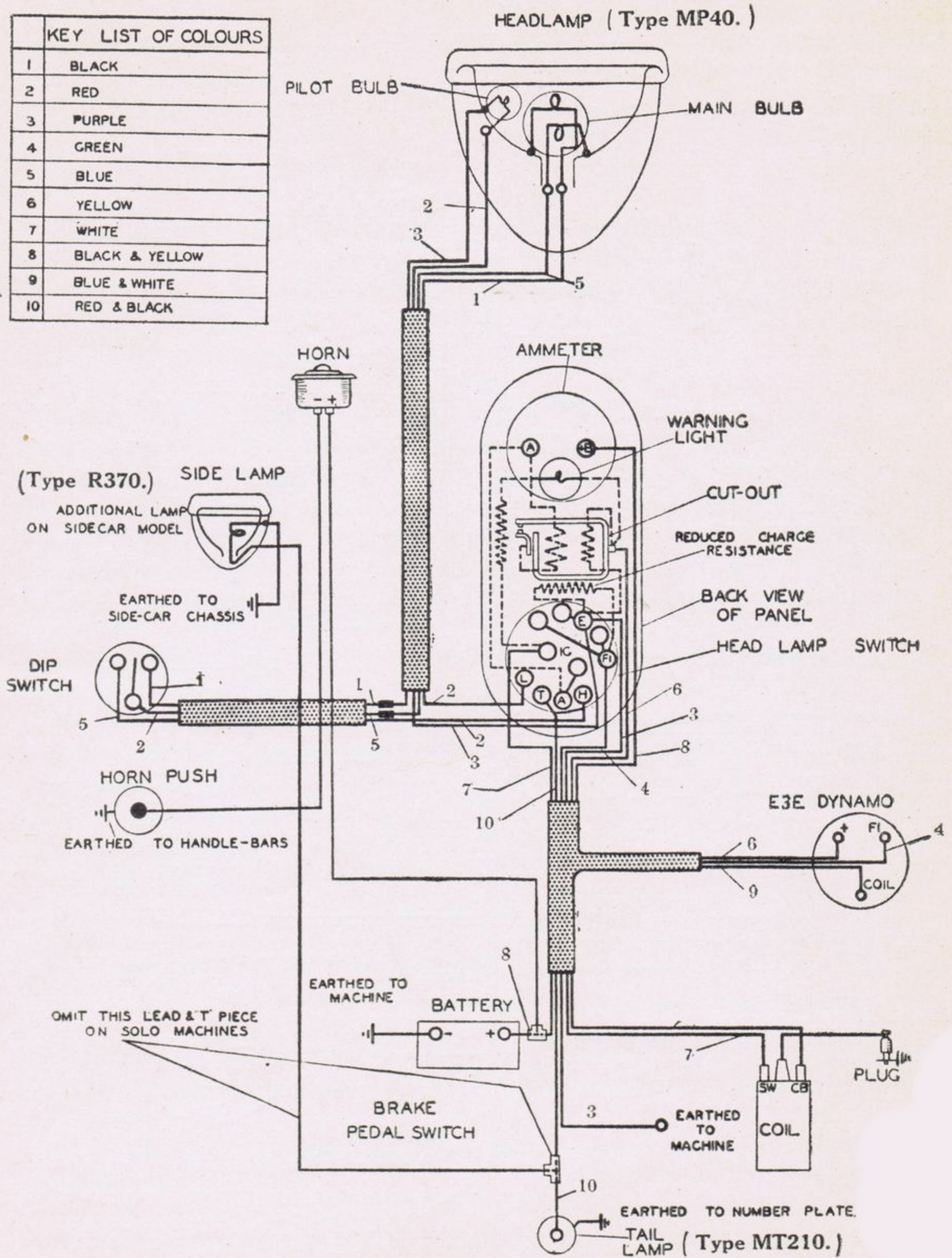


(Messrs. Joseph Lucas, Ltd.)

FIG. 38. WIRING DIAGRAM FOR THE LUCAS "MAGDYNO" LIGHTING EQUIPMENT WITHOUT AUTOMATIC VOLTAGE CONTROL



KEY LIST OF COLOURS	
1	BLACK
2	RED
3	PURPLE
4	GREEN
5	BLUE
6	YELLOW
7	WHITE
8	BLACK & YELLOW
9	BLUE & WHITE
10	RED & BLACK



(Messrs. Joseph Lucas, Ltd.)

**FIG. 40. WIRING DIAGRAM FOR THE DYNAMO LIGHTING AND COIL IGNITION EQUIPMENT WITHOUT AUTOMATIC VOLTAGE CONTROL**



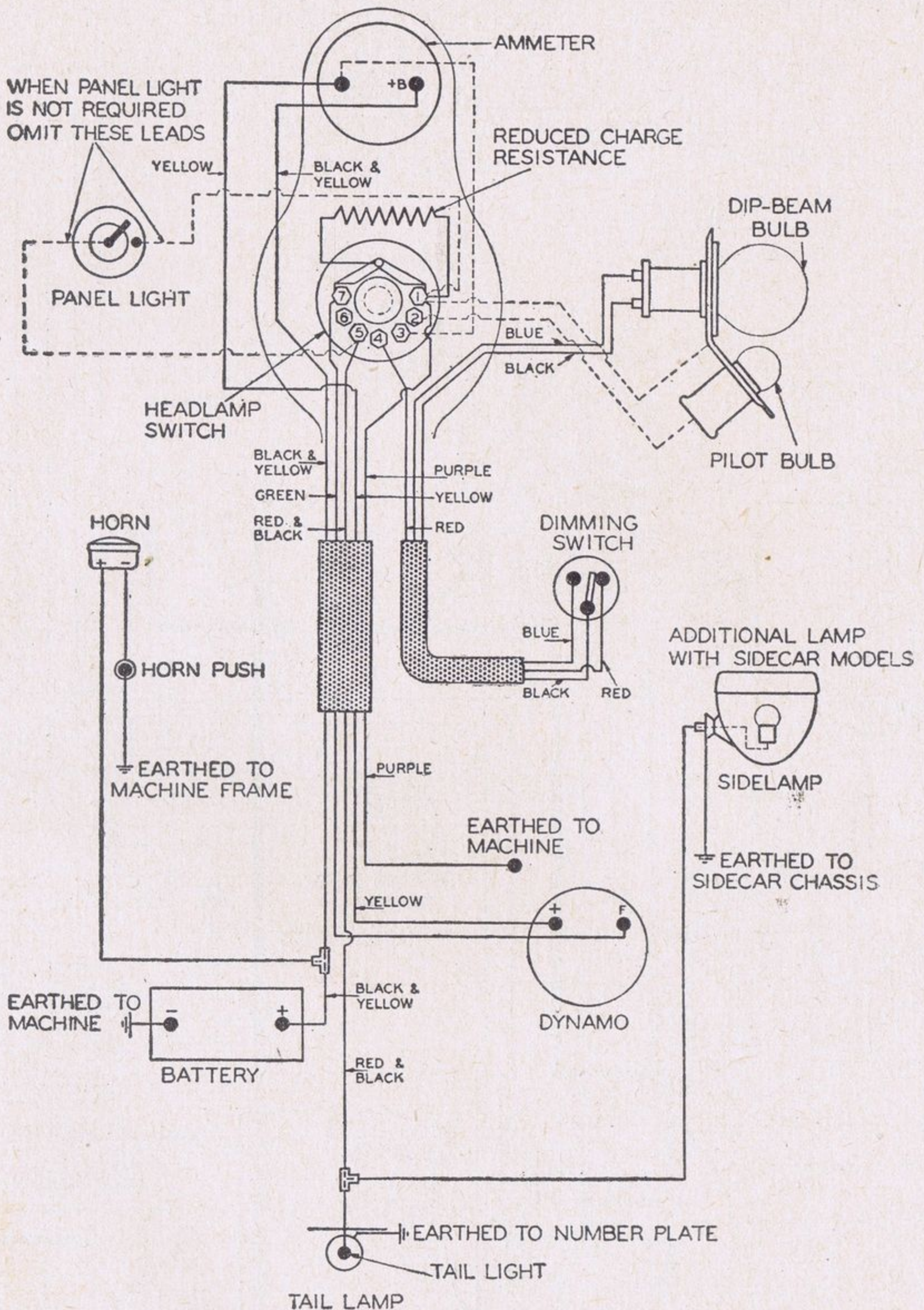
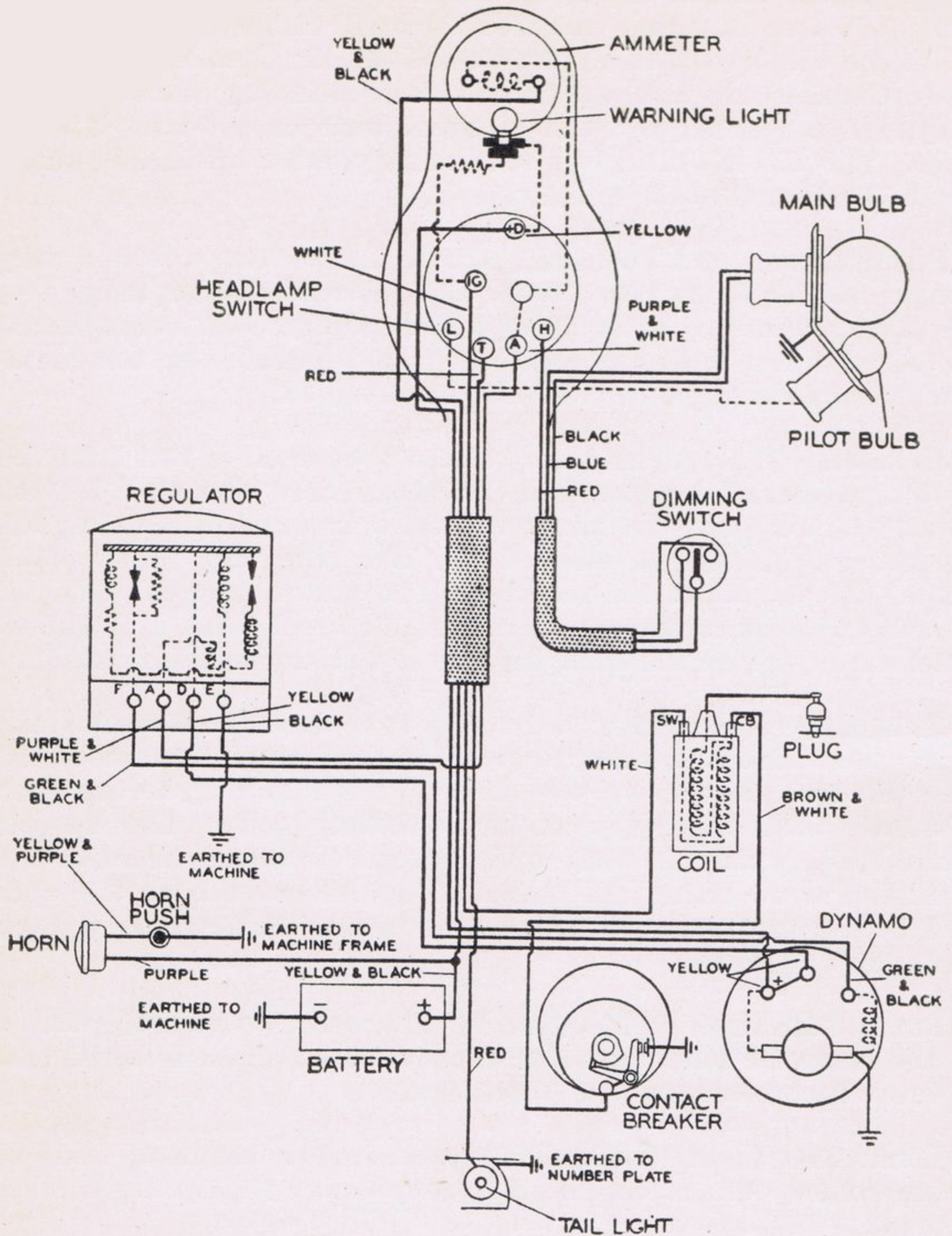


FIG. 34. WIRING DIAGRAM FOR 1935-6 LUCAS "MAGDYNO" LIGHTING EQUIPMENT WITHOUT AUTOMATIC VOLTAGE CONTROL AND INSTRUMENT PANEL  
(Messrs. Joseph Lucas, Ltd.)

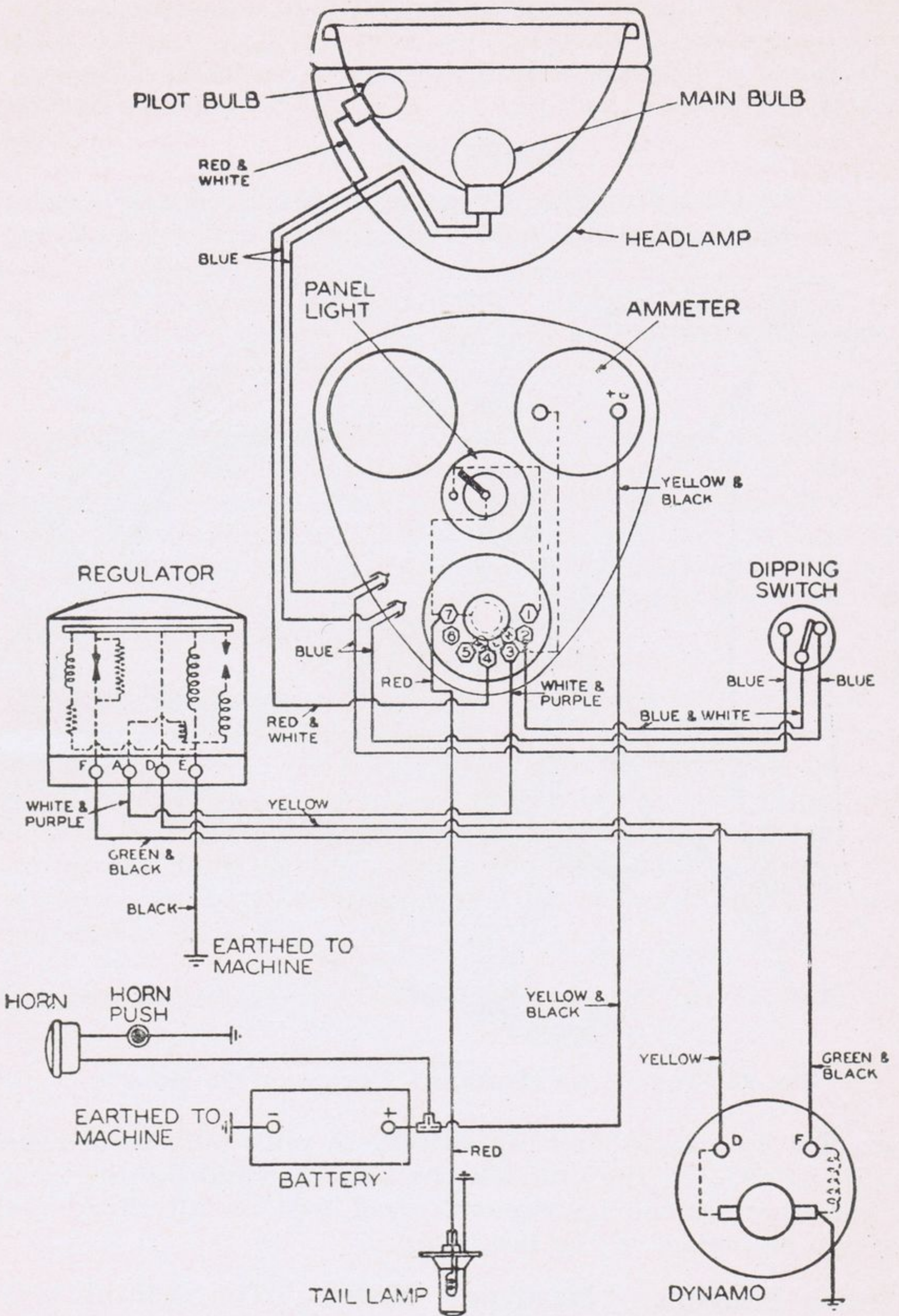




(Messrs. Joseph Lucas, Ltd.)

FIG. 42. WIRING DIAGRAM FOR THE DYNAMO LIGHTING AND COIL IGNITION EQUIPMENT WITH AUTOMATIC VOLTAGE CONTROL



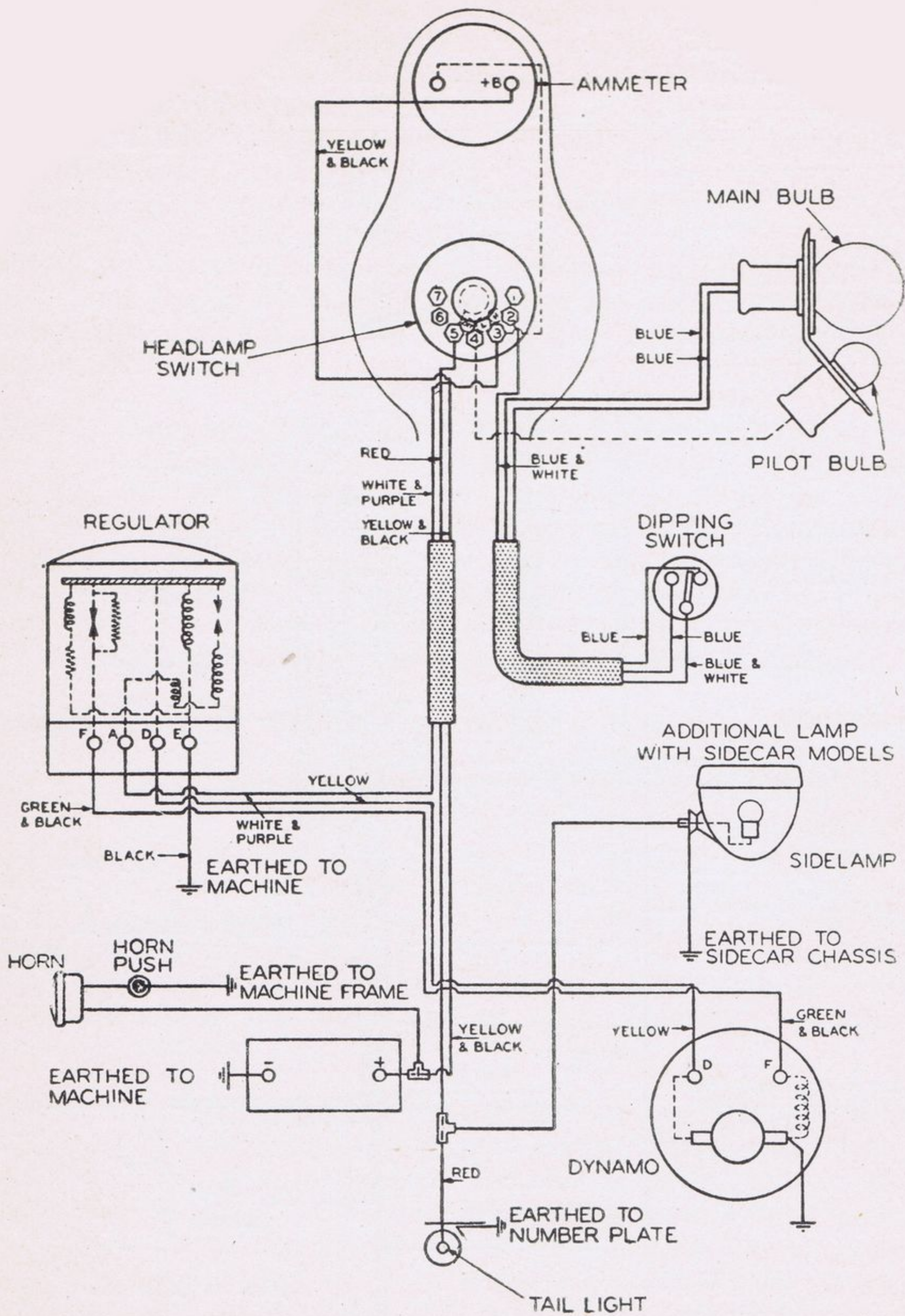


(Joseph Lucas, Ltd.)

FIG. 44. WIRING DIAGRAM FOR "MAGDYNO" LIGHTING EQUIPMENT WITH AUTOMATIC VOLTAGE CONTROL (1937 MODELS WITH INSTRUMENT PANEL)

All internal connexions are shown dotted and the cable ends are identified by coloured sleeveings.

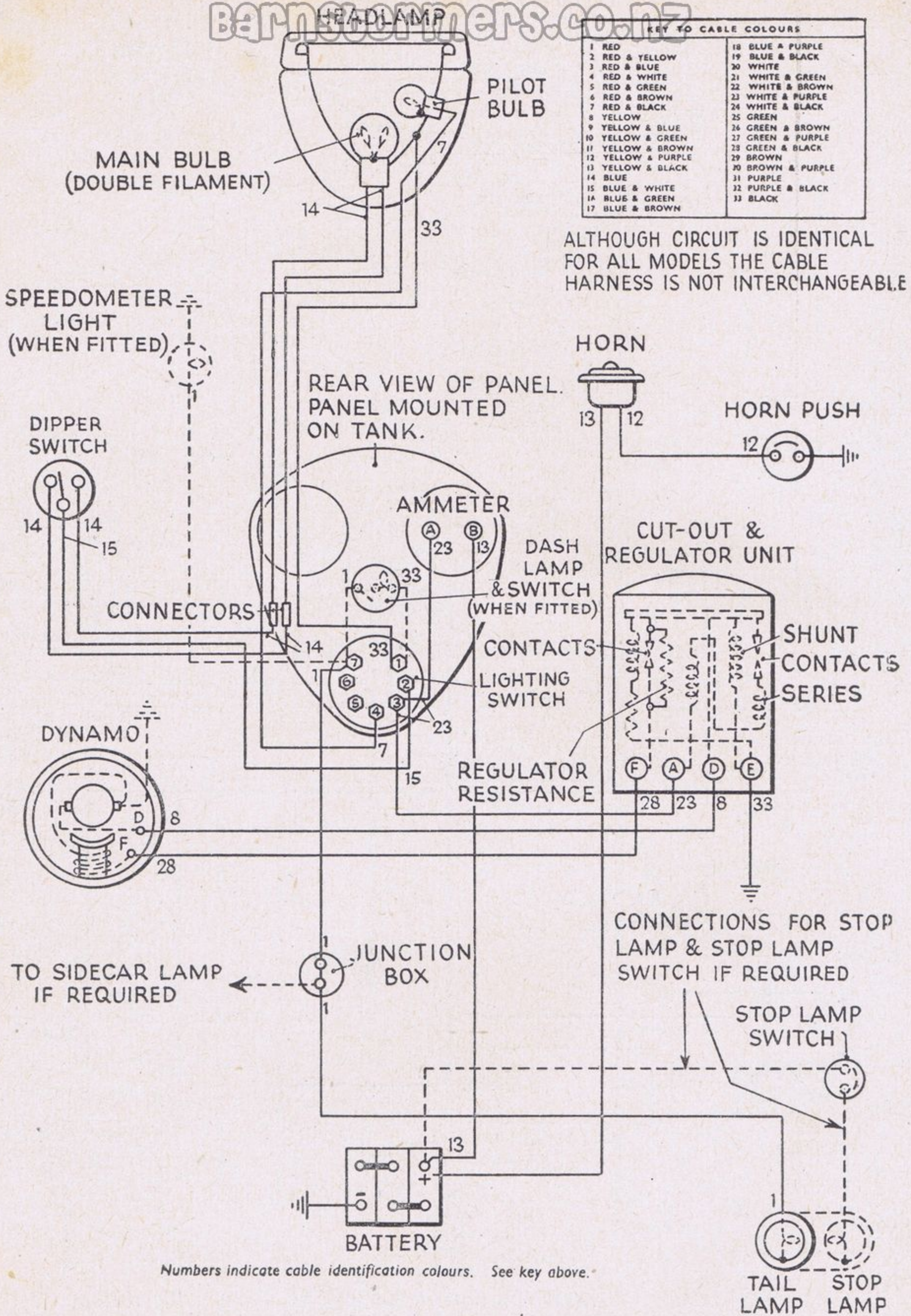




(Joseph Lucas, Ltd.)

FIG. 41. WIRING DIAGRAM FOR "MAGDYNO" LIGHTING EQUIPMENT WITH AUTOMATIC VOLTAGE CONTROL (1938 MODELS WITHOUT INSTRUMENT PANEL)

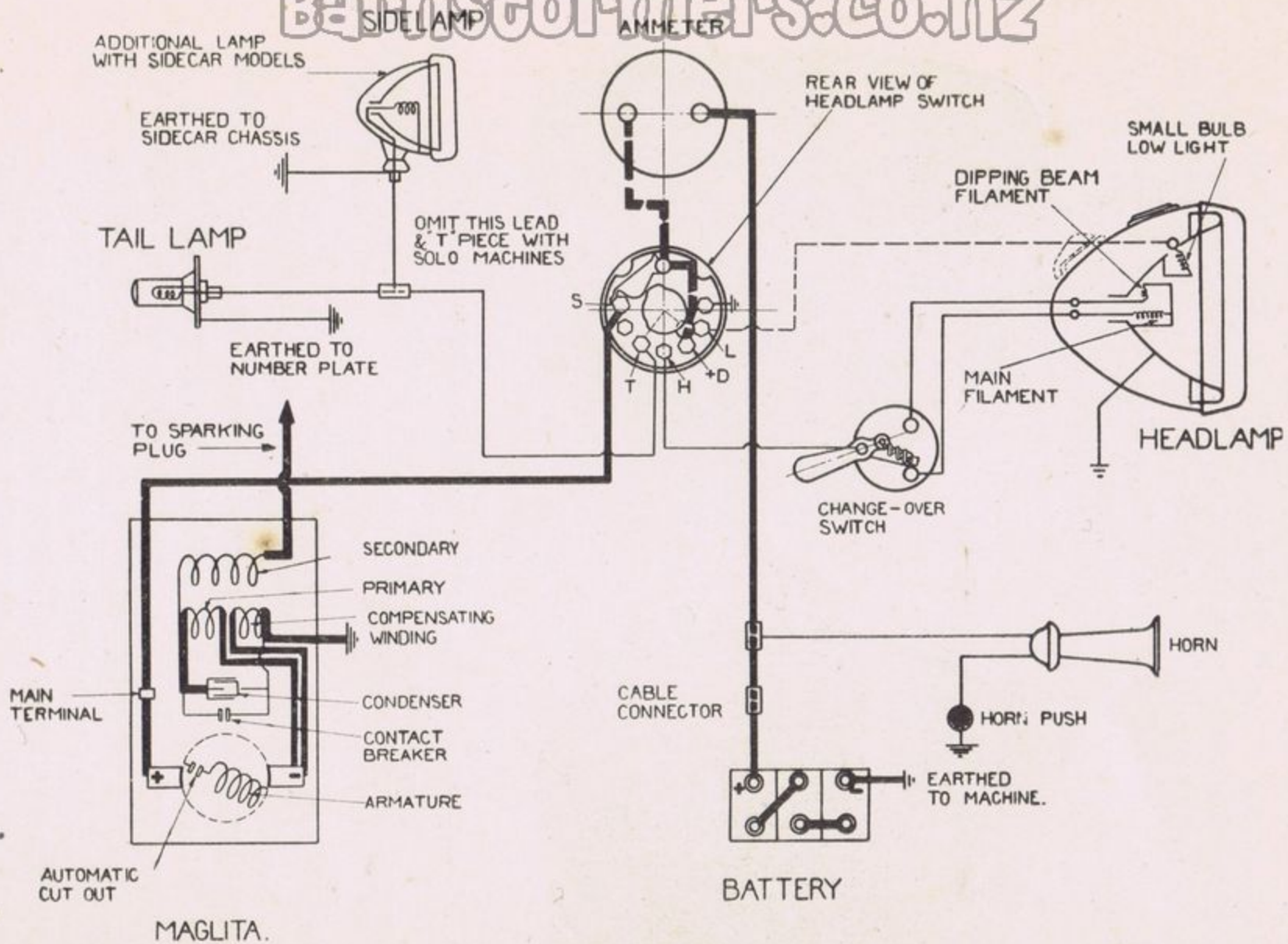




Numbers indicate cable identification colours. See key above.

FIG. 37. WIRING DIAGRAM FOR 1946 MODELS LUCAS SEPARATE DYNAMO AND MAGNETO EQUIPMENT





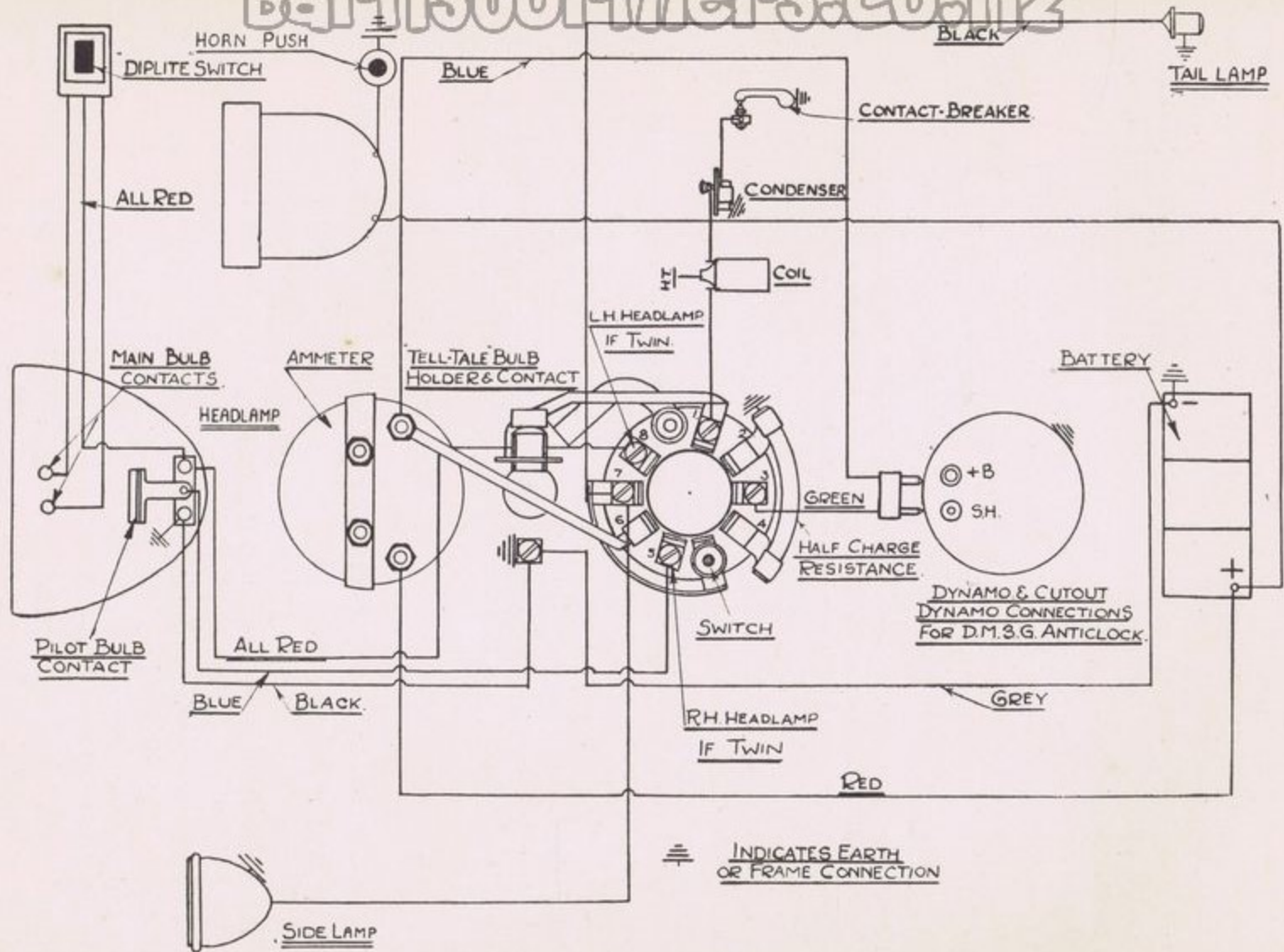
INTERNAL CONNECTIONS SHOWN DOTTED

(Joseph Lucas, Ltd.)

FIG. 64. WIRING DIAGRAM FOR LUCAS M.L. "MAGLITA" TYPE F.D. LIGHTING AND IGNITION EQUIPMENT WITH M 40 HEADLAMP

The switch is shown in the *L* position, providing full dynamo charge, low light, sidecar and tail lights. The other switch positions are given on page 97. Internal connections are shown dotted.





**FIG. 55. WIRING DIAGRAM FOR STANDARD MILLER ELECTRIC LIGHTING AND COIL IGNITION EQUIPMENT**

The above diagram is for the single 71E headlamp with the DM3G dynamo, coil ignition, and switch panel. It is also applicable for machines with *de luxe* electrical equipment. The lighting and ignition circuits are entirely independent of each other, but the current is drawn from one battery



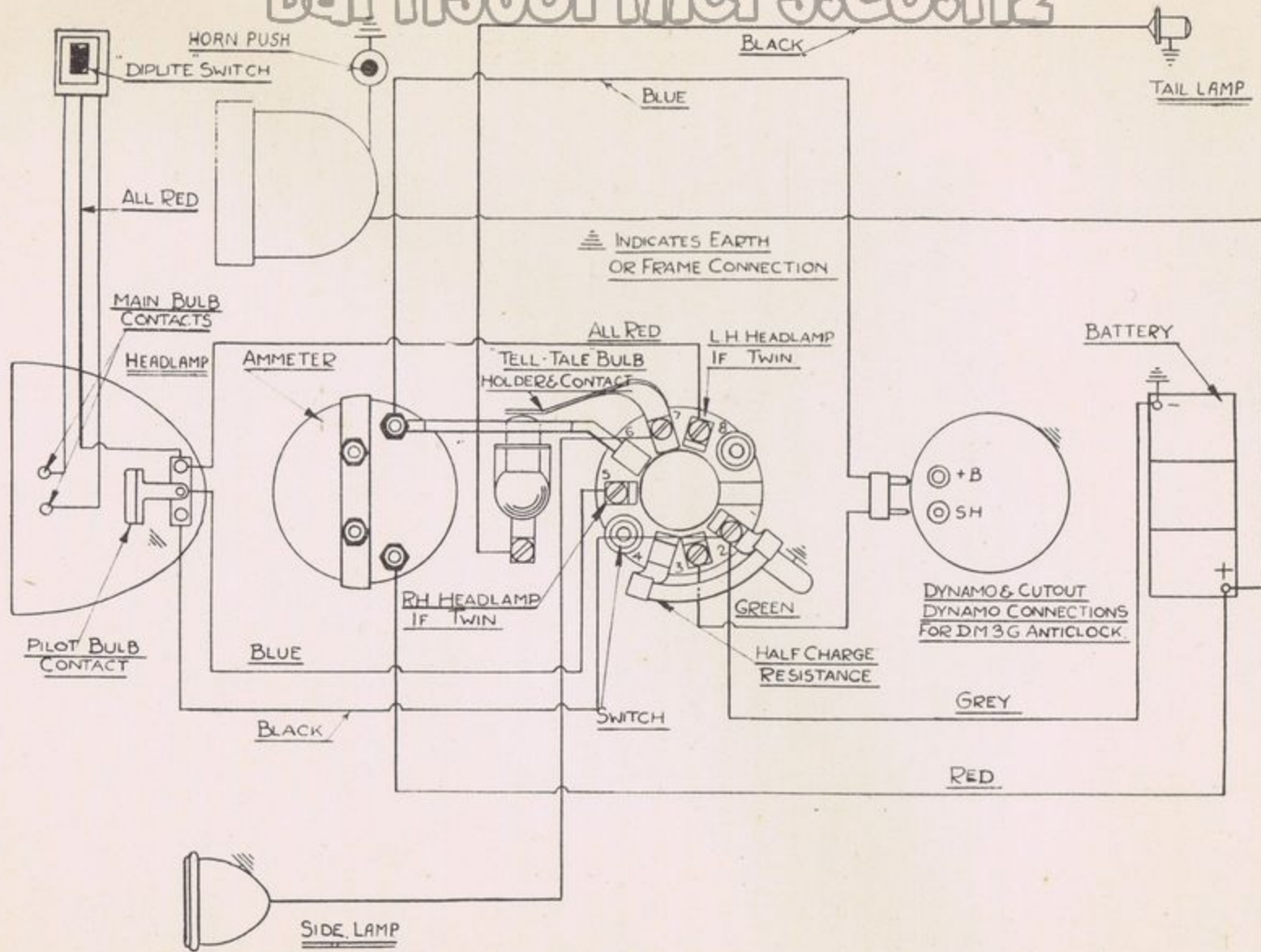


FIG. 56. WIRING DIAGRAM FOR MILLER ELECTRIC LIGHTING EQUIPMENT (MAGNETO IGNITION)

This diagram of connections is similar to that given on page 91, except that there are no ignition connections at all



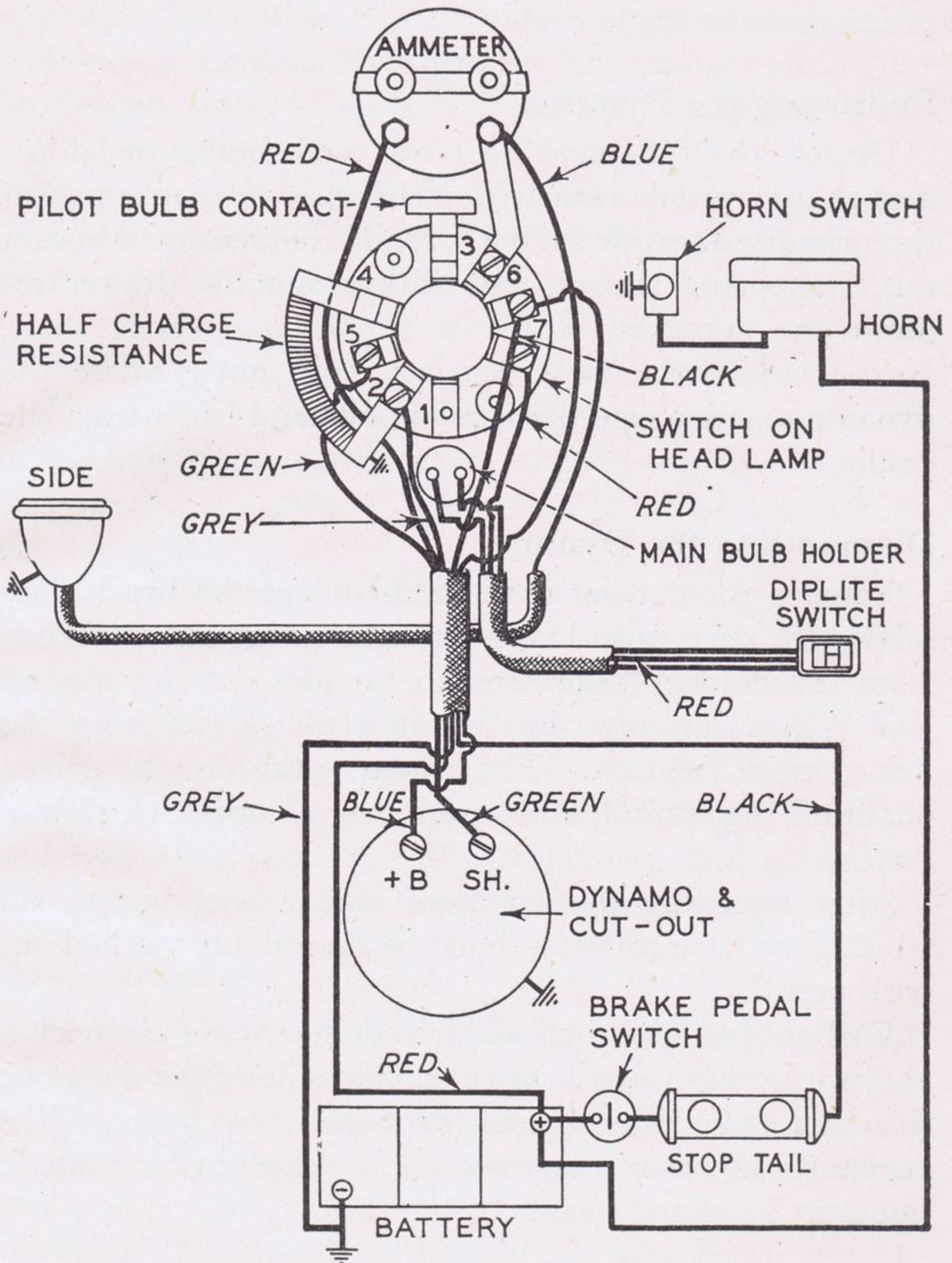


FIG. 53.—WIRING DIAGRAM OF MILLER ELECTRICAL EQUIPMENT ON RUDGE MOTOR CYCLES.