



Wiring Colour Code for Vehicles

BRITISH STANDARD: AUTOMOBILE SERIES SPECIFICATION FOR CHART AND COLOUR CODE FOR VEHICLE WIRING

(BS.AU7 : 1968)

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Foreword

This British Standard was first published in 1963 under the authority of the Automobile Industry Standards Committee of the BSI. The present revision has been undertaken to bring the standard up to date with subsequent developments in vehicle electrical equipment, including the adoption of the 'negative earth' system.

The diagrams show the layout of the standard circuits available for use in motor vehicles and provide a code for the identification of the circuit by the colour of the cables used in them.

Two wiring diagrams are shown, one for the basic circuits including those for the obligatory lighting and signalling equipment, the other for supplementary circuits.

It should be noted that because of variations in the design of certain components such as windscreen wiper motors, it is not possible to cover all switches and internal wiring arrangements. For the purposes of colour coding, basic circuits are shown and where necessary the component manufacturer should be consulted for further details.

Cable Colours

The colour key used on the diagrams is as follows:

Key letter	Colour	Key letter	Colour	Key letter	Colour
N	Brown	U	Blue	R	Red
P	Purple	G	Green	LG	Light green
W	White	Y	Yellow	B	Black
O	Orange	K	Pink	S	Slate

Colour Code

The cable colours related to the cable functions are given on the following pages. Where two colours are shown, the first colour is the main colour, the second colour is the tracer.

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<i>Cable Ref. No.</i>	<i>Colour</i>	<i>Destination</i>
1	Brown	Main battery feed.
2	Brown with blue	Control box (compensated voltage control only) to ignition and lighting switch (feed).
3	Brown with red	Compression ignition starting aid to switch. Main battery feed to double pole ignition switch (a.c. alt. system).
4	Brown with purple.	Alternator regulator feed.
5	Brown with green	Dynamo 'F' to control box 'F'. Alternator field 'F' to control box 'F'.
6	Brown with light green	Screenwiper motor to switch.
7	Brown with white	Ammeter to control box. Ammeter to main alternator terminal.
8	Brown with yellow	Dynamo 'D' to control box 'D' and ignition warning light. Alternator neutral point.
9	Brown with black	Alternator warning light, negative side.
10	Brown with pink	
11	Brown with slate	
12	Brown with orange	
13	Blue	Lighting switch (head) to dipper switch.
14	Blue with brown	
15	Blue with red	Dipper switch to headlamp dip beam. Headlamp dip beam fuse to right-hand headlamp (when independently fused).
16	Blue with purple	
17	Blue with green	
18	Blue with light green	Screenwiper motor to switch.

<i>Cable Ref. No.</i>	<i>Colour</i>	<i>Destination</i>
19	Blue with white	Dipper switch to headlamp main beam (subsidiary circuit - headlamp flasher relay to headlamp). Headlamp main beam fuse to right-hand headlamp (when independently fused). Headlamp main beam fuse to outboard headlamps (when outboard headlamps independently fused). Dipper switch to main beam warning light.
20	Blue with yellow	Long range driving switch to lamp.
21	Blue with black	
22	Blue with pink	Headlamp dip beam fuse to left-hand headlamp when independently fused.
23	Blue with slate	Headlamp main beam fuse to left-hand headlamp or inboard headlamps when independently fused.
24	Blue with orange	
25	Red	Side and tail lamp feed.
26	Red with brown	Variable intensity panel lights (when used in addition to normal panel lights).
27	Red with blue	
28	Red with purple	Map light switch to map light.
29	Red with green	Lighting switch to side and tail lamp fuse (when fused).
30	Red with light green	Screenwiper motor to switch.
31	Red with white	Panel light switch to panel lights.
32	Red with yellow	Fog lamp switch to fog lamp
33	Red with black	Parking light switch to left-hand sidelamp.
34	Red with pink	
35	Red with slate	

<i>Cable Ref No</i>	<i>Colour</i>	<i>Destination</i>
36	Red with orange	Parking light switch to right-hand sidelamp.
37	Purple	Accessories fused direct from battery.
38	Purple with brown	Horn fuse to horn relay (when horn is fused separately).
39	Purple with blue	
40	Purple with red	Boot light switch to boot light.
41	Purple with green	
42	Purple with light green	
43	Purple with white	Interior light to switch (subsidiary circuit – door safety lights to switch).
44	Purple with yellow	Horn to horn relay.
45	Purple with black	Horn or horn relay to horn push.
46	Purple with pink	
47	Purple with slate	Aerial lift motor to switch UP.
48	Purple with orange	Aerial lift motor to switch DOWN.
49	Green	Accessories fused via ignition switch (subsidiary circuit fuse A4 to hazard switch (terminal 6)).
50	Green with brown	Reverse lamp to switch.
51	Green with blue	Water temperature gauge to temperature unit.
52	Green with red	Left-hand flasher lamps.
53	Green with purple	Stop lamps to stop lamp switch.
54	Green with light green	Hazard flasher unit to hazard pilot lamp.
55	Green with white	Right-hand flasher lamps.
56	Green with yellow	Heater motor to switch, single speed (or to 'slow' on two-speed motor).
57	Green with black	Fuel gauge to fuel tank unit or changeover switch.

<i>Cable Ref. No.</i>	<i>Colour</i>	<i>Destination</i>
58	Green with pink	Choke solenoid to choke switch (when fused).
59	Green with slate	Heater motor to switch ('fast' on 2-speed motor).
60	Green with orange	Low fuel level warning light.
61	Light green	Instrument voltage stabilizer to instruments.
62	Light green with brown	Flasher switch to flasher unit 'L'.
63	Light green with blue	Flasher switch to left-hand flasher warning light.
64	Light green with red	Fuel tank changeover switch to right-hand tank unit.
65	Light green with purple	Flasher unit 'F' to flasher warning light.
66	Light green with green	
67	Light green with white	
68	Light green with yellow	Flasher switch to right-hand flasher warning light.
69	Light green with black	Screen jet switch to screen jet motor.
70	Light green with pink	Flasher unit 'L' to emergency switch (simultaneous flashing)
71	Light green with slate	Fuel tank changeover switch to left-hand tank unit.
72	Light green with orange	
73	White	Ignition controlled circuit (unfused) (ignition switch to ballast resistor)
74	White with brown	Oil pressure switch to warning light or gauge
75	White with blue	Choke switch to choke solenoid (unfused). Rear heater fuse unit to switch. Electronic ignition. T.A.C. ignition unit to resistance
76	White with red	Solenoid starter switch to starter push or inhibitor switch.

<i>Cable Ref. No.</i>	<i>Colour</i>	<i>Destination</i>
77	White with purple	Fuel pump No. 1 or right-hand to changeover switch.
78	White with green	Fuel pump No. 2 or left-hand to changeover switch.
79	White with light green	Screenwiper motor to switch.
80	White with yellow	Starter push inhibitor switch to starter push. Ballast resistor to coil. Starter solenoid to coil.
81	White with black	Ignition coil C.B. to distributor contact breaker. Rear heated window to switch or fuse. T.A.C. ignition.
82	White with pink	Radio from ignition switch.
83	White with slate	Tachometer to ignition coil.
84	White with orange	Hazard warning feed (to switch).
85	Yellow	Overdrive.
86	Yellow with brown	Overdrive.
87	Yellow with blue	Overdrive.
88	Yellow with red	Overdrive.
89	Yellow with purple	Overdrive.
90	Yellow with green	Overdrive.
91	Yellow with light green	Screenwiper motor to switch.
92	Yellow with white	
93	Yellow with black	
94	Yellow with pink	
95	Yellow with slate	
96	Yellow with orange	
97	Black	All earth connections.
98	Black with brown	Tachometer generator to tachometer.

<i>Cable Ref. No.</i>	<i>Colour</i>	<i>Destination</i>
99	Black with blue	Tachometer generator to tachometer.
100	Black with red	Electric speedometer.
101	Black with purple	
102	Black with green	Screenwiper switch to screenwiper (single speed) relay to radiator fan motor.
103	Black with light green	Vacuum brake switch to warning light and/or buzzer.
104	Black with white	Brake fluid level warning light to switch and handbrake switch.
105	Black with yellow	Electric speedometer.
106	Black with pink	
107	Black with slate	
108	Black with orange	Radiator fan motor to thermal switch.
109	Slate	Window lift.
110	Slate with brown	Window lift.
111	Slate with blue	Window lift.
112	Slate with red	Window lift.
113	Slate with purple	Window lift.
114	Slate with green	Window lift.
115	Slate with light green	Window lift.
116	Slate with white	Window lift.
117	Slate with yellow	Window lift.
118	Slate with black	Window lift.
119	Slate with pink	Window lift.
120	Slate with orange	Window lift.