

Lucas Wiring Colour Codes

Source: <http://myweb.tiscali.co.uk/jensenmondayclub/Technical-Electrical/Lucas%20Colour%20Codes/lucascolourcodes.htm>

After working with on British cars for a while you may have noticed the same colour wires being used in similar circumstances from car to car. Truth be told, there is a standard for wire colours published by the British Standards Institution in London.

Your wiring may differ (no telling how many times it has been patched or replaced), but in general you can count on brown wires being un-fused power, black wires going to ground, etc. and so being familiar with the standard really is quite useful.

	Main	Tracer	Standard Usage
	Black		All earth connections
	Black	Blue	Tachometer generator to tachometer
	Black	Brown	Tachometer generator to tachometer
	Black	Green	Relay to radiator fan motor
	Black	Light green	Vacuum brake switch or brake differential pressure valve to warning light and/or buzzer
	Black	Orange	Radiator fan motor to thermal switch
	Black	Purple	Temperature switch to warning light
	Black	Red	Electric or electronic speedometer to sensor
	Black	White	Brake fluid level warning light to switch and hand brake switch, or radio to speakers
	Black	Yellow	Electric speedometer
	Blue		Lighting switch (head) to dip switch
	Blue	Black	Fuse to right-hand main headlamp
	Blue	Brown	Headlamp relay to headlamp fuse
	Blue	Light green	Headlamp wiper motor to headlamp wash pump motor
	Blue	Orange	Fuse to right-hand dip headlamp
	Blue	Pink	Fuse to left-hand dip headlamp
	Blue	Red	Dip switch to headlamp dip beam fuse Fuse to right-hand dip headlamp
	Blue	Slate	Headlamp main beam fuse to left-hand headlamp or inboard headlamps when
	Blue	White	a) Dip switch to headlamp main beam fuse b) Headlamp flasher to main beam fuse c) Dip switch main beam warning light d) Dip switch to long-range driving light switch
	Blue	Yellow	Long-range driving light switch to lamp
	Brown	Blue	Control box (compensated voltage control only) to ignition switch and lighting switch
	Brown		Main battery lead, un-fused
	Brown	Black	Alternator battery sensing lead
	Brown	Green	Dynamo 'F' to control box 'F' Alternator field 'F' to control box 'F'
	Brown	Orange	Fuel shut-off (diesel stop)
	Brown	Purple	Alternator regulator feed
	Brown	Red	Compression ignition starting aid to switch Main battery feed to double pole ignition switch
	Brown	Slate	Starter relay contact to starter solenoid
	Brown	White	Ammeter to control box Ammeter to main alternator terminal
	Brown	Yellow	Alternator to 'no charge' warning light
	Green		Accessories fused via ignition switch
	Green	Black	Fuel gauge to fuel tank unit or changeover switch or voltage stabilizer to tank units
	Green	Blue	Water temperature gauge to temperature unit

Green	Green	Brown	Switch to reverse lamp
Green	Green	Light green	Hazard flasher unit to hazard pilot lamp or lamp failure unit to stop lamp bulbs
Green	Green	Orange	Low fuel level switch to warning light
Green	Green	Pink	Fuse to flasher unit
Green	Green	Purple	Stop lamp switch to stop lamps, or stop lamp switch to lamp failure unit
Green	Green	Red	Direction indicator switch to left-hand flasher lamps
Green	Green	Slate	a) Heater motor to switch ('fast' on two- or three-speed motor) b) Coolant level unit to warning light
Green	Green	White	Direction indicator switch to right hand flasher lamps
Green	Green	Yellow	Heater motor to switch single speed (or to 'slow' on two or three-speed motor)
Light green	Light green		Instrument voltage stabilizer to instruments
Light green	Light green	Black	Front screen jet switch to screen jet motor
Light green	Light green	Blue	a) Flasher switch to left-hand flasher warning light b) Coolant level sensor to control unit c) Test switch to coolant level control unit
Light green	Light green	Brown	Flasher switch to flasher unit
Light green	Light green	Green	Start inhibitor relay to change speed switch; or switch to heater blower motor second speed on three-speed unit
Light green	Light green	Orange	Rear window wash switch to wash pump; or cab lock-down switch to warning light
Light green	Light green	Purple	Flasher unit to flasher warning light
Light green	Light green	Red	Fuel tank changeover switch to right-hand tank unit or entry and exit door closed switch to door actuator
Light green	Light green	Slate	Fuel tank changeover switch to left-hand tank unit; or entry and exit door open switch to door actuator
Light green	Light green	White	Low air pressure switch to buzzer and warning light
Light green	Light green	Yellow	Flasher switch to right-hand warning light; or differential lock switch to differential lock warning light
Orange	Orange		Wiper circuits fused via ignition switch
Orange	Orange	Black	Switch to front screen wiper motor parking circuit, timer or intermittent unit
Orange	Orange	Blue	Switch to front screen wiper motor first speed timer or intermittent unit
Orange	Orange	Green	Switch to front screen wiper motor second speed
Orange	Orange	Light green	Switch to headlamp or rear window wiper motor parking circuit timer or relay coil
Orange	Orange	Pink	Timer or relay to headlamp or rear window wiper motor feed
Orange	Orange	Purple	Timer or intermittent unit to motor parking circuit
Orange	Orange	Slate	Timer or relay to headlamp or rear window wiper motor parking circuit
Orange	Orange	White	Timer or intermittent unit to motor parking circuit
Orange	Orange	Yellow	Switch to headlamp or rear window wiper motor feed, timer or relay coil
Pink	Pink	white	Ballast terminal to ignition distributor
Purple	Purple		Accessories fed direct from battery via fuse
Purple	Purple	Black	Horn to horn relay to horn push
Purple	Purple	Blue	Fuse to heated rear window relay or switch and warning light
Purple	Purple	Brown	Horn fuse to horn relay when horn is fused separately
Purple	Purple	Green	Fuse to hazard flasher
Purple	Purple	Light green	Fuse to relay for screen demister
Purple	Purple	Orange	Aerial lift motor to switch down
Purple	Purple	Pink	Rear heated window to switch or relay
Purple	Purple	Red	Switches to map light, under bonnet light, glove box light and boot lamp when fed direct
Purple	Purple	Slate	Aerial lift motor to switch up
Purple	Purple	White	Interior lights to switch (subsidiary circuit door safety lights to switch)
Purple	Purple	Yellow	Horn to horn relay
Red	Red		Main feed to all circuits mastered by side lamp switch
Red	Red	Black	Left-hand, side lamp fuse to side and tail lamps and number plate illumination
Red	Red	Blue	Front fog lamp fuse to fog lamp switch
Red	Red	Brown	Rear fog guard switch to lamps

	Red	Green	Bulb failure unit to right-hand-side and rear lamps
	Red	Orange	Fuse box to rear fog guard switch
	Red	Pink	Side lamp fuse to lighting relay
	Red	Purple	Switches to map light, under bonnet light, glove box light and boot lamp when side lamp
	Red	Slate	Lamp failure unit to left-hand side and tail lamps
	Red	White	a) Side lamp fuse to right-hand side and rear lamps b) Side lamp fuse to panel light rheostat c) Fuse to panel light switch or rheostat d) Fuse to fibre optic source
	Red	Yellow	Fog lamp switch to fog lamp or front fog fuse to fog lamps
	Slate		Window lift main lead
	White		Ignition switch or starter solenoid to ballast resistor
	White	Black	Ignition coil contact breaker to distributor contact breaker, or distributor side of coil to voltage impulse tachometer
	White	Blue	Choke switch to choke solenoid (un-fused) and/or choke to switch to warning light, or electronic ignition distributor to drive resistor
	White	Brown	Oil pressure switch to warning light or gauge, or starter relay to oil pressure switch
	White	Green	Fuel pump no 2 or left-hand to changeover switch
	White	Light green	Start switch to starter interlock or oil pressure switch to fuel pump or start inhibitor switch to starter relay or solenoid
	White	Orange	Hazard warning lead to switch
	White	Pink	Ignition switch to radio fuse
	White	Purple	Fuel pump no 1 or right-hand to changeover switch
	White	Red	Starter switch to starter solenoid or inhibitor switch or starter relay or ignition (start
	White	Slate	Current tachometer to ignition coil
	White	Yellow	Ballast resistor to coil or starter solenoid to coil
	Yellow		a) Overdrive b) Petrol injection c) Door locks d) Gear selector switch to start