



Lucas wire standard color codes

Used by the British auto industry. Understanding and using the Lucas code for rewiring and equipment additions makes electrical system troubleshooting a lot easier in the future.

Black	All ground connections
Black/green	Relay to radiator fan motor, wiper motor
Blue	Headlamp connections
Blue	Head lamp switch to dimmer switch
Blue/white	Head lamp high beam
Blue/white	High beam dimmer switch to indicator lamp
Blue/white lamp	Dimmer switch to long range driving switch
Blue/red	Headlight low beam
Brown	Main feed from batt. No switches or fuses
Brown/yellow	Generator to voltage regulator
Brown/blue	Power feed to head lamp sw.
Brown/white	Ammeter to main alternator terminal
Brown/yellow	Long range driving light switch to light
Brown/yellow	Alternator to 'no charge' warning lamp
Brown/purple	Alternator regulator feed
Brown/green	Fuse to horn (no relay)
Brown/black	Horn to horn button (no relay)
Green	Ignition circuit, additional switches or fused circuits, wipers
Green/black	Fuel gauge to sending unit
Green/blue	Water temperature gauge to sender
Green/red	Turn signal switch to left side flasher lamps
Green/purple	Brake lamp switch to brake lamps
Green/white	Turn signal switch to right side flasher lamps
Green/yellow	Heater switch to heater motor
Lt. green	power to flasher, voltage stabilizer
Lt. green/blue	Turn signal switch to left direction indicator
Lt. green/brown	Turn signal switch to flasher unit
Lt. green/purple	Turn signal lamp to single turn signal indicator or to right direction indicator

Purple	Accessories fed directly from battery via fuse
Purple/brown	Horn fuse to horn when horn separately fused
Purple/red	Switches to map lamp, under hood lamp, glove box lamp, trunk lamp when fed directly from batt.
Red	Tail lamps, instrument lamps and side markers
Red/yellow	Fog lamp switch to fog lamp
Red/Blue	Fog lamp fuse to fog lamp
Red/white	Fuse to instrument lamp switch, instrument panel lamps
Red/Lt. green	Power to wiper motor
White	Ignition circuit, no additional switches, not fused
White	Power to ignition coil, Electric fuel pump
White/black	Ignition coil to distributor
White/brown	Oil pressure switch to warning lamp
White/pink	Ignition switch to radio fuse
White/red	Ignition switch or starter switch to starter solenoid
Yellow	Generator connections wired through the ignition switch
Yellow/green	Generator and alternator 'F' to regulator 'F'



When Making 'Bullet' Connector Connections...

Most problems with Lucas electrical systems can be traced to oxidized bullet connectors. When you press bullet connectors into a sleeve connector, use a bit of dielectric grease to keep moisture off the connection. Make sure grounds are clean too.