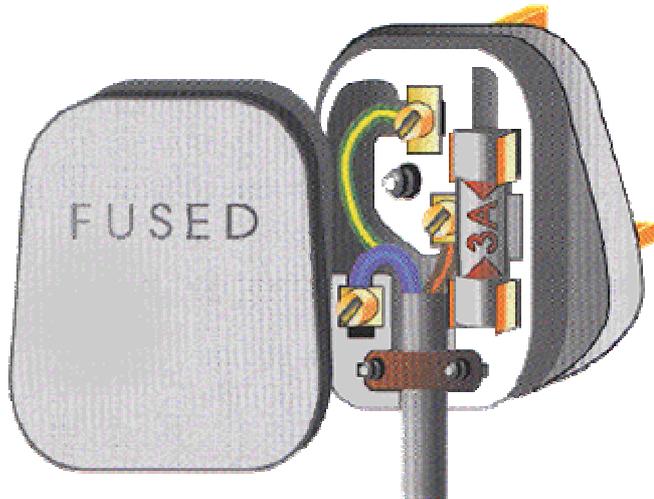


How to wire a plug



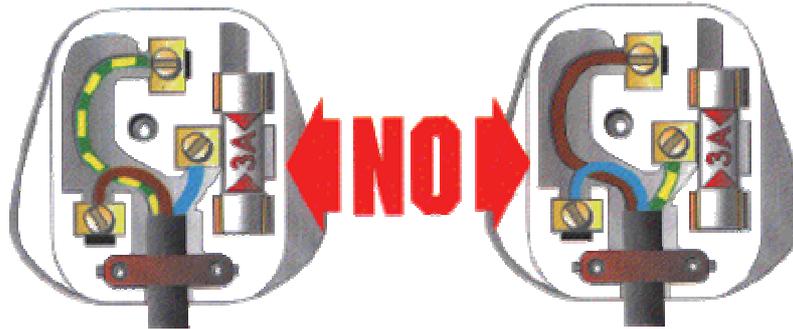
Wiring a plug is not difficult but you would be surprised how often people get it wrong. They put themselves and their families at risk from *electric shock* or fire by not following **six** simple rules:

1. Strip off the outer cable sheathing to expose 4cm of the insulated wires. Remove the insulation to leave about 1cm of exposed metal core on each wire. Twist the strands of wire together neatly.
2. Connect the wires to the correct terminals. The brown Live wire to the terminal on the fuse holder marked **L**, the blue Neutral wire to the terminal marked **N** and the green and yellow Earth wire to the terminal at the top of the plug marked **E** or \perp .

Some appliances do not have an earth wire because they are double insulated and have no exposed metal parts - marked \square

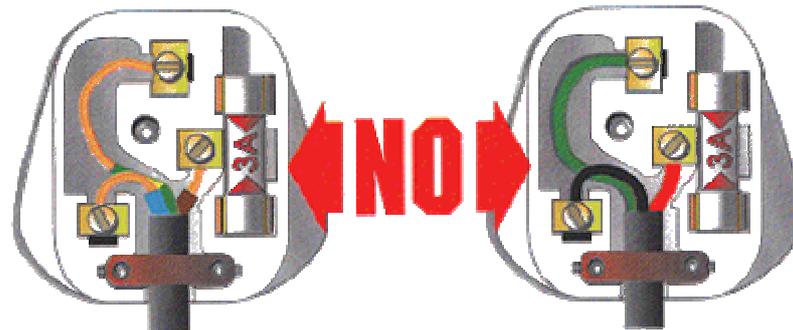
3. Depending on the design of the plug, fit the exposed metal core of each wire through or around each terminal and tighten the terminal screws. Ensure that the insulation reaches right up to each terminal and that there are no loose strands of wire.
4. Fit the flex firmly into the cord-grip making sure that the grip fastens on the outer insulating sleeve of the flex.
5. Read the instructions on the appliance to see what rating of fuse is required and fit the correct fuse in the plug
6. Fit the plug cover - make sure that none of the outer insulation is cracked or chipped.

Plug errors - check you have not made any of these!



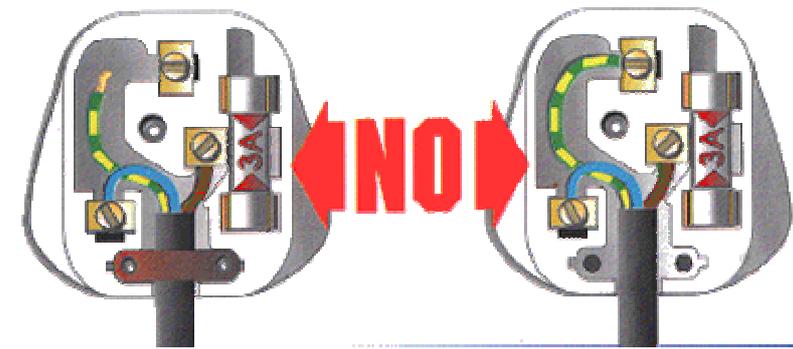
Blue wire connected to the Live terminal. What's wrong with this?

Green and Yellow cable connected to Live terminal. Any problems with this?



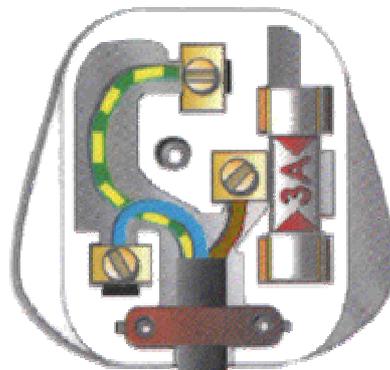
Plenty of bare wire here - but the plug is connected correctly - isn't it?

These are the old wiring colours but they are connected properly



The earth wire is not connected, but the appliance will work won't it?

Perfectly wired, no problem. Is something missing?



A correctly wired plug

Always make sure that your plugs are wired and fused correctly. If in douAngliaCampus, always check with a qualified electrician.