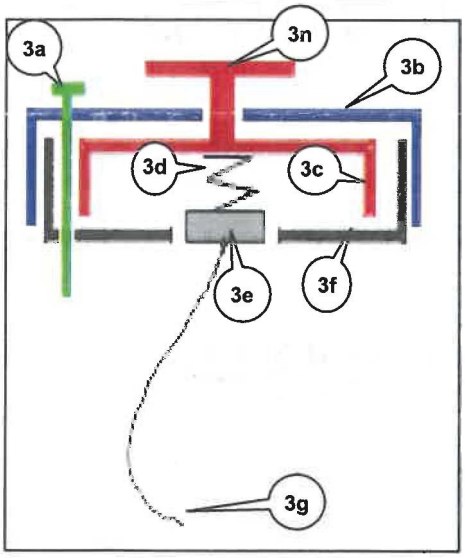
BROWN & GAMMONS LTD
Tel: 01462 490049 Fax: 01462 491940
www.ukmgparts.com
sales@ukmgparts.com

MG TC AND TD HORN PUSH AND HEADLIGHT DIMMER FITTING INSTRUCTIONS (27H5106)

There are three main parts to the switch—The horn button (A), the stack of brass discs and electrical contacts for the horn, and the headlamp switch. The switches are now pre-wired to save the issue of disassembling the switch and soldering the wires from the harness in place.



The headlamp switch is simple and easy the understand but the horn is a little more involved. The horn circuit power comes into the switch through the brown-black wire (3g, 4f). The wire is soldered to the centre contact (3e) which is isolated from the rest of the large brass discs (3f). The spring (3d) connects the wire (3g) to the small brass cup (3c) which is attached to the underside of the horn button (3n). When the horn button (3n) is pushed in, the spring (3d) is compressed and the small brass cup connected to the horn button (3c) is pressed into contact with the large brass cup (3f). The outer edge of the large brass cup (3f) is in contact with the inside of the switch cover (3b). The screws (3a) pass through the cover (3b) and provide a path to ground.

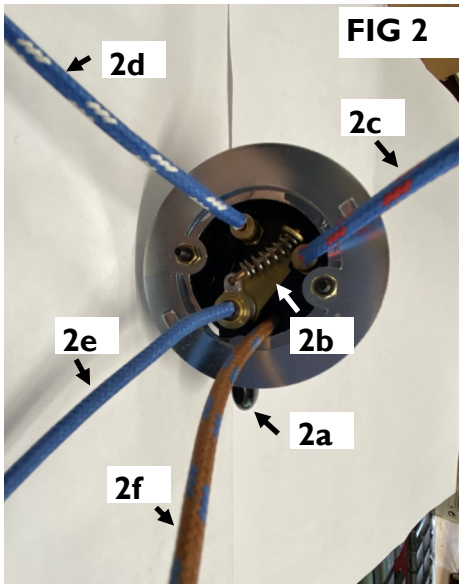
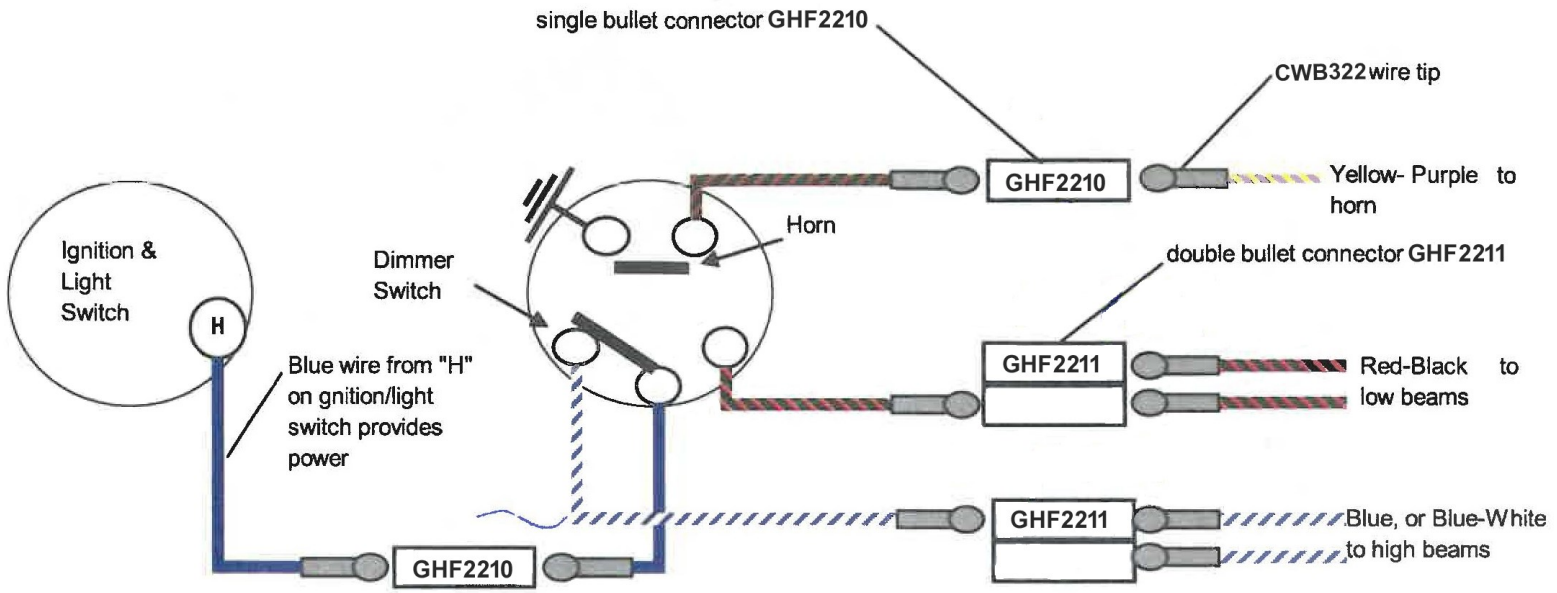


FIG 2

Looking at the back of the switch (Fig 2) you can see that moving the lever (2a) moves the brass contact (2b) from one headlight circuit to the other. Blue (2e) is the power feed to the dimmer switch. It needs to be connected to the wire coming from the H terminal on the ignition/light switch. Blue-red (2c) goes to the low beam wires. Blue-white (2d) goes to the high beam wires. Brown-black (2f) is the feed to the horn push from the horn. The Brown-black wire goes to ground through the mounting screws when the horn push is pressed, completing the horn circuit.

BROWN & GAMMONS LTD
Tel: 01462 490049 Fax: 01462 491940
www.ukmgparts.com
sales@ukmgparts.com

MG TC AND TD HORN PUSH AND HEADLIGHT DIMMER FITTING INSTRUCTIONS (27H5106)



Connecting the Wiring

The diagram above shows how the switch can be connected.

The original switch was hard wired to the harness. That makes installing, removing and servicing the switch a real pain. We have our switch made with short wire pigtails terminated with Lucas wire nipples.

You could cut the wire nipples off the switch and solder the connections, but that make the installation semi-permanent. If you install the switch as shown here, it makes it easy to work on.

To install the switch as shown, you will need:

6 x CWB322 Wire tip, solder type

2 x GHF2210 Connector sleeve, wire, single

2 x GHF2211 Connector sleeve, wire, double