

Hazard Warning Light System (DMMOC Supplementary Guide)

Application: Universal (Instructions amended for Morris Minor Use)

Kit contents	Qty
Hazard Light Switch	1
flasher unit	1
Mounting bracket space one moulded ABS	1

Additional Items Required:

Electrical connectors- snap-lock type self stripping connectors may be used but it is preferable to use permanent, soldered lucar or bullet connectors and insulators where possible.

Bullet connector (crimp-on)	MQC 412101 brackets pack of 10
Two way common connector	104618
Four way common connector	RTC 603A
Six way common connector	2H4992

Mounting guidelines:

Please note that this is a universal kit so mounting and connections may vary dependent on model. The device must be mounted where the warning lamp (in the switch knob) is clearly visible to the driver.

The kit includes a bracket which allows installation under the dash and can be mounted directly by drilling a 1.5mm hole and discarding the bracket assembly. The flasher unit clip should be removed from the bracket and used to retain the flasher unit close to the switch. The clip should be fitted directly to the vehicle body with a self-tapping screw.

Wiring Connections

Disconnect the battery whilst carrying out any wiring work.

1. Connect the purple wire to a suitable 12 Volt permanent live source. A spare terminal may be found on the fuse box or direct to the permanent live side of the starter solenoid. It is possible to use the purple wire feed to the courtesy light using a multi-way bullet connector. Connect the black wire to a suitable body earth.

2. Disconnect the green wire that goes to the live terminal on the indicator flasher unit (under the bonnet) this wire is green and connected to the flasher unit terminal marked 'B'. This terminal is only live when the ignition is switched on.

(for information:)

"B " terminal, Green wire brings 12 volts power to the Flasher unit from the fuse box.

" P" terminal, Light green wire sends power 12volts to the warning light on the stalk.

" L "Green / Brown wire sends power 12volts to the indicator switch and then onto the right hand and left-hand flashers.

Disclaimer: *These notes have been reproduced and modified to suit a fitting installation of the standard kit as supplied by ESM (ACC180) to a late Morris Minor. They are for guidance only. No liability will be accepted for any errors or consequences arising from following this guide.*

3. Identify the two green/purple wires on the hazard light switch. Using one male and one female insulated Lucar terminals, connect one green/purple wire to terminal 'B' on the flasher unit and the other green/purple wire to the feed wire for the indicator flasher unit.

4. Locate the indicator wiring connectors on the car. these are the connections where the wires from the indicator switch joins the main loom, these are green/white and green/red colour codes.

Connect the green/white wire from the hazard switch to provide the green/white circuit (Right hand indicator) and connect the green wire from the hazard switch to the green/red Left hand indicator) circuit.

5. Check all connections and ensure all fastenings are tight. Check that the knob is securely screwed to the switch as this holds the warning lamp bulb in its holder. There is a small spring which is easily lost.

Testing and operation:

1. Reconnect battery and test circuits.

2. With the knob pushed in, the indicator circuit is live and the indicators should work normally.

3. With the knob pulled out, the indicator circuit is broken and the hazard circuit is live and should flash all indicator lamps including the dashboard indicator warning lamps and the hazard warning lamp in the switch knob.

Notes:

There are two unused terminals on the hazard warning light system. These are for vehicles fitted with a trailer socket and should be connected to the #5 terminal and #6 terminal on the socket. However, a qualified auto electrician should be consulted for these connections as some other wires on the trailer socket may have to be reconnected.