

Installation Guide

HF-20 Headlight Flasher

IMPORTANT NOTES - PLEASE READ

The use of the headlight flasher may be regulated by county/authorities. It is the responsibility of the end user to comply with these regulations.

The installation of this headlight flasher unit requires modification to the standard headlight wiring.

— Note that installation of this Flasher must not be attempted on vehicles with ground switched headlights.

Before attempting installation, please read all instructions and disconnect battery!

INSTALLATION

Before carrying out the installation, ensure that the battery has been disconnected.

Ground Switch(Black)

Connect this wire to one terminal on the switch. Connect the remaining terminal on the switch to a suitable earthing point.

Over-Ride(White)

Connect this wire to the wire that connects to the High Beam switch. See below.

Positive 12v(Red)

Connect this wire to a +12VDC power source. IMPORTANT - It is highly recommended that all live feeds MUST be fused.

Right Out (Green)

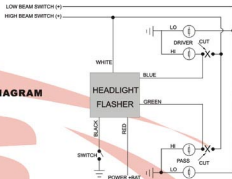
Locate the wire that connects the driver side high beam lamp to the headlight switch. Cut this wire at a point 4 inches away from the lamp. Connect the GREEN wire to the wire that connects to the high beam lamp. Connect the WHITE wire to the wire that connects to the headlight switch.

Left Out (Blue)

Locate the wire that connects the passenger side high beam lamp to the headlight switch. Cut this wire at a point 4 inches away from the lamp. Connect the BLUE wire to the wire that connects to the high beam lamp. Connect the WHITE wire to the wire that connects to the headlight switch.

1. Mount the flasher inside the vehicle in a suitable location.
2. Use a Voltmeter to identify the High Beam wire. - To do this, turn the lights on to the High Beam position, and measure which wire has voltage. (~12.8v)
3. Connect the wires as shown. See diagram overleaf for a detailed drawing.

WIRING DIAGRAM



OPERATION

The headlight flasher unit is designed to work during the day and the night.

To ensure maximum safety, it is advised that you do not allow both High and Low beam to be active at anyone period, as this creates excessive heat.

DAY OPERATION

To operate the device in the day (Lights off), simply activate the power switch to begin the lights flashing. Ensuring that the switch is returned to the 'off' position will stop the flasher unit.

NIGHT OPERATION

Low Beam Lights Active:

As the device works only using the High beam light, these will flash alternatively regardless as to the state of the Low beam lights.

High Beam Lights Active:

If you have your high beam lights on and wish to operate the device, it will automatically cut off the continuous signal and start the lights flashing. Ensuring that the switch is back in the 'off' position will allow the headlights to operate as normal.

Please note that we hold no responsibility for damage or injury that may occur if these modifications are carried out. Whilst every care has been taken to ensure that the design of these circuits will have no detrimental effect, it is up to you to decide on the suitability of the circuits and it is installed with the understanding that the modification is implemented at your own risk.



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