



Blink**STOP**

*user guide &
fitting instructions*

***“the units are great and a real
boon to kit car ownership”***

“the products are top quality”

BlinkSTOP: Super smart auto-cancelling
indicator control in a weight
and power-efficient module



***“BlinkSTOP is a top quality piece of kit.
You won't go wrong and it's easy to fit”***

***“BlinkSTOP works perfectly ..
very easy to install”***

Thank you for purchasing BlinkSTOP!

BlinkSTOP, the smart and easy way to add indicator and hazard control to your car.

Here's all the information you'll need.



CONTENTS

BlinkSTOP unit

Loom, or optionally, pins and connector

YOU WILL NEED

Suitable loom connectors e.g. crimp spades

WARNINGS

Please read the fitting instructions carefully before commencing

DISCONNECT VEHICLE BATTERY BEFORE INSTALLATION

FEATURES

- BlinkSTOP auto-cancels your indicators after your pre-set duration. BlinkSTOP's smart features ensure it functions only when you want it to.
- Uniquely, BlinkSTOP is user-configurable to work with ON-OFF-ON toggle switches or momentary pushbuttons.
- Use BlinkSTOP with traditional indicator bulbs or LED bulbs.
- BlinkSTOP works alongside your existing flasher relay and can replace it to simplify your wiring with a 90 flash per minute rate.
- Press left and right buttons together, or add a DPDT switch input, for a continuous hazard function.
- Make the most of your pushbuttons, with a press on the same side to cancel your indicator, or switch to the other side using the opposite button. Or use a fast press to trigger a 3-flash lane indication.
- Paused in traffic or waiting to turn? Indicator cancelling is disabled by the brake pedal, and for 6 or 9 seconds afterwards so that the indicators remain on until you've finished your manoeuvre.
- BlinkSTOP's configurable nature lets you choose between 12 or 18 second flash durations.
- BlinkSTOP measures 75mm x 50mm x 27mm and weighs just 125g - including the loom!
- Lightweight, compact, efficient and cost-effective design.

BlinkSTOP

SPECIFICATION

Case dimensions 75mm x 50mm x 27mm.

BlinkSTOP can be set for either 12 or 18 seconds of indicator flash duration with a user-configurable DIP switch.

Cancelling is inhibited while the brake pedal is pressed. A hazard function is included.

BlinkSTOP can be used with any **[ON]** / **[OFF]** / **[ON]** switch or can be used with momentary **[ON]** push buttons:

- With an **[ON]** / **[OFF]** / **[ON]** switch, normal indicator function is returned by first switching to **[OFF]**, then to whichever direction is needed;
- With push buttons, the indicator can be toggled **[ON]** and **[OFF]** with each push.
 - If changing direction from Right to Left (or vice versa), push the opposite button once and the indicator will cancel and switch to the new required side, with a reset of the cancelling timer.
 - Push both buttons together to active the hazard mode; cancel by pressing either button.
 - A very short press (<0.2 secs) will trigger lane indication mode. The indicator will flash 4 times then cancel.

Note – it is a UK MoT requirement to have a single hazard switch that should work with ignition **[OFF]**. BlinkSTOP supports the addition of a DPDT hazard switch as shown in [Figure 1](#) or [Figure 2](#).



PREPARATION

Identify the fused 12V Ignition and 12V Permanent Hazard supply circuits (normally located at the Hazard switch).

Identify a suitable Ground connection, ideally direct to the vehicle chassis.

Identify the switched output of the Brake Light switch. For plunger-type mechanical switches and hydraulic pressure switches there should be an ignition-switched Live on one pin (often a green wire) and a brake-switched Live on the other pin (often green/purple).

Identify the Left and Right indicator circuits at the indicator switch (often green/red and green/white respectively). The flasher relay output is not required for the BlinkSTOP installation as BlinkSTOP generates its own flashing outputs.

CONFIGURATION

Remove the four screws and open the case.

Set DIP1 switch to match your indicator switch type:

- Lucas = **[ON] / [OFF] / [ON]** toggle switch. This is the **default** setting;
- mom = Momentary Left and Right push buttons.

Set DIP2 switch for your preferred maximum flash duration:

- 18 seconds. This works well for **[ON] / [OFF] / [ON]** toggle switches and is the **default** setting;
- 12 seconds. Recommended for pushbuttons.

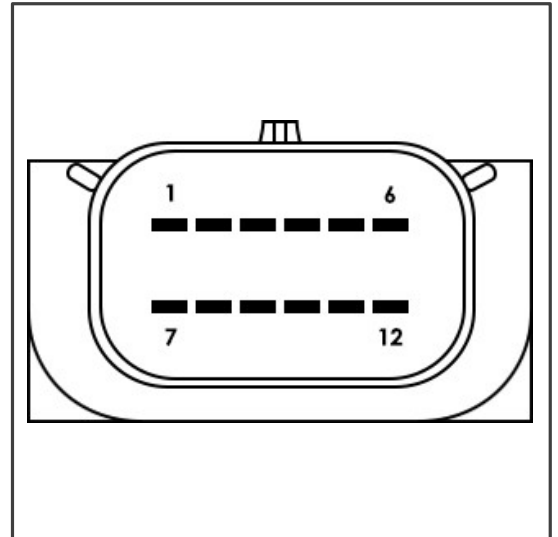
Close the case and replace the four screws, without over-tightening.



WIRING KEY

BlinkSTOP is provided with a mating connector and suitable pins and cavity plugs or optionally, with a purpose-built wiring loom. Refer to the pinout key if wiring yourself.

PIN	COLOUR	FUNCTION / CHANNEL
1	RED	12V IGNITION POWER
2	WHITE	LEFT INDICATOR OUTPUT
3	WHITE	RIGHT INDICATOR OUTPUT
4	-	-
5	-	-
6	-	-
7	BLACK	VEHICLE GROUND
8	BROWN	12V SWITCH COMMON
9	WHITE	LEFT SWITCH
10	WHITE	RIGHT SWITCH
11	WHITE	HAZARD SWITCH
12	GREEN	BRAKE LIGHT 12V SENSE

**INSTALLATION**

Choose a cool location for the BlinkSTOP unit inside the car. **Disconnect the vehicle battery.**

Connect the unit to the previously identified wires. Spade crimp connectors are suitable and fast to connect to existing switch wiring.

Follow the appropriate circuit [Figure 1](#) or [Figure 2](#), below. BlinkSTOP is simply a 'smart switch'.

Re-connect vehicle battery and test that all works as expected. You should hear the unit's internal relays clicking, when the indicator switches are activated.

FIGURE 1 // SUGGESTED WIRING PLAN FOR MOMENTARY [ON] BUTTONS (E.G. STEERING WHEEL)

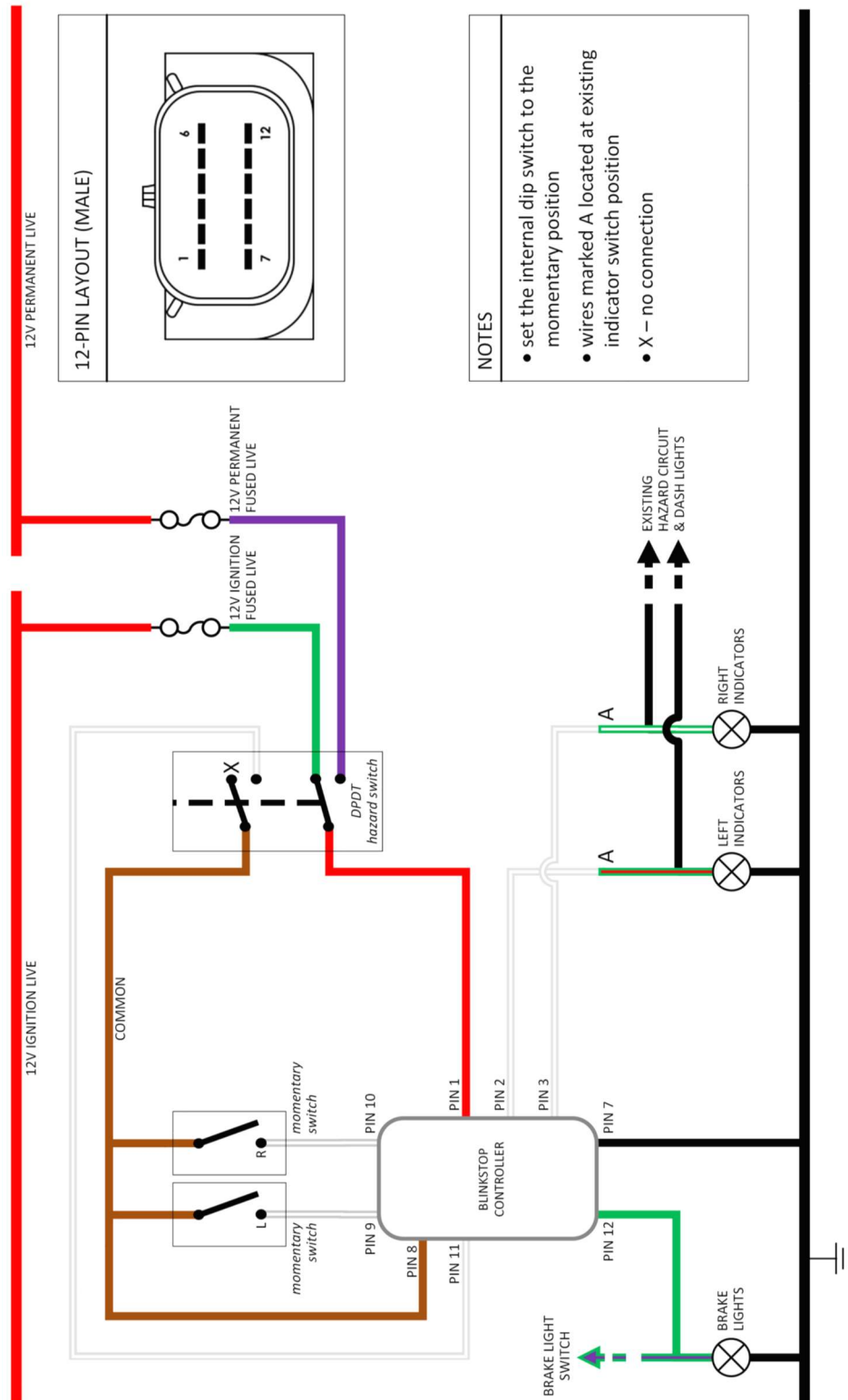
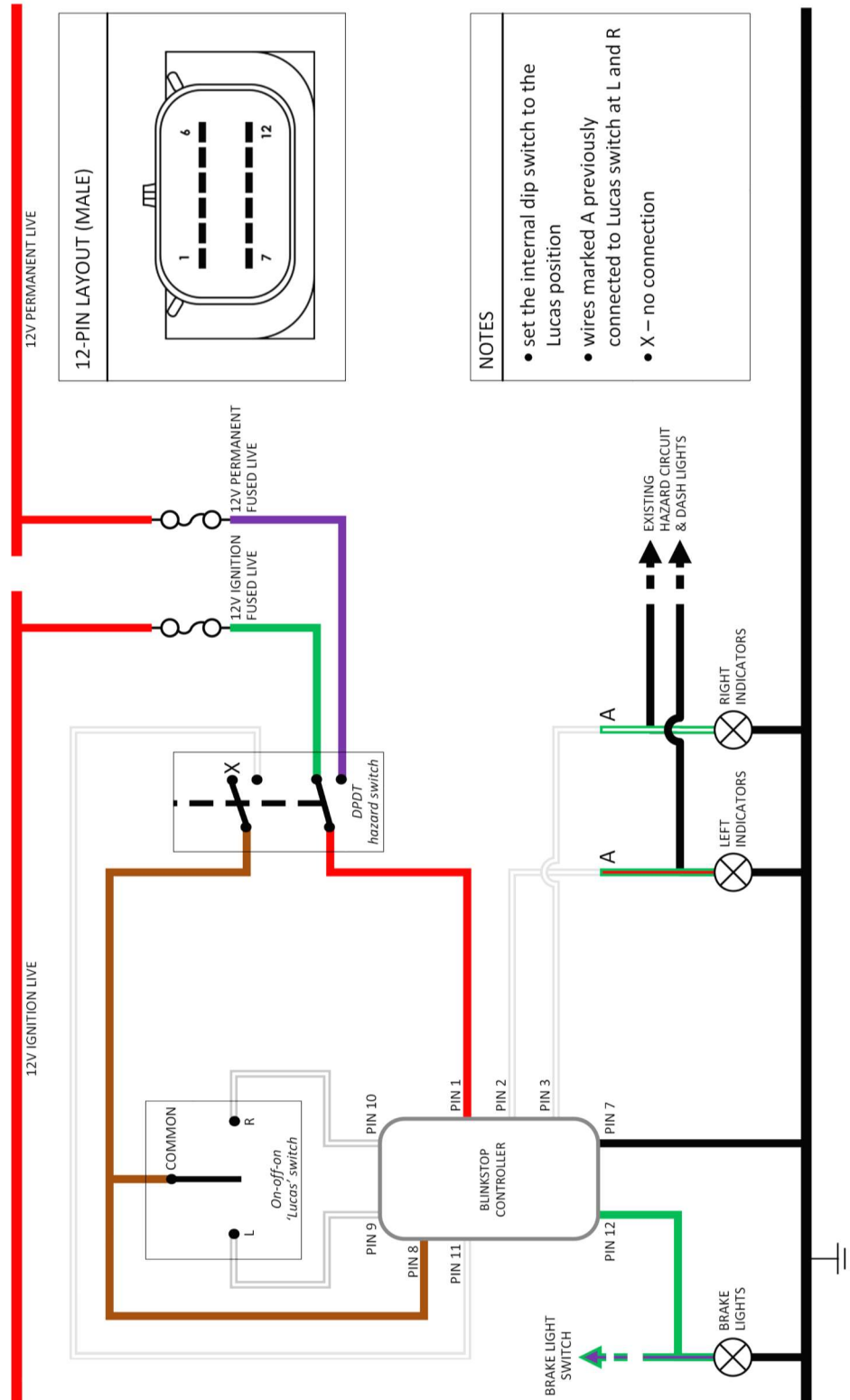


FIGURE 2 // SUGGESTED WIRING PLAN FOR [ON] / [OFF] / [ON] TOGGLE SWITCH (E.G. LUCAS TYPE)



GUARANTEE

All our products come with a two-year guarantee, except our batteries which have a five-year guarantee.

RETURNS & EXCHANGES

You can return many of our products within 14 days from delivery, however customised goods and bespoke hardware, firmware and software cannot be returned or exchanged.

GOT A PROBLEM OR CHANGED YOUR MIND?

In all cases, we will be reasonable and responsive and will endeavour to give an excellent service. Please see blinkstop.co.uk/shop for further details.

BlinkSTOP.co.uk

Contact:
info@blinkstop.co.uk

Another quality product from

Kit Car Electronics Limited

