



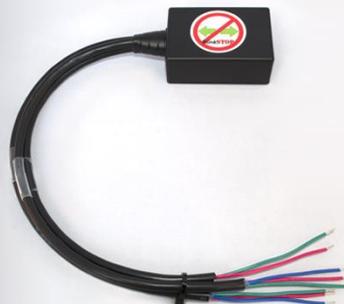
*Blink*STOP

*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 cancelling to your kit car.

Here's all the information you'll need.



CONTENTS

BlinkSTOP unit

YOU WILL NEED

Spade connectors, wire strippers

Optionally, VELCRO or servo tape, heat shrink

WARNINGS

Please read the fitting instructions carefully before commencing

BlinkSTOP contains 5V circuits that may be damaged irreparably by incorrect installation, but if fitted correctly should be extremely reliable. BlinkSTOP is compatible with LED indicators or 21W filament bulbs with side repeaters, but maximum total load is 50W PER SIDE.

DO NOT use with a trailer board unless a separate trailer relay is used or DAMAGE WILL OCCUR!

FEATURES

- BlinkSTOP auto-cancels your indicators after your pre-set duration. Choose between 12 or 18 seconds.
- BlinkSTOP's smart, configurable features ensure it functions only when you want it to.
- Paused in traffic or waiting to turn? BlinkSTOP is inhibited by the brake pedal, so that the indicators remain on until you've finished your manoeuvre.
- BlinkSTOP works with traditional indicator or LED bulbs and works alongside your existing flasher relay, which is retained for the hazard flash function and unaffected by BlinkSTOP.
- Uniquely, BlinkSTOP is user-configurable to work with toggle switches and push-buttons.
- Lightweight, compact, efficient and cost-effective design.

BlinkSTOP

SPECIFICATION

Dimensions 75mm x 50mm x 27mm.

BlinkSTOP can be set for either 12 or 18 seconds of indicator flash duration, and disabled by the brake pedal, with a user-configurable DIP switch.

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.



PREPARATION

Identify an ignition-switched Live ($\leq 10A$ Fused) circuit that can be used for the power supply to BlinkSTOP. The BlinkSTOP controller draws very little current ($< 50mA$) so will not increase the load on a circuit significantly.

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). The ignition-switched Live could be used for the BlinkSTOP power supply if convenient.

Identify the Left and Right indicator circuits at the switch (often green/red and green/white respectively). The flasher feed will not be used for the BlinkSTOP fitting.

CONFIGURATION

Open the case.

Set DIP1 switch to match your indicator switch type:

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

Set DIP2 switch for your preferred maximum flash duration:

- ON = 18 seconds AND at least 9 seconds since last brake pedal activation. This works well for [ON] / [OFF] / [ON] toggle switches and is the **default** setting;
- OFF = 12 seconds AND at least 6 seconds since last brake pedal activation. Recommended for push buttons.

Close the case.



INSTALLATION

Choose a dry, cool location for the BlinkSTOP unit inside the car. BlinkSTOP contains MOSFETS that can become warm, but the case should never be hot to touch. Cable ties or Velcro tape are both suitable methods for fixing.

With ignition switched off or (preferably) the battery disconnected, connect the unit to the previously identified wires. Spade crimp connectors are suitable and fast to connect to existing indicator switch wiring.

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

N.B. The BlinkSTOP Indicator switches use three dedicated wires (a common signal return and two separate feeds). **The blue signal return (switch common) IS NOT A GROUND so can't be shared with any other switches.**

Re-connect battery and test that all works as expected.

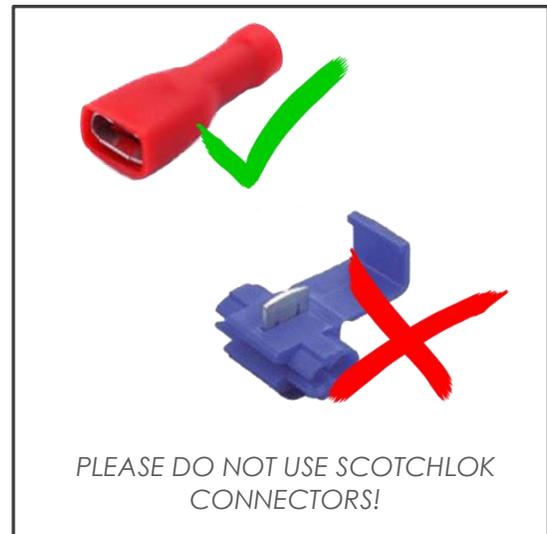


FIGURE 1 // SUGGESTED WIRING PLAN FOR MOMENTARY [ON] BUTTONS (E.G. STEERING WHEEL)

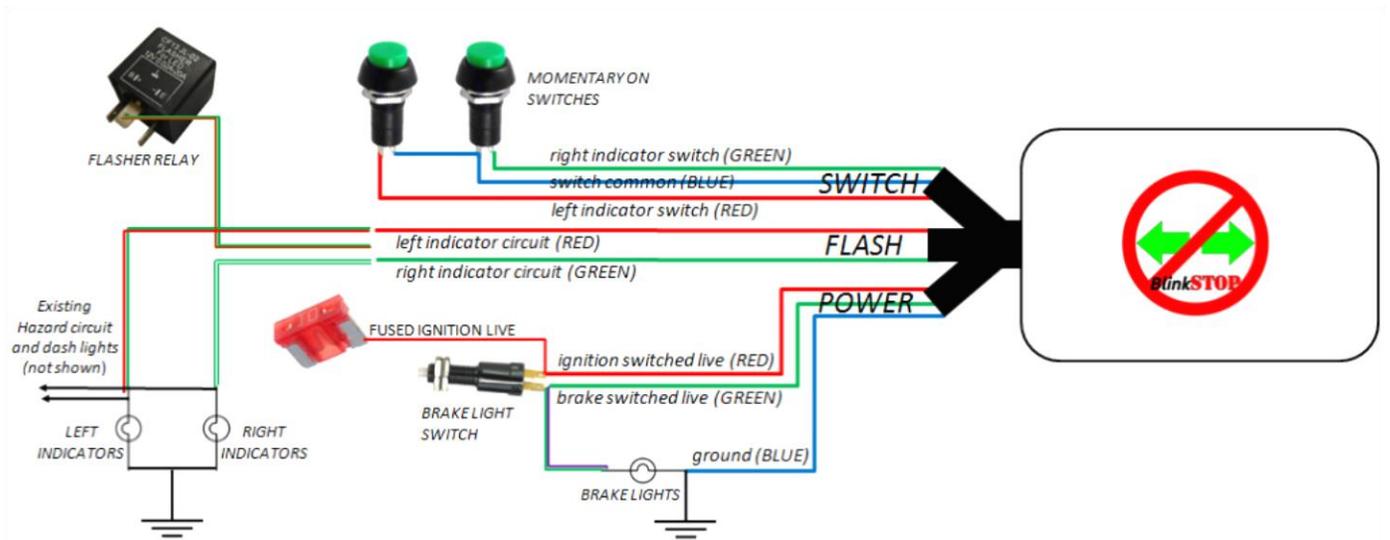
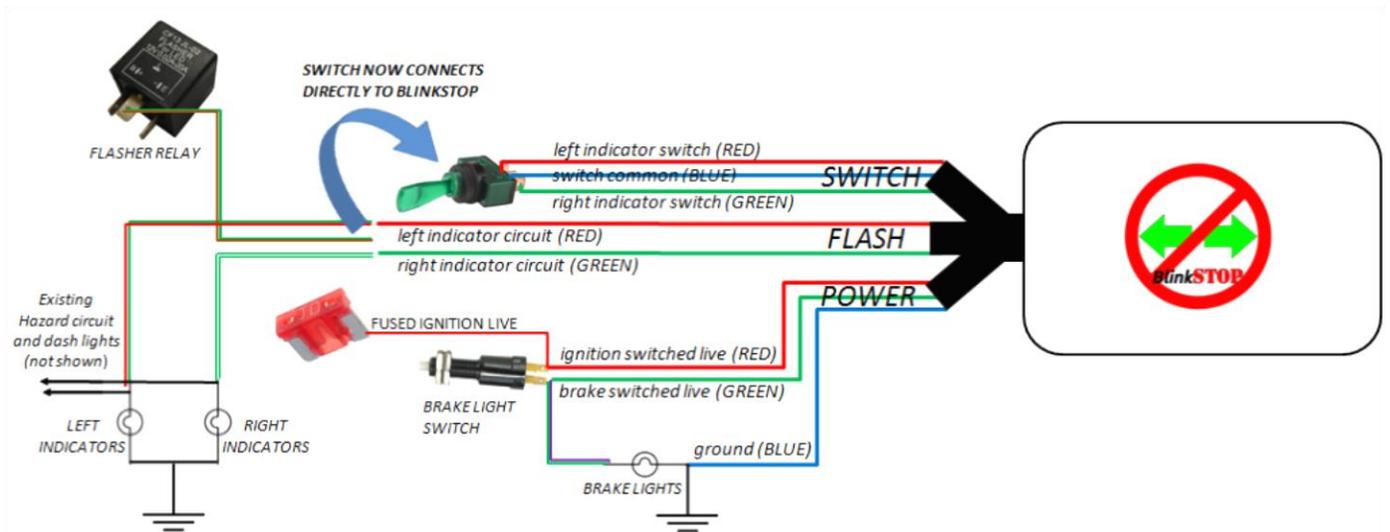


FIGURE 2 // SUGGESTED WIRING PLAN FOR [ON] / [OFF] / [ON] TOGGLE SWITCH (E.G. LUCAS TYPE)



BlinkSTOP.co.uk

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Another quality product from

Kit Car Electronics

