

Brake Light Flasher M1/M2. Manual.

!!! Warning !!!

DO NOT return the item to the original retailer. Contact the support for any problem with the item or item delivery.

3rdbrakeflasher@gmail.com



3rd Brake light flasher creates a brake light flashing effect to catch the attention of the drivers behind and avoid dangerous rear-end collisions. The flasher module is a microprocessor-based circuit specifically designed for brake light operations and packaged in a very tiny package. It works on both LED and incandescent bulbs.

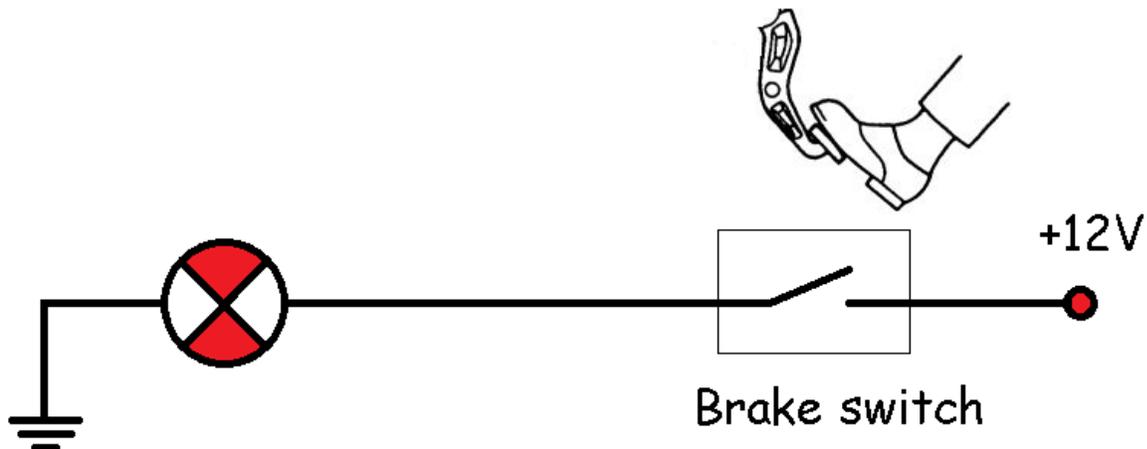
Supply voltage: 12V
Max current: 10 amp or 100watt bulb.

Tools required for installation:
Wire crimper tool (found in any auto/home improvement store).

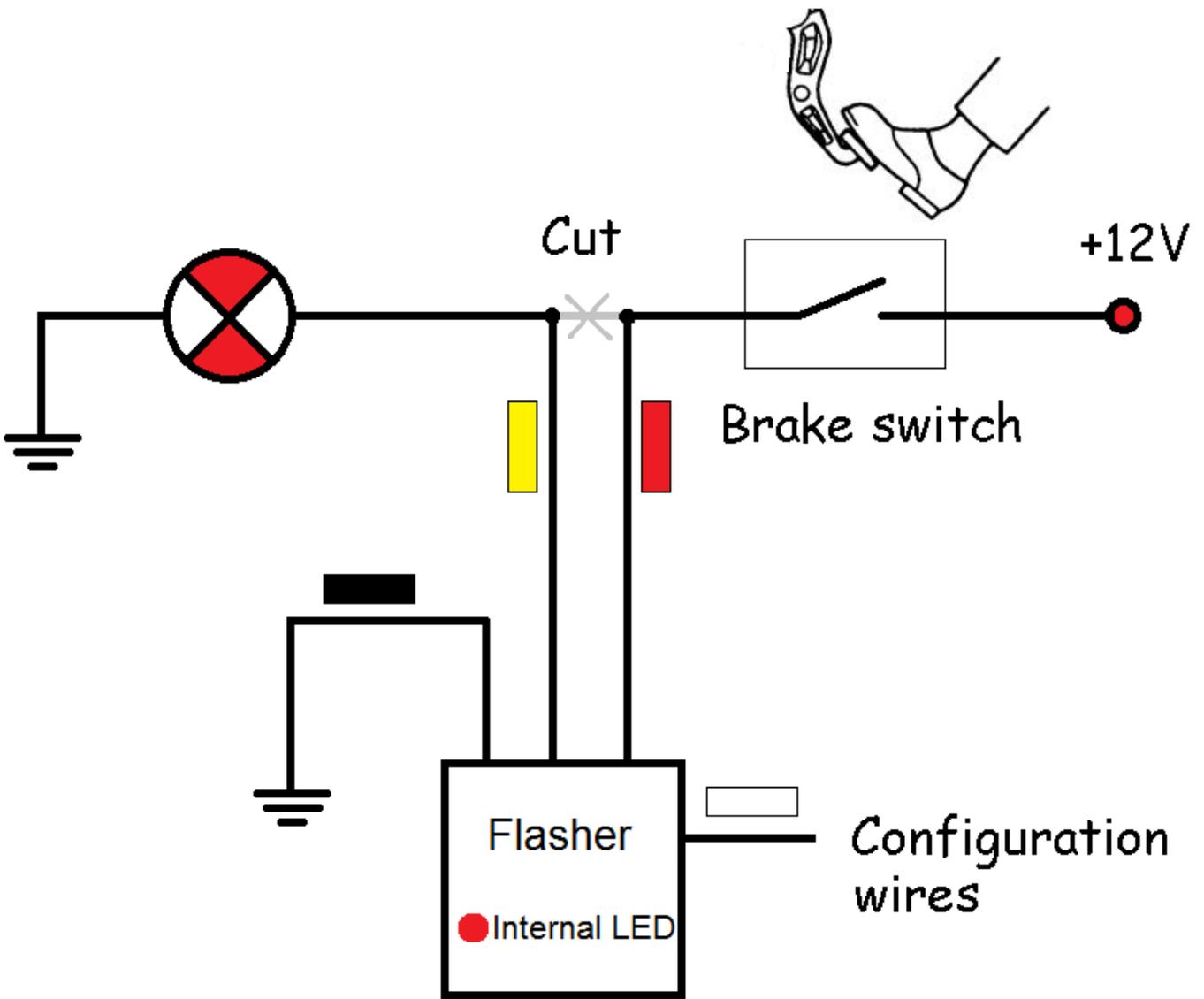
<http://www.3rdbrakeflasher.com>

Installation

1. Get access to the 3rd brake light assembly, and disassemble it to get access to wires. There will be two wires leading to the brake bulb one is **ground** and the other is **power** (+12v when the brake pedal is pushed). You need to figure out which wire is **ground** and which is **power**. Use voltmeter or referer to the car wiring diagram.



2. Cut the **power** wire and connect the flasher module ***RED*** wire to it. Make sure you use the **power** wire end going to the switch and not the bulb.



3. Now using provided quick splice connector attach the flasher module **BLACK** wire to the ground wire.
4. Connect module flasher **YELLOW** wire to the wire leading to the bulb.
5. The white wire is used for configuration.
6. Installation is complete.

Light flashing options:

The flasher is configured to flash sixteen times with a high flash rate. Follow the procedure below to change the flasher's light pattern. It is accomplished by setting up six flasher settings listed below.

	Parameter	Value	Description
1	Flashing mode	1 – Standard 2 – Fast flashing followed by slow flashing. 3 – Continues change of flashing rate from high to slow	Standard mode will flash light with preset rate. In mode #2 light will flash with preset rate and then repeat but with rate three times slower than the original one. In mode #3 light will start flashing with a preset rate and with every cycle flashing rate will decrease.
2	Quantity of light flashes	From 1 to 16	A number of flashing cycles.
3	Light flashing rate	Twenty-five different rates, from very fast to very slow	Flashing rate.
4	Continuous mode	1 – Repeat after 6 sec 2 – Repeat after 12 sec 3 – Repeat after 18 sec 4 – Repeat after 24 sec 5 – Continues mode disabled 6 – Continues flashing without delay	With continuous mode selected light will cycle through a flashing pattern with preset delay. So with mode set to #1 and brakes continuously engaged light will cycle through flashing sequence, wait for 6 seconds and repeat. In mode #5 repeat of the flashing pattern does not happen until vehicle brakes are disengaged.

Mode changing procedure:

3rd brake flasher module has several different flashing mode combinations. To go into settings mode short white wire to the ground(black) for a brief moment. To save the parameter and move to the next one short white wire to the ground until a fast confirmation flashing sequence is displayed. Every time parameter is saved flasher moves to the next one, it would blink several times corresponding to the value parameter is currently set to. To start over just power off the flasher for a couple of seconds and repeat the steps.

Configuration steps:

1. Push the vehicle brake pedal so the brake light is illuminated (ask somebody for help or put something heavy on the brake pedal).
2. The first time the brake pedal is pushed brake light will play the default flashing pattern. Then the brake light will stay ON.
3. Quickly short and disconnect white wire to ground to go into settings mode. The flasher will switch OFF the vehicle brake light.
4. The first setting is **Flashing** mode. After the flasher is put into the Settings mode light will blink several times corresponding to the current Flashing mode value. If the Flashing mode was set to 1 then the light will blink one time, if the mode was set to 2 then the light will blink twice, and so on.
5. At this time there are two choices, either change the setting or move on to the next one.
6. To change the setting, quickly short white to the ground and disconnect. The parameter value will increase by one and the light will blink according to the changed value.
7. To confirm and save the setting short white and ground, and hold it together for about 2 seconds until the light starts rapid flashing.
8. Once the setting is saved the flasher will move on to the second parameter which is the **Number of light flashes**. You can either change it or move on to the next parameter by shorting white and ground like it was done in step #7.
9. Continue with flasher configuration changes to the flashing rate and continues mode repeating the steps above.
10. Once desired parameters have been changed exit the configuration mode by powering off the flasher.