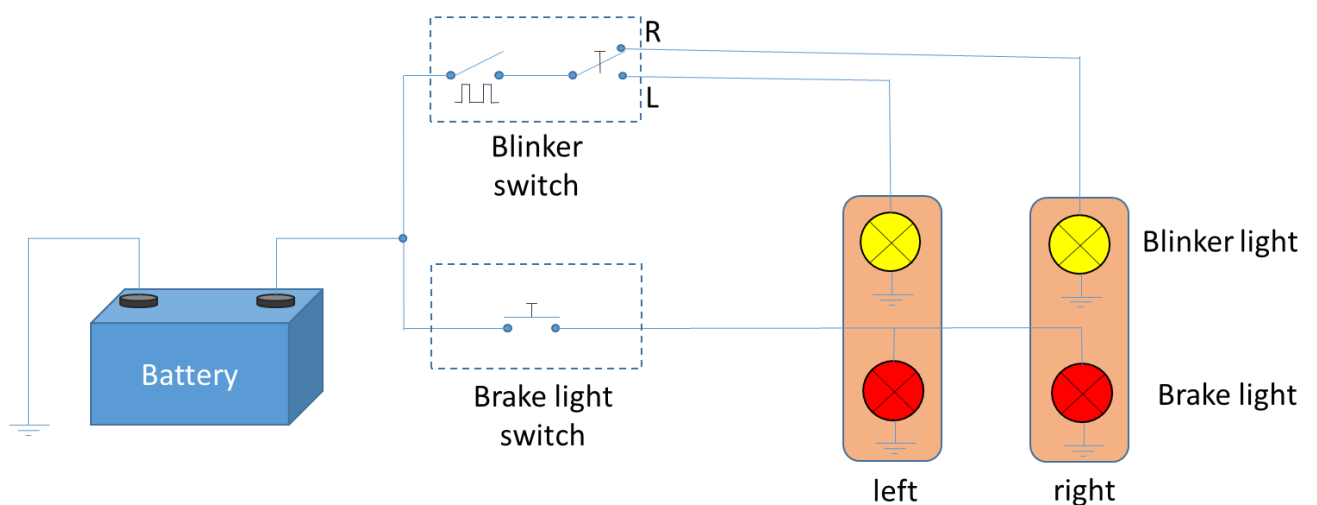


# Installation instructions Clign-o-mat universal 6/12 Volt

Congratulations with the purchase of your Clign-o-mat. The Clign-0-mat improves the visibility of your turn indicator by blinking your brake light simultaneously. You probably recognize the problem: the driver behind you does not see –or does not want to see- the turn indicator mounted high on the side of the body of your vintage car. The Clign-o-mat also works correctly with alarm lights where both blinker lights and brake lights are intermittently activated and does not affect the lights on your trailer.

The Clign-o-mat is a piece of modern technology packaged in a vintage exterior. You can mount the Clign-o-mat somewhere hidden and connect to the existing wiring harness of most vintage cars. In case your electrical diagram resembles the schematic below you will not experience electrical problems. In case your electrical diagram looks fundamentally different you can contact us for practical advice.

Your Clign-o-mat package consists of a control box equipped with 6 universal connectors. The wiring you will have to purchase yourself. The connections are made with 5 mm eye fasteners at the crew connectors. Mounting the control box is done with a metal lip that also doubles as ground connection.



The Clign-o-mat comes in a 6 or 12 Volt version. It is compatible with both the commonly used negative grounded systems as well as, the rarely used, positive grounded systems. Mounting the Clign-o-mat is very easy and requires only basic tools and basic knowledge of your electrical system.

Steps for mounting:

1. First you have to decide where to mount the Clign-o-mat. Often it comes down to two options: in the front of your car somewhere convenient under the dashboard for instance or somewhere in the back for instance in the boot near the rear lights. For assembly in the front you probably have to route a new wire to either the left or the right brake light because often both brake lights are powered with a single wire from the brake light switch. For

assembly in the rear you probably have to route a new wire for the supply voltage of the Clign-o-mat. Please do not connect a wire directly to the battery but make sure it runs via a fuse with the appropriate value.

The schematic diagram below indicates what connections to make.

2. Disconnect the battery to avoid accidental short cuts. All connections with the Clign-o-mat are with common M5 eye connectors. Please use the same wire diameter as the rest of your electrical system (normally 2,5 sqmm).
3. Mount the Clign-o-mat box with the M5 bolt or similar but make sure to use the washer to ensure a proper electrical contact to the chassis. In case your car has a fiberglass body you might have to route an additional ground cable from the lip at the Clign-o-mat to achieve proper ground contact.
4. The control of your indicator indicators remains essentially as is. The only thing you have to do is to provide the Clign-o-mat with the indicator signals as inputs indicated as KN-R and KN-L. The additional load on these signals is very small so you do not have to mount heavier fuses.
5. The control of your brake lights runs via the Clign-o-mat so you have to cut these existing connections and connect them to the appropriate connectors of the Clign-o-mat names RL-In, RL-R and RL-L. The maximum load on these wires also remain essentially the same so also here you can keep the fuse as is. In case you have a crowbar please make sure to keep the control of the brake lights on your trailer directly from the brake pedal and not via the Clign-o-mat.
6. Now connect the supply on the BAT connection of the Clign-o-mat. The maximum load on this connection is the same as the brake light so make sure to use a similar value for the fuse in this connection.
7. Now you can reconnect the battery and verify correct functionality of the Clign-o-mat. Please do not forget to check braking and turning simultaneously and your alarm lights.

