

Installation instruction



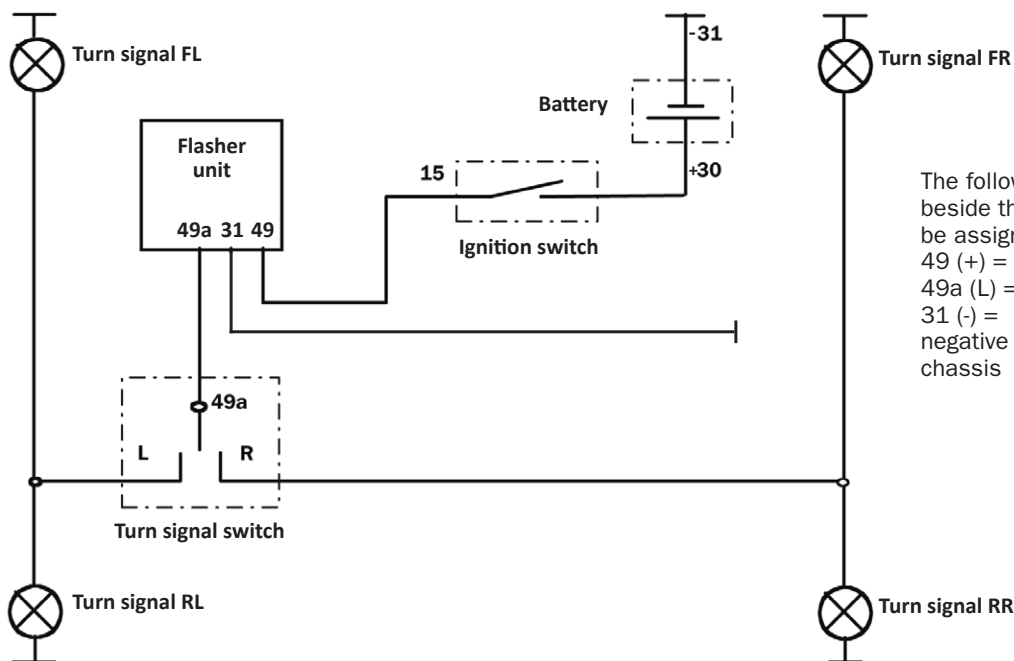
12 V universal flasher unit Order no. 10032273

Dear Customer, Thank you for placing your trust in our product. Please use these instructions when installing the product. The Louis Team wishes you lots of fun.

When using this flasher unit, the sum of the wattages and the number of turn signals installed is unimportant, as long as the total wattage adds up to a minimum of 2 watts and maximum of 100 watts. Within this range, the relay always flashes with the same frequency, irrespective of the number of turn signals connected and the wattage of the turn signals. Therefore, in total you can actuate, for example, two 1-watt turn signals on each side or alternatively four 21-watt lamps, in theory. If LED turn signals are intended for installation and only one turn signal indicator light or one retrofitted acoustic turn signal monitor is in

place, then this relay cannot be used without further modifications. In this case, please use a suitable resistor for each LED turn signal.

Where originally 4 x 21 W turn signals were installed and you now wish to use 1-2 W LED turn signals, for example, please use 4 resistors with Order no. 10032089. Please also consider that the vehicle's own indicator light(s) now always flash with the same frequency. Please fit the flasher unit in a protected position, e.g. underneath a side cover. The flasher unit is splash-proof, but not fully waterproof.



The following numbers are located directly beside the relay connections and must be assigned as follows:
49 (+) = Positive input
49a (L) = Output to the turn signal switch
31 (-) = Return wire directly to the negative terminal of the battery or vehicle chassis

Caution:

Never swap the negative connection (31) with the positive input (49). This would destroy the flasher unit and is not a valid reason for complaint. Since this is a universal product and not intended just for one particular vehicle, it is important to make sure that it is suitable for your type of motorcycle before you use

it for the first time.

In doing so, always follow the instructions in your vehicle owner's manual and the directions of the vehicle manufacturer. This is essential, as improper use of this product or its unsuitability for a vehicle could impair the safety and/or condition of the vehicle.

If you have any questions about the product or these instructions, for prompt assistance please contact our Technical Centre by fax on +49 (40) 734 193-58, or by e-mail at technikcenter@louis.de. We will be pleased to provide prompt assistance. This is the best way to ensure that your product is installed properly and used correctly.