



Thank you for purchasing KOSO i Flash Relay, before operating the unit, please read the instruction thoroughly and retain it for the future reference.

⚠ Notice

- For installation, please follow the steps described in manual. Any damage caused by wrong installation shall be imputed to the users.
- To avoid the short circuit, please don't pull the wire when installing. Don't break or modify the wire terminal.
- Do not disassemble or change any parts excluding the manual description.
- The interior examination or maintenance should be executed by our professionals.

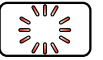
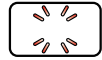
MARK MEANING:

NOTE You could get the installation details from the information behind the mark.

⚠ Some processes must be followed to avoid the affection caused by wrong installation.

⚠ WARNING! Some processes must be followed to avoid damages to yourself or the public.

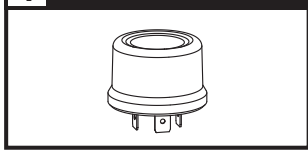
⚠ CAUTION! Some processes must be followed to avoid the damage to the vehicle.



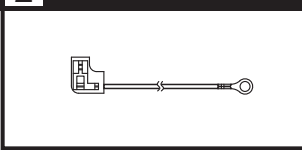
Flashes Fast flashing

1 Accessory

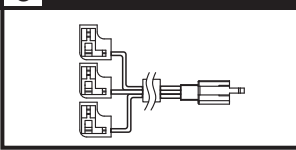
1 i Flash Relay X1



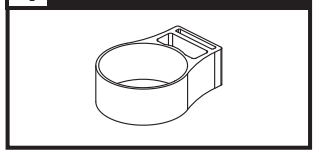
2 Ground wire X1



3 Signal wire X1

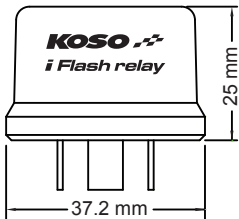


4 Rubber holder X1



NOTE

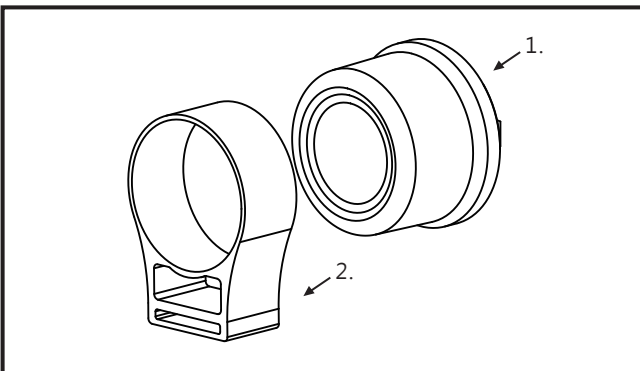
2 Specifications



- Operating temperature range -10 ~ 60 °C
- Standard JIS D 0203
- Operating voltage DC 12 V
- Size 37.2 x 25 mm
- Weight Around 29.6 g

NOTE Design and specifications are subject to change without notice!

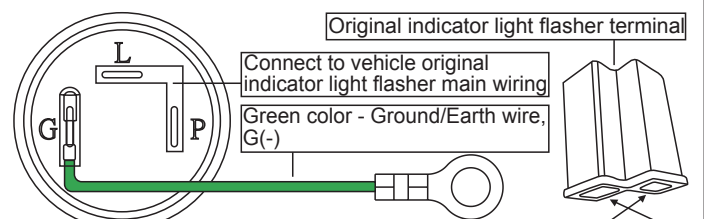
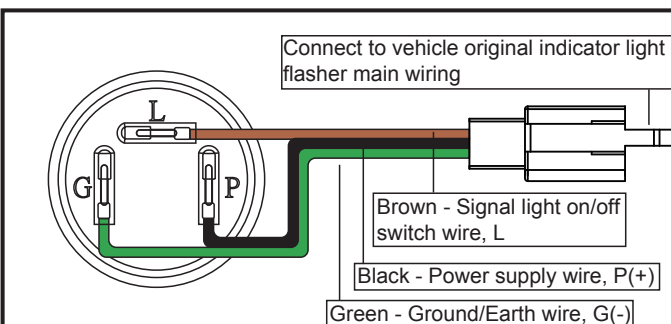
3-1 Installation instructions



Follow the steps below during installation.

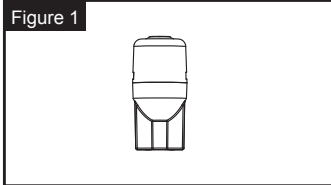
1. i Flash Relay (Accessory 1)
2. Rubber holder (Accessory 4)

3-2 Wiring installation instructions



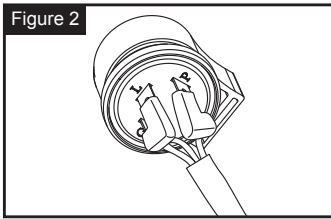
During installation, please follow the instructions below:

1. Before installation, locate and disconnect the vehicle original signal light interrupter terminal
2. After disconnection, reconnect the terminals in opposite position
3. After exchanging terminals position, connect the original indicator light flasher wiring to the LED flasher's L and P pins



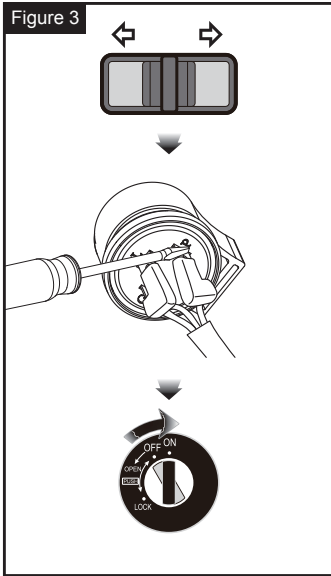
● Please install both front and back LED indicator light before replacing the flasher.

NOTE For first time setup, the flasher needs to be programmed to the LED indicator light's characteristic



● During installation of the wiring, insert half of the terminal to L and P pin of the flasher. Half of the pin should be exposed to enable programming of the flasher.

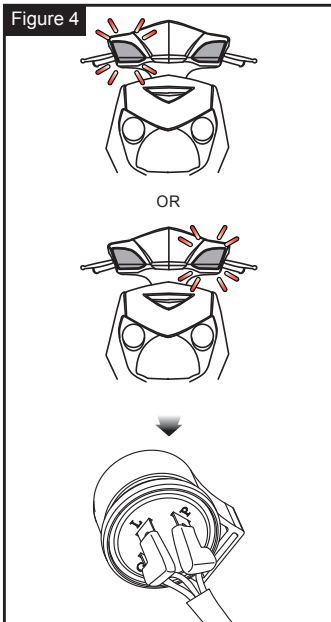
NOTE Once the setting is done, the wiring terminal must be fully insert into the base of the flasher.



Programming Setting:

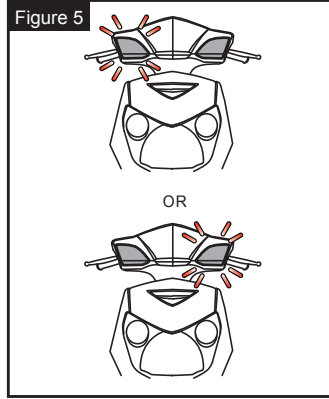
● Switch on the indicator light to either left or right. Using a screwdriver, create a short circuit at the L and P pin of the flasher and then start the engine.

WARNING! Avoid any contact between the screwdriver and the vehicle metallic body parts or earth wire.

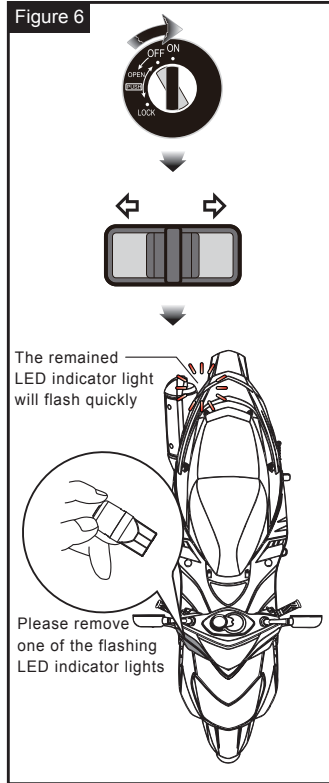


● Once the LED indicator light is switched on, remove the screwdriver to create an open circuit. The LED indicator light will be switched off. Wait for a few seconds until the LED indicator light is switched on again.

CAUTION! The waiting time differs across different LED brand.



● The LED indicator light will go off for a few seconds after it is switched on. When the LED indicator light is switched on once again, it will be flashing in normal speed, indicating that the programming is done.



Troubleshooting of LED indicator light malfunction :

● Turn on the engine and switch on the indicator light to either left or right. The LED indicator light will flash normally. Please remove one of the flashing LED indicator lights. The remained LED indicator light will flash quickly. Finally, reinstall the LED indicator light to its original position and it will be flashing normally.

5 Trouble shooting

The following situation do not indicate malfunction of the meter. Please check the following before taking it in for repair.

Trouble	Check item	Trouble	Check item
Indicator light flashes abnormally when switching to left or right.	● Install LED indicator light from the same brand/company on both left and right side, and reprogram it.	Indicator light flashing abnormally	● Reprogram the flasher. ● Replace a new LED indicator light and reprogram the flasher.
		Indicator light failed to flash quickly	● Reprogram the flasher.

※If still can't solve the problems according to the steps above, please contact with distributors or us.