



Custom Dynamics® Magic Strobes™ Brake Flasher Installation Instructions

We thank you for purchasing the Custom Dynamics® Magic Strobes™ Module! Our products utilize the latest technology and high quality components to ensure you the most reliable service. We offer one of the best warranty programs in the industry and we back our products with excellent customer support, if you have questions before or during installation of this product please call Custom Dynamics® at 1(800) 382-1388.

Part Number: MAGIC-STROBES-TGCVO

Package Contents:

- Magic Strobes™ Brake Flasher (1)
- Instructions

Fits: 2020-2022 Harley-Davidson® Tri Glide Ultra CVO (FLHTCUTGSE)

CAUTION: Only use with Low-Power, Low-Current LEDs such as Custom Dynamics® Turn Signal LEDs (approximately 300mA). Exceeding 5A total output or 2A per circuit could cause the unit to fail. Check the manufacturer's documentation to confirm you're not exceeding the current limitations of the rear lighting circuits.



Please read Information below before Installation

Important: Dial and switches should be maneuvered by hand only. Do not use any tool such as a screwdriver that could damage waterproof covers.

Important: Module must be secured after installation. Find safe area away from any moving parts and out of the way of normal operation of the bike. Use tie-wraps or other means to secure. Custom Dynamics® is not liable for damage as a result of improperly securing or failing to secure the module.

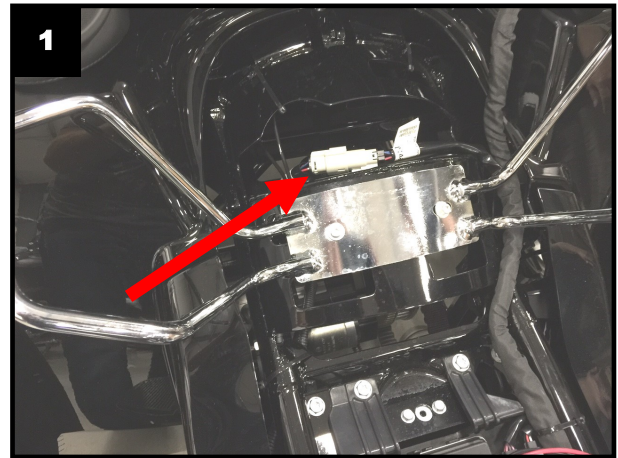
Important: This module will not work properly if the settings in your BCM (body control module) have been modified from its stock factory configuration.

Caution: A stuck brake switch may cause this unit to overheat and fail. Unplug module immediately if this condition occurs.

Note: Although this device has been designed to significantly increase your braking visibility, flash/strobe patterns may not be street legal in your area. This device is not DOT approved.

Installation:

1. Secure motorcycle on level surface. Remove seat. Disconnect negative battery cable from the battery. Locate and unplug the lighting connector to the rear fender. Refer to Photo 1 for connector location.



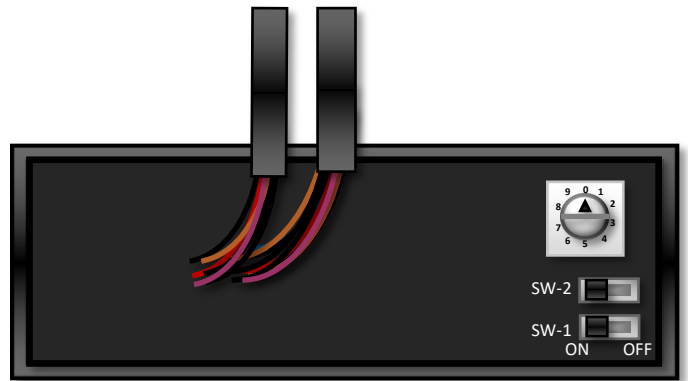
2. Plug the Magic Strobes™ module, in-line, into the rear lighting harness and into the bike's wiring harness.
3. Re-connect the battery's negative battery cable to the negative of the battery.
4. Locate a secure place for the Magic Strobes™ unit that will not interfere with the secure placement of the seat or side cover. Use tie wraps or tape if needed. (not included)

Questions? Call us at: 1 (800) 382-1388 M-TH 8:30AM-5:30PM / FR 9:30AM-5:30PM EST

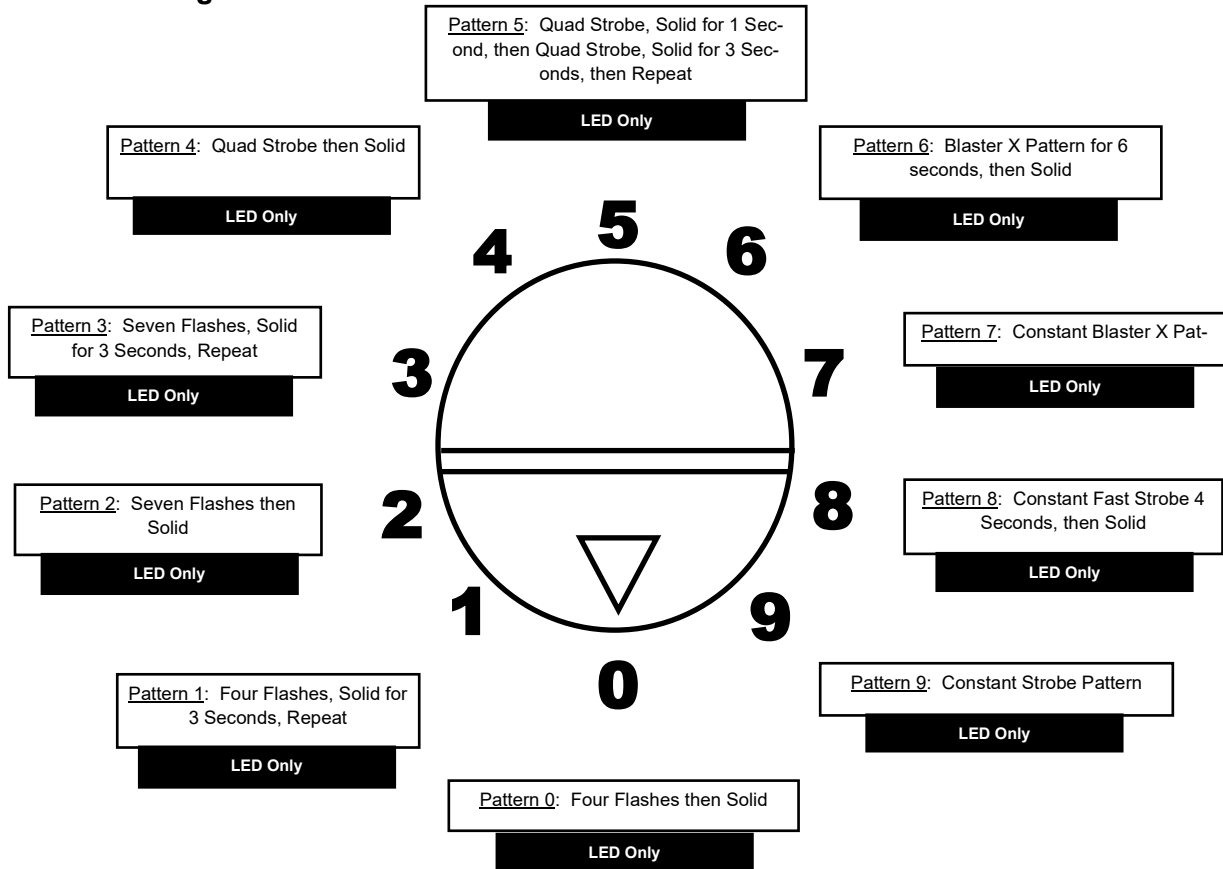
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Installation Continued:

5. Make sure switch 1 & 2 are in the ON position.
6. Select the desired strobe setting from the chart below with the power off. Always turn power off before changing settings.
7. Turn power on and test for function of the turn, run, and brake signals with desired strobe setting.
8. Switch 1 enables you to turn the strobe feature on/off on the rear turn signals (if equipped), or other lights installed such as Plasma Rods™.
9. Switch 2 enables you the ability to turn on/off the center brake (if equipped) strobe signal.
10. Perform a BCM sync by turning the ignition on, turn the 4 way hazards on, turn the ignition off. Allow the 4 way hazards to run for 3-4 minutes. Turn the ignition on. Turn the 4 way hazards off. Turn the ignition off.
11. Reinstall motorcycle seat and test all lighting for proper operation for run, brake and turn before riding.



Strobe Pattern Settings:



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