Custom Dynamics® Magic Strobes™ Brake Flasher
Installation Instructions

We thank you for purchasing the Custom Dynamics® Magic Strobes™ Brake Light Flasher! 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.

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

Part Number: MAGIC-STROBES-UNV

Package Contents:
- Magic Strobes™ Brake Flasher (1)
- Tie Wraps (5)
- Posi-Lock™ Connectors (2)
- Posi-Tap™ Connectors (1)

Fits: Compatible with all 3 wire (ground, high, low) 12VDC taillight systems. Does not work with CanBus electrical systems.

ATTENTION

Please read all Information below before Installation

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 the enclosed tie-wraps to secure. Custom Dynamics® is not liable for damage as a result of improperly securing or failing to secure the module.

Note: When using a Magic Strobes™ with a Smart Signal Stabilizer™ or other load equalizer we recommend installing the Magic Strobes™ after (towards the taillight) the Smart Signal Stabilizer™ or load equalizer. (See Diagram on page 2)

Note: When using a Magic Brake Strobes™ with a Run-Brake-Turn Controller, connect one of two ways:
- To flash both Brake and turns, Install Magic Strobes™ Before Run-Brake-Turn Controller. (See Diagram on page 2)
- To flash only the center taillight, install Magic Strobes™ After Run-Brake-Turn Controller. (See Diagram on page 2)

Note: Do not Install any Custom Dynamics® Magic-Strobes™ unit with Custom Dynamics® Smart Triple Play® unit.

Important: Customers using this module with standard incandescent bulbs should use patterns 0-3 and 9 only. Any other settings selected will result in diminished performance.

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.
2. Remove seat or side panel to access wiring.
3. Disconnect negative [-] battery cable from the battery.
4. Locate brake wire and cut in half (see diagram on page 2).
6. Connect White Wire to Output (brake light) Side using Posi-Lock™. (See instructions on page 2)
7. Connect Black Wire to Ground using Posi-Tap™. (See instructions on page 2)
8. Re-connect the battery’s negative battery cable to the negative [-] of the battery.
9. Select Desired Pattern on the dial with power Off. (See page 3 for Pattern Information)
10. Check Operation.
11. To change pattern, turn bike OFF and change dial to desired pattern.
12. Locate a secure place for the Magic Strobes™ unit that will not interfere with the secure placement of the seat. Secure with the enclosed tie-wraps so that unit will not move.
Module Placement

Correct Placement of Magic Strobes™ is after Smart Signal Stabilizer™ or load equalizer

Incorrect installation - Wrong Location

Magic Strobes™ Installed Before Run-Brake-Turn Module will strobe Tail and Turn Signal

Magic Strobes™ Installed After Run-Brake-Turn Module will strobe Just Tail Light

Wiring Diagram

Note: It is important to verify the wiring to the tail light before installation. Consult your detailed service manual for wire colors. If unsure, use a test light and/or a voltage meter to confirm Brake and Ground wires.

Posi-Lock™ Connectors

EASY AS ①②③

① Strip wire 1/2”
② Insert
③ Hand tighten

Posi-Tap™

TAP CONNECTOR

1. Insert Hot Wire
2. Tighten
3. Strip Leads
4. Insert & Tighten

* TAPS WIRES WITHOUT CUTTING
* TOTAL WIRE INTEGRITY IS MAINTAINED
* INSTILLS IN SECONDS BY HAND
* NO CRIMPING OR TOOLS REQUIRED
* REUSABLE OR PERMANENT
* LESS RESISTANCE
* VIBRATION-PROOF
* FULLY INSULATED
Powers up to (4) LEADS AT ONCE!

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Flash Pattern Information:

Pattern 0: Four Flashes then Solid

Pattern 1: Four Flashes, Solid for 3 Seconds, Repeat

Pattern 2: Seven Flashes then Solid

Pattern 3: Seven Flashes, Solid for 3 Seconds, Repeat

Pattern 4: Quad Strobe then Solid for 1 Second then Quad Strobe

Pattern 5: Quad Strobe, Solid for 1 Second, then Quad Strobe, Solid for 3 Seconds, then Repeat

Pattern 6: Blaster X Pattern for 6 seconds, then Solid

Pattern 7: Constant Blaster X Pattern

Pattern 8: Constant Fast Strobe 4 Seconds, then Solid

Pattern 9: No Pattern