



## Custom Dynamics® MagicFLEX2® Indian® LED Engine Light Kit Installation Instructions

We thank you for purchasing the Custom Dynamics® MagicFLEX2® Indian® LED Engine Accent Light Kit! Our products utilize the latest technology and high quality components to ensure you the brightest, most reliable LED's on the market. 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:** M2EK1-IND

**Package Contents:**

- MagicFLEX2® LED Light Strip 24 LEDs (2)
- MagicFLEX2® LED Light Strip 3 LEDs (1)
- MagicFLEX2® LED Light Strip 6 LEDs (8)
- MagicFLEX® Mounting Block (1)

**MagicFlex® Install Kit**

- Weatherproof Push Button Switch (1)
- Weatherproof fuse holder with 3 amp fuse (1)
- Black wire, 18 AWG (1 foot)
- Red wire, 18 AWG (1 foot)
- Tie Wraps (10)
- Insulated Terminals (2)
- Cage Clamp® Connectors (2)
- Blue Butt Connector (heat shrinkable) (2)
- 3M™ Double Sided Tape (6 inches)

**MagicFLEX® LED Kits:** (sold separately)

- War Bonnet kit CD-IND-WB
- Wheel Kit M2WK1-IND

**Fits:** All Indian® models.

**Tools Needed:**

- Screwdriver (flat and Philips)
- Wire Cutter/stripper
- Wire Crimpers
- Heat Gun
- Open end wrenches
- Razor blade cutting tool

### Cage Clamp® Instructions



Strip wire 9-10 mm. Use the stripped wire gauge on the back of the connector to verify correct strip length.



Push up lever and insert conductor



Push down lever to its closed position.



**Important:** Read all directions before starting project.

**Caution:** Always wear appropriate safety gear including safety glasses when soldering or performing any electrical work. It is highly recommended that safety glasses be worn throughout this installation process. Temperature of bike must be at least 60 degrees F. for tape to properly cure. Be sure bike is on level surface and secure and cool.

**Important:** Disconnect negative battery cable from battery; refer to owner's manual. Failure to do so may result in electrical shock, injury, or fire. Secure negative battery cable away from positive side of battery and all other positive voltage sources on bike.

1. Select hidden locations to mount MagicFLEX2® LED light strips to provide best coverage. See page 3 for recommended locations.
2. Clean mounting locations on motorcycle with denatured alcohol, and allow to dry.
3. Select appropriate mounting location for weatherproof push button switch. Clean mounting location with denatured alcohol, and allow to dry.
4. Adhere switch.
5. Route both red and black wires from MagicFLEX2® LED light strips back to central points near battery compartment under seat. Route wires such that they not interfere with normal operation of bike. Cut off any excess wires, strip back insulation as required.

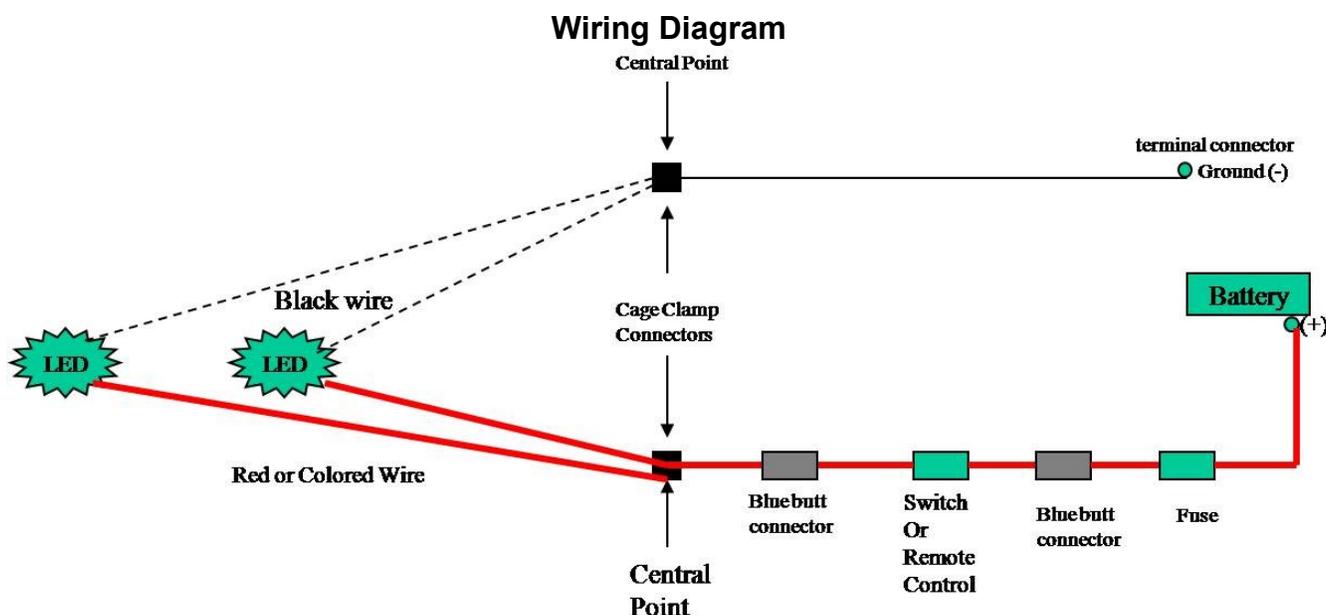
**Questions? Call us at: 1 (800) 382-1388 M-TH 9AM-6PM / FR 10AM-6PM EST**

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5. Select several locations to secure wires to frame. Secure wires using tie wraps provided.
6. Join all black wires from LEDs to (1) Cage Clamp® connector. Connect one of 18 AWG black wire to the Cage Clamp®.
7. Take remaining end of 18 AWG black wire and route to frame ground on bike. Use terminal connector to connect to frame ground or negative side of battery, insert wire and crimp.
8. Join all red wires from LEDs to remaining Cage Clamp® connector. Connect one end of Red 18AWG into Cage Clamp® connector.
9. Connect one end of push button switch to 18 AWG Red with blue butt connector. Crimp wires in butt connector..
10. Connect remaining end of push button switch to one end of fuse holder with a blue butt connector, insert wire and crimp.
11. Place remaining terminal connector on remaining wire of fuse holder. Crimp wire in terminal connector.
12. Connect end of fuse holder with spade terminal to positive (+) side of battery. Take necessary precautions when making connection and refer to bike's owner's manual.

**Caution:** DO NOT allow any tools to touch both positive (+) side of battery and any metal surface on bike as it will cause a short which could result in serious injury and damage to the battery or other electrical circuits.

13. Secure any remaining wires with tie wraps.
14. Heat heat-shrinkable connectors with heat gun or blow dryer until it shrinks down around wires.
15. Reconnect negative battery terminal to negative side of battery taking necessary precautions not to touch positive side of battery or any positive cable.
16. Place fuse in fuse holder and replace cover.
17. Turn on switch and check operation of all lights. Allow double-sided tape to bond for 72 hours before exposing to water.



This product is designed and intended for use as auxiliary lighting only. It is NOT intended to replace any original equipment lighting installed on the vehicle and should not be used for that purpose. This product must be wired so that it does not interfere with any original equipment lighting.

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### Recommended engine locations for MagicFLEX2® LED light strips.

**Note: Clean the locations with denatured alcohol, and let dry before mounting LED light strips and mounting block.**

Place (2) 15 LED light strips on the gas tank above the rocker boxes (one on each side of tank).

Place (2) 6 LED light strips on each side of the frame at the front of gas tank to illuminate the front rocker boxes.

Place (1) 6 LED light strip on the front flat edge of the shock mount facing rear cylinder toward the starter cover.

Place (2) 6 LED light strips on the frame aiming towards the rear cylinder where the rear section of the frame bolt together.

Place (1) 6 LED light strip on the included mounting stick using the included 3M™ double sided tape. Mount the mounting block allowing the LEDs to face down toward the primary.

Place (2) 6 LED light strips on the frame on each side of the oil cooler with the LEDs facing the front cylinder.

Place (1) 3 LED light strips on the bottom right side of the horn mount with LEDs facing the tappet covers.



Everything To Light Up your Ride®