



Custom Dynamics® MagicFLEX2® Indian® LED Wheel Light Kit Installation Instructions

We thank you for purchasing the Custom Dynamics® MagicFLEX2® Indian® LED Wheel 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: M2WK1-IND

Package Contents:

- MagicFLEX2® 24 LED Light Strip (2)
- Adhesive Primer (1)
- 22 AWG Wire (6 feet)
- 4" Tie Wraps (10)
- Heat Shrink Tubing (4)
- MagicFlex® Mounting Stick (2)

Optional Items Sold Separately:

- Indian Engine LED Accent Light Kit (M2EK1-IND)
- War Bonnet LED Kit (CD-IND-WB)
- MagicFLEX® Install Kit (CD101)

Fits: Indian® Motorcycles With Wheel Fender Skirts.

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, secured and cool.

Important: Disconnect negative battery cable from battery; refer to owner's manual. Failure do to 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.

Front Wheel Instructions:

Important: The mounting sticks have 3M™ double sided tape on 3 sides. The widest side will mount to the fender and the LED light strip will mount at the bottom edge and face towards the ground. Ensure the LED light strip wire harness is toward the **REAR** of the bike before adhering the mounting stick to the fender.

1. Determine which will be the bottom edge of the mounting stick. Remove the protective cover from one of the MagicFLEX2® LED light strips and adhere to the downward facing edge of the mounting stick.
2. Repeat process for the other MagicFLEX2® LED light strip and mounting stick.
3. Remove fender. Refer to your service manual for fender removal instructions.

Tools Needed:

- Screwdriver (Philips)
- Wire Cutter/stripper
- 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.



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4. Cut the 22AWG wire in half so you have two 5' sections. Use these wires to extend the wire harness of the MagicFLEX2® LED strips.
5. Place one piece of provided heat shrink tubing over the red and black wires of the MagicFLEX2® LED strip. Using the provided 22 AWG wire, attach red wire to red wire and black wire to black wire by soldering or twisting the wires together. Slide the heat shrink for the Red wire over the connection and apply heat using a hair dryer or heat gun until heat shrink has shrunk around connection. Repeat process for the black wire.
6. Determine the desired location of the MagicFLEX2® LED light strips on both sides of the front fender.

Important: Make sure the wire harness of the LED lights are pointing toward the REAR of the bike before adhering to the fender.

7. Clean the determined location with alcohol, apply adhesive primer and allow to dry.
8. Remove the red protective tape from the wide side of the MagicFLEX® mounting stick and press into place on the left and right side of the fender.
9. Re-install the front fender. Refer to your service manual for fender installation instructions.
10. Route the wire harnesses with the brake line to the fairing and attach using the tie wraps included.
11. Continue routing the MagicFLEX2® LED light strip wire harnesses back to a central point 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.

Caution: Ensure the MagicFLEX2® wire harness is not touching the engine.

12. Secure wires to the frame using some of the tie wraps provided.

Note: If installing with Indian Engine Accent Light Kit (M2EK1-IND), stop here and follow the wiring instructions for that kit.

13. Connect the Black wire to the bike's ground or the ground terminal of the battery.
14. Connect the Red wire to a on/off switch that is connected to a fused connection to the positive side of the 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.

15. Secure any remaining wires with tie wraps.
16. Connect the negative (-) cable to the battery.
17. Turn on switch and check operation of all lights.

Rear Wheel Instructions:

Important: The mounting sticks have 3M™ double sided tape on 3 sides. The widest side will mount to the fender and the LED light strip will mount at the bottom edge and face towards the ground. Ensure the LED light strip wire harness is toward the **FRONT** of the bike before adhering the mounting stick to the fender.

1. Determine which will be the bottom edge of the mounting stick. Remove the protective cover from one of the MagicFLEX2® LED light strips and adhere to the downward facing edge of the mounting stick.
2. Repeat process for the other MagicFLEX2® LED light strip and mounting stick.
3. Cut the 22AWG wire in half so you have two 5' sections. Use these wires to extend the wire harness of the MagicFLEX2® LED strips.
4. Place one piece of provided heat shrink tubing over the red and black wires of the MagicFLEX2® LED strip. Using the provided 22 AWG wire, attach red wire to red wire and black wire to black wire by soldering or twisting the wires together. Slide the heat shrink for the Red wire over the connection and apply heat using a hair dryer or heat gun until heat shrink has shrunk around connection. Repeat process for the black wire.
5. Determine desired location for mounting the LED light strips. Test fit the lights before removing the protective cover off the 3M™ tape.

Note: The suggested location is just above the bottom inside of both left and right fender skirts. Start the LED light strip at the front of the skirt closest to the seat. Follow the edge of the skirt until the strip ends.

Important: Make sure the wire harness of the LED lights are pointing toward the FRONT of the bike before adhering to the fender.

6. After test fitting the LED light strips at desired location, Clean the location with alcohol, apply adhesive primer and allow to dry.
7. Remove the red protective tape from the wide side of the MagicFLEX® mounting stick and press into place on the left and right side of the fender.

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- Route the MagicFLEX2® LED light strip wire harnesses back to a central point near battery compartment under seat. Secure wires to the frame using some of the tie wraps provided.

Note: If installing with Indian Engine Accent Light Kit (M2EK1-IND), stop here and follow the wiring instructions for that kit.

- Connect the Black wire to the bike's ground or the ground terminal of the battery.
- Connect the Red wire to a on/off switch that is connected to a fused connection to the positive side of the 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.

- Secure any remaining wires with tie wraps.
- Reconnect the negative (-) cable to the battery.
- Turn on switch and check operation of all lights.

Wiring Diagram

