



## Custom Dynamics® Saddlebag Dual Color LED Latch Lightz™ Installation Instructions

We thank you for purchasing the Custom Dynamics® Saddlebag Dual Color LED Latch Lightz™. 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 Numbers:** CD-SBL-DC-RB CD-SBL-DC-RC  
CD-SBL-DC-SB CD-SBL-DC-RC  
CD-SBL-DC4-RB CD-SBL-DC4-RC  
CD-SBL-DC4-SB CD-SBL-DC4-SC

### Package Contents:

- Saddlebag Dual Color LED Latch Lightz™ w /Hinge Cover (2)
- BCM Y Harness Adapter w/ plugs (1)
- Quick Disconnect Harness (2)
- 4" Cable Ties (10)
- Cable Tie Holder (8)
- Foam Strips (2)
- Instructions (1)

**Fitment CD-SBL-DC:** 2014-2024 Harley-Davidson® Ultra Limited (FLHTK), 2014-2023 Street Glide (FLHX), Street Glide Special (FLHXS), 2015-2023 Road Glide (FLTRX), Road Glide Special (FLTRXS), 2017-2025 Road King Special (FLHRXS), 2014-2019 Ultra Classic (FLHTCU), Ultra Classic Lo (FLHTCUL), Ultra Limited Lo (FLHTKL), Road Glide Ultra (FLTRU), 2020-2024 Road Glide Limited (FLTRK), 2016 Road Glide Ultra CVO (FLTRUSE), 2022-2023 Road Glide Limited CVO (FLTRKSE) and 2016-2022 Limited CVO (FLHTKSE).

**Fitment CD-SBL-DC4:** 2014-2022 Harley-Davidson® Road King (FLHR), 2014 CVO™ Road King (FLHRSE), 2022-2023 Street Glide ST (FLHXST) & Road Glide ST (FLTRXST), 2015-2022 CVO™ Street Glide (FLHXSE), 2018-2022 CVO™ Road Glide (FLTRXSE), 2015 CVO™ Road Glide Ultra (FLTRUSE), 2014-2015 CVO™ Limited (FLHTKSE) and 2019-2022 Electra Glide Standard (FLHT).



Please read all Information below before Installation

**Warning:** 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 motorcycle.

**Safety First:** Always wear appropriate safety gear including safety glasses when performing any electrical work. It is highly recommended that safety glasses be worn throughout this installation process. Be sure motorcycle is on level surface, secure and cool.

**Important:** 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 motorcycle and should not be used for that purpose. This product must be wired so that it does not interfere with any original equipment lighting.

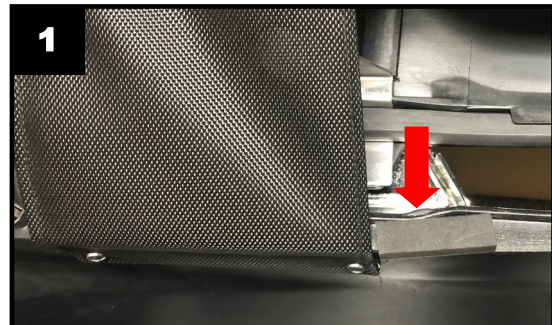
**Important:** Ambient install temperature must be 60 degrees F or higher. Allow 24 hours for tape to cure before washing or prolonged use of motorcycle.

**Note:** The Y Harness Adapter must be plugged into the output (behind) any Smart Signal Stabilizer™/load equalizer or any brake strobe modules.



### Installation:

1. Remove seat and disconnect the negative battery cable from the battery.
2. Locate and unplug the lighting connector to the rear fender.
3. Plug the supplied BCM Y Harness Adapter, in-line, into the rear lighting harness and into the motorcycles main wiring harness.
4. Open saddlebag lid and remove any personal items from the saddlebag.
5. With the saddlebag open, disconnect the check strap from the lid of the saddlebag. Save the hardware for reassembly. The saddlebag lid will need to remain fully open to the outside of the saddlebag. Take protective measures so the saddlebag and/or lid are not damaged during the rest of the installation.
6. Remove the hinge cover from the hinge and locking mechanism.
7. Install the Saddlebag Dual Color LED Latch Lightz™ in place of the OEM hinge cover on the saddlebag hinge.
8. Reinstall the check strap to the saddlebag lid.
9. Install the supplied Foam Strip on the top outside lip of the saddlebag as shown in **Figure 1**.

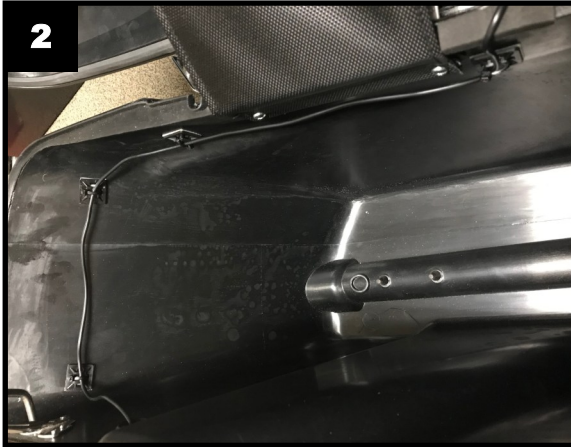


Questions? Email: [info@CustomDynamics.com](mailto:info@CustomDynamics.com) or Call us at: 1 (800) 382-1388 M-TH 8:30AM-5:30PM / FR 9:30AM-5:30PM EST

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### Installation Continued:

10. Route wire from Saddlebag Dual Color LED Latch Lightz™ over the Foam Pad and around to the front of the saddlebag towards the locking latch. Secure the wire to the inside of the saddlebag using the supplied Cable Ties and Cable Tie Holders as shown in **Figure 2**. Clean the mounting locations of the Cable Tie Holders with denatured alcohol before pressing into place.



11. Remove saddlebags from the motorcycle. Transfer the saddlebags to a protected work area to prevent scratches.
12. Using a grease pencil, mark desired drill point for the Saddlebag Latch Lightz™ wire to exit the saddlebag. It is recommended the drill hole is located approximately 1" below the saddlebag latch as shown in **Figure 3**. Apply masking tape to the outside of the saddlebag at the marked drill point.



13. Using a 9/16" drill bit, drill a hole through the marked drill hole on each saddlebag. Drill from the outside of the saddlebag to the inside then remove masking tape. It is recommended to start with a smaller drill bit and work up to a 9/16" drill bit.

14. Route wire from each Saddlebag Dual Color LED Latch Lightz™ through the 9/16" hole and out the backside of the saddlebag. Install the grommet in the 9/16" hole in the saddlebag.
15. Reinstall saddlebags and plug in the male JAE connectors from each Saddlebag Dual Color LED Latch Lightz™ to the female JAE connectors (black) of the Quick Disconnect Harness.
16. Plug the Quick Disconnect Harness into the BCM Y Harness Adapter.
17. Secure wires under the seat with supplied Cable Ties to secure wires from being cut, frayed or pinched.
18. Reinstall motorcycle seat and connect the negative battery cable to the battery.
19. Test the Custom Dynamics® Saddlebag Dual Color LED Latch Lightz™ for proper operation.

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## CD-SBL-DC: Brake Strobe Modification with MAGIC-STROBES-RSG.

This modification will allow the Dual Color Latch Lightz to strobe when used with a MAGIC-STROBES-RSG (sold separately).

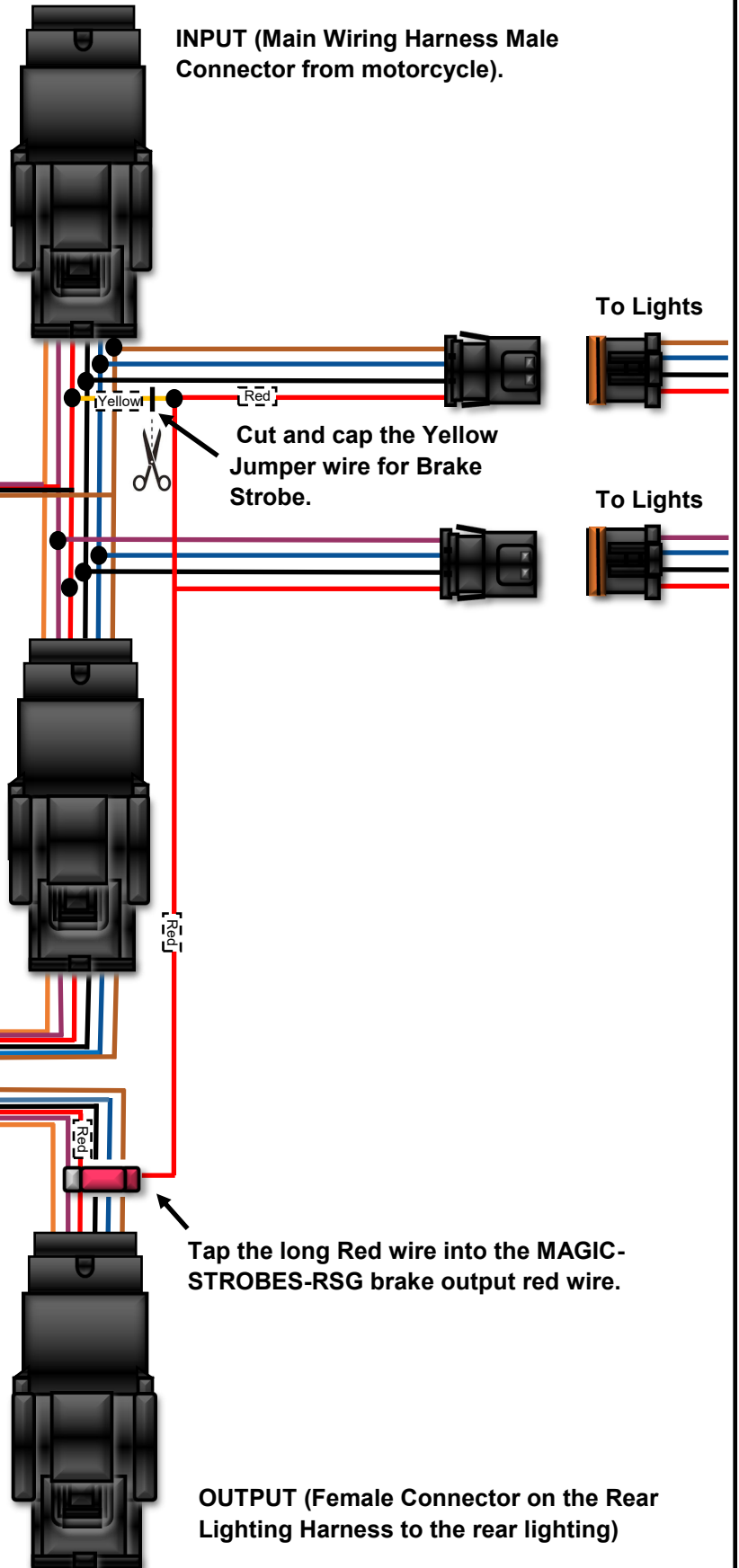
The YELLOW brake wire in the pigtailed of the BCM Y Harness adapter must be cut and the long red wire connected to the brake output wire of the MAGIC-STROBES-RSG module.



Turn Signal Decoder



MAGIC-STROBES-RSG



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### CD-SBL-DC4: Brake Strobe Modification with GEN-SMART-TPU-BCM

This modification will allow the Dual Color Latch Lightz to strobe when used with a GEN-SMART-TPU-BCM (**Sold Separately**).

The RED brake wire in the pigtails of the BCM Y Harness Adapter must be cut and connected to the brake output wire of the Triple Play BCM module.

### GEN-SMART-TPU-BCM

