



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-LATCH-DC-R CD-LATCH-DC-S

Package Contents:

- Saddle Bag LED Latch Lightz™ (2)
- BCM Y Harness Adapter w/ Plugs (1)
- Quick disconnect Harness (2)
- 4" Cable Ties (10)
- Cable Tie Holders (8)
- Foam Strip (2)
- Rubber Grommet (2)
- Drilling Template (1)
- JAE Connector (2)
- Instructions (1)

Fits: 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).

Installation:

1. Remove seat and disconnect negative battery cable from the battery.
2. Locate and unplug the lighting connector to the rear fender.
3. Plug the provided BCM Y Harness Adapter, in-line, into the rear lighting harness and into the bike's 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. With the hinge cover laying face down on a flat surface, place the hole templet on the back of the hinge cover and mark the hole location. Shown in **Figure 1**.
8. Carefully drill a 1/4" hole where you marked it in the previous step. Do not drill all the way through the reflector, you only want to drill through the hinge cover.
9. Use a small screwdriver and push the reflector out from the back side of the hinge cover where you drilled the hole. Shown in **Figure 2**.
10. With the reflector removed, enlarge the hole you drilled in step 8 to 3/8". Clean any debris and adhesive from the area where the reflector was removed. **Note: Make sure to test fit the Latch Lightz™ before sticking on latch to ensure it lays down flat for proper fitment.**
11. Wipe the reflector area down with denatured alcohol and let dry.



ATTENTION

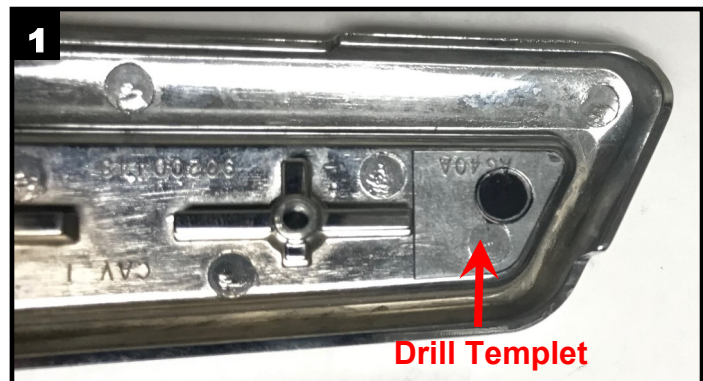
Please read all Information below before Installation

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.

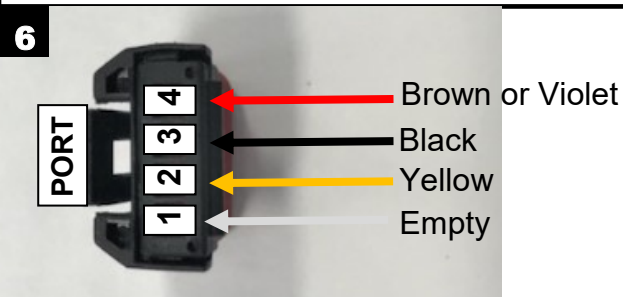
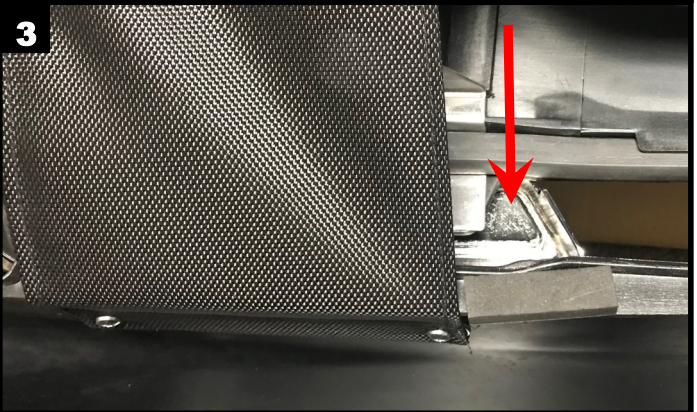


Questions? Email: info@CustomDynamics.com or Call us at: 1 (800) 382-1388 M-TH 8:30AM-5:30PM / FR 9:30AM-5:30PM EST

Installation Instructions - Page 2

Installation Continued:

12. Route wire from Latch Lightz™ through the hole you drilled in the hinge cover. Remove the protective red film from the back of the Latch Lightz™. Align the Latch Lightz™ in the reflector area and press into place.
13. Reinstall the hinge cover on the saddle bag hinge.
14. Install the provided foam strip on the top outside lip of the saddlebag as shown in **Figure 3**.
15. Route wire from Latch Lightz™ over the foam pad and around to the front of the saddle bag towards the locking latch. Secure the wire to the inside of the saddlebag using the supplied Cable Tie Holders and Cable Ties as shown in **Figure 4**. Apply adhesive primer to mounting location of the Cable Tie Holder before pressing into place.
16. Remove saddlebags from the motorcycle. Transfer the saddlebags to a protected work area to prevent scratches.
17. Using a grease pencil, mark desired drill point for the 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 5**. Apply masking tape to the outside of the saddlebag at the marked drill point.
18. 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.
19. Install the provided rubber grommet into the hole you drilled in the previous step.
20. Route wire from each Latch Lightz™ through the rubber grommets and out the backside of the saddlebag.
21. Install the provided JAE connectors onto the pre-pinned wires from each Latch Lightz™ by pushing the pins into the connector ports shown in **Figure 6**. Locking tab oriented at top of JAE connector:
 - Port 1 = Empty**
 - Port 2 = Yellow**
 - Port 3 = Black [-]**
 - Port 4 = Brown or Violet**
23. Pins should snap in place and not pull back out of connector when installed correctly.
24. Reinstall saddlebags and plug in the male JAE connectors from each Latch Lightz™ to the female JAE connectors (black) of the quick disconnect harness.
25. Plug the quick disconnect harness into the BCM Y Harness Adapter.
26. Secure wires under the seat with Cable Ties to secure wires from becoming cut, frayed, or pinched.
27. Reinstall motorcycle seat and test operation of all lighting before riding

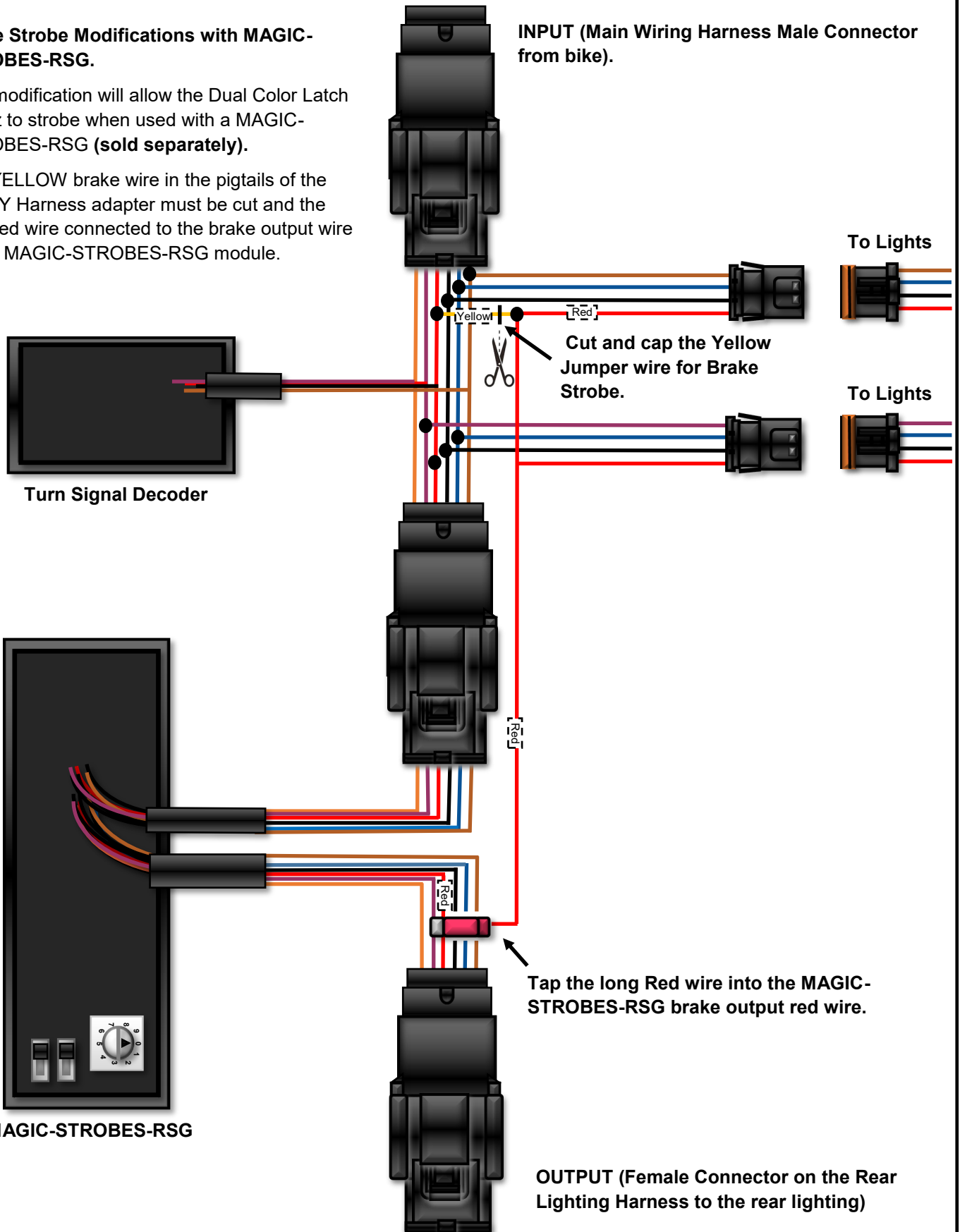


Installation Instructions - Page 3

Brake Strobe Modifications 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 pigtails 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.



Package Contents



BCM Y Harness Adapter



Quick Disconnect Harness



LED Latch Light



Foam Pads



Drill Templet



JAE Connectors



Cable Ties



Cable Tie Holders



Grommets



Quick Disconnect Harness



LED Latch Light