

# PROBEAM®

BY CUSTOM DYNAMICS®

## ProBEAM® Saddlebag LED Lights Installation Instructions

We thank you for purchasing the Custom Dynamics® ProBEAM® Saddlebag LED Lights. Our products utilize the latest technology and highest 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:** PB-SB-HD-BR PB-SB-HD-BS  
PB-SB-HD-CR PB-SB-HD-CS

US Patent: D875977, D876,691S  
China Patent: ZL201 930037082.0

**Package Contents:**

- ProBEAM® Saddlebag LED Lights (2)
- HD Y Harness Adapter w/ Plugs (1)
- 4" Cable Tie (10)
- Tie Wrap Holder (6)

**Fits:** 1997-2013 Harley-Davidson® Touring Models with OEM Hard Saddle Bags (**Except** 2010-2013 FLHX, 2010-2013 FLTRX, 2010-2012 FLHXSE2, 2012-2013 FLTRXSE, 2013 FLHRSE5, 2013 FXSBSE).



## ATTENTION

Please read all Information below before Installation

**Disclaimer:** Removal of our saddlebag lights after installation, may cause permanent damage to the finished surface area of the saddlebag.

**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 vehicle.

**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 vehicle 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 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.

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

**Note:** The Y Harness Adapter must be plugged into the input (in front) of any run/brake/turn module.



### Installation:

1. Test fit the ProBEAM® Saddlebag Lights on each bag. The light should mount a couple millimeters below the bottom edge of the lid when the lid is closed. Mark the location with a grease pencil.
2. Using denatured alcohol, clean the surface area that LEDs will adhere to and allow to dry.
3. Remove the red adhesive backing and install the lights on the left and right saddle bags. Press firmly into place.
4. Remove both bags from the bike.
5. Clean the surface area locations with denatured alcohol for the tie wrap holders and allow to dry. Remove paper backing from the cable tie holders and press into place (see picture below).
6. Route wires from bag lights to each cable tie holder and secure with tie wraps.
7. Remove seat from bike and remove left side panel. Locate rear wire harness in the upper right corner under left side panel.
8. Plug HD harness adapter into rear wiring harness.

**Note:** If installed, the order of modules should be Smart Signal Stabilizer™/load equalizer, brake strobe, **Y harness adapter** then run/brake/turn module.

9. Reinstall saddlebags on the bike.
10. Route saddlebag light wires to the Y harness adapter. (Secure with tie wraps)
11. Connect 3 pin plugs from bag lights to Y harness adapter. Female with purple wire plugs into male with purple wire and female with brown wire plugs into male with brown wire.
12. Secure wires with the included cable ties, make sure wiring will not come in contact with moving parts or in an area with high heat. Also take care that wires will not get pinched or frayed.
13. Loosen left side saddle bag enough to lean it slightly away from the bike to reinstall left side panel cover. Secure saddlebag to bike and reinstall seat.
14. Test operation of running, brake and turn signal lights.

**BAG™** come with plug and play weatherproof quick disconnect to make future removal of saddlebags quick and easy (see pictures below).

Quick Disconnect



Quick Disconnect



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