



Custom Dynamics® Luggage Rack / Upright Sissy Bar LED Light Bar Installation Instructions

We thank you for purchasing the Custom Dynamics® Luggage Rack / Upright Sissy Bar LED Light Bar! 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 Number: CD-LR-06-R CD-LR-06-S

Package Contents:

- LED Light Bar (1)
- Allen Head Bolt with Washer (2)
- Posi-Tap™ Connectors (3)
- Nylon Wire Guide (1)
- Wire Clips (6)
- Tie Wraps (3)

Fitment: Sportster, Dyna, and Softail models with H-D™ Air Foil Luggage Rack P/N 54290-11, 54291-11 and 2009-2021 Touring models with H-D™ Air Wing Sissy Bar Upright P/N 52300146 and 52300147.



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 vehicle.

Important: Motorcycle should be secured on a level surface for installation.

Important: This product is designed to be used specifically with the Harley-Davidson® brand Air Foil Luggage Rack P/N 54290-11, 54291-11 and 2009-2020 Touring models with H-D™ Air Wing Sissy Bar Upright P/N 52300146 and 52300147.



Installation:

1. Remove motorcycle seat and disconnect the negative battery cable from the battery. Consult your owners manual if unsure of this process.
2. Remove the luggage rack or sissy bar upright from the motorcycle. Place the luggage rack or sissy bar upright face down on a clean scratch free surface.
3. Remove the 2 screws securing the existing light filler panel or light.
4. On Softail, Dyna, and Sportster models you will need to remove the black plastic plug on the bottom of the left rail.
5. Insert loop end of the provided Nylon Wire Guide through the lower hole in the left rail and out through the upper rear hole. Allow the straight end to remain outside the lower hole.
6. Cut the wire pins off and loop approximately 2" of the LED Light Bar wires through the closed end of the guide wire. Fold wires to secure around the guide wire to enable threading the wires through the rail tubing. See Figure 3.
7. Carefully pull the straight end of the guide wire to draw the LED Light Bar wires through the rail and out the lower hole. Detach the LED Assembly wires from the guide wire after the wires have been pulled through the lower hole.
8. Install the LED Light Bar on the luggage rack or upright sissy bar with the two mounting bolts provided.
9. Re-install the luggage rack or sissy bar on the motorcycle.

Questions? 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. Locate the factory rear lighting wiring harness under the seat.
 11. Using the provided Posi-Tap™ connectors, connected the Red, Yellow, and Black wires from the LED Light Bar to the motorcycle's rear lighting circuits. Refer to wiring diagram.
- Note: If installing this product with a Magic Strobes™ Brake Light Flasher, the LED Light Bar connections should be connected down stream of the Magic Strobes™ module to enable brake flashing on the LED Light Bar.
12. Use provided wire clips and tie wraps to secure the LED Light Bar wires from becoming cut, frayed, or pinched.
 13. Reconnect the negative battery cable to the negative of the battery.
 14. Install motorcycle seat.
 15. Test operation of all lighting before riding.

Wiring Diagram

