



## Custom Dynamics® Saddlebag Rail LED Light Bar Installation Instructions

We thank you for purchasing the Custom Dynamics® Saddlebag Rail 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-07-R CD-LR-07-S

### Package Contents:

- Saddlebag Rail LED Light Bars (2)
- Saddlebag Rail Adapter Harness (1)
- Saddlebag Rail Disconnect Harness (1)
- Allen Head Bolt with Washer (4)
- Male JAE Connector (2)
- Wire Clips (12)
- Cable Ties (6)
- Grommet (2)
- Instructions (1)

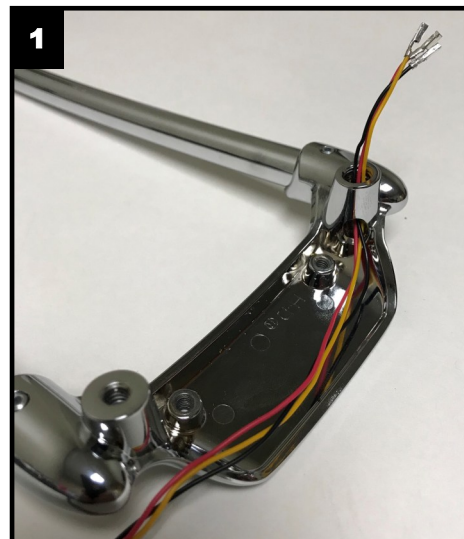
**Fitment:** 2014-2024 Harley-Davidson® Ultra Limited (FLHTK), 2014-2023 Street Glide (FLHX), Street Glide Special (FLHXS), 2015-2023 Road Glide (FLTRX), Road Glide Special (FLTRXS), 2017-2025 Road King Special (FLHRXS), 2014-2022 Road King (FLHR), 2022-2023 Street Glide ST (FLHXST), Road Glide ST (FLTRXST) & CVO™ Road Glide Limited (FLTRKSE), 2020-2024 Road Glide Limited (FLTRK), 2015-2022 CVO™ Street Glide (FLHXSE), 2018-2022 CVO™ Road Glide (FLTRXSE), 2019-2022 Electra Glide Standard (FLHT), 2014-2019 Electra Glide Ultra Classic (FLHTCU), 2015-2016 Ultra Classic Lo (FLHTCUL) & CVO™ Road Glide Ultra (FLTRUSE), 2016-2019 Road Glide Ultra (FLTRU), 2015-2018 Ultra Limited Lo (FLHTKL), 2014-2021 CVO™ Limited (FLHTKSE) and 2014 CVO™ Road King (FLHRSE).

**Requires Harley-Davidson® Air Wing Saddlebag Rails (P/N 90200792 or 90200793)**



### Installation:

1. Remove motorcycle seat and disconnect the negative battery cable from the battery.
2. Remove all the contents from both saddlebags.
3. Remove both saddlebags from motorcycle and move them to a clean work surface to prevent scratches or damage to the saddlebags.
4. On the bottom side of both saddlebag lids, remove the 4 mounting bolts from the saddle bag rail.
5. With the saddlebag rails removed from the saddlebag lid, insert the wire from the saddlebag rail LED light through the mounting post as shown in **Figure 1**.



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.

**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 Wing Saddlebag Rail (P/N 90200792 or 90200793).

**Note:** Do NOT use thread locker such as Loc-Tite™ with this product. It will weaken the plastic at the screw holes causing cracks and will void the warranty.

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:

6. Install the Saddlebag Rail LED Light Bar to the bottom side of the saddlebag rail rear cross bar with the 2 supplied screws. Shown in **Figure 2**.
7. Route the wire of Saddlebag Rail LED Light Bar through the left rear mounting hole in the saddlebag lid. Reinstall the saddlebag rail on the saddlebag lid.
8. On both saddlebags, use a grease pencil to mark a desired drill point in front of the shock absorber bulge. It is recommended the drill hole is located approximately 2" below the top of the saddlebag. Apply masking tape to the outside of the saddlebag at the marked drill point from.
9. Using a 3/16 drill bit, drill a pilot hole through the marked drill hole on each saddlebag. Drill from the outside of the saddlebag to the inside then enlarge the using a 9/16 drill bit.
10. Remove the masking tape. Remove any burrs and any drilling debris from the saddlebag.
11. Install one of the grommets in each saddlebag hole and route the Saddlebag Rail LED Light Bar wires through the grommet and reinstall the saddlebags on the motorcycle.
12. Secure the wire of the Saddlebag Rail LED Light Bar to the inside of the saddlebag and out through the grommet using the supplied Wire Clips. Shown in **Figure 3**.
13. Plug in the supplied Saddlebag Rail Adapter Harness to the rear lighting wiring harness. **Note: If installing this product with a Magic Strobes™ Brake Light Flasher, the provided Adapter Harness should be plugged in down stream of the Magic Strobes™ module to enable brake flashing on the Saddlebag Rail LED Light Bars.**
14. Route the wires with the female JAE connector from the Saddlebag Rail Adapter Harness to the Saddlebag Rail LED Light Bar wires coming out of the saddlebag.
15. Align the supplied Male JAE Connectors with the female plugs of the Saddlebag Adapter Harness. **(Do not plug in completely).**
16. Match up color of the pre-pinned wires from the LED assembly with the matching color wires from the female JAE connector of the Saddlebag Adapter Harness. Insert each pinned wire into the corresponding Male JAE Connector port. Pins should snap in place and not pull back out of male connector when installed correctly. Pins will only snap into the connector one way, try rotating the pin 180 degrees if pins will not snap into place.
17. Use supplied Cable Ties to secure wires from being cut, frayed, or pinched.
18. Reconnect the negative battery cable to the battery.
19. Install motorcycle seat.
20. Test Custom Dynamics® Saddlebag Rail LED Light Bars for proper operation.

