



## Custom Dynamics® Illuminated CVO License Plate Frame Installation Instructions

We thank you for purchasing the Custom Dynamics® Illuminated CVO License Plate Frame. 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:** LPF-RAD-23CVO-B  
LPF-RAD-23CVO-C

### Package Contents:

- Illuminated CVO Plate Frame (1)
- Mounting Bolts (4)
- 2.5mm hex key (1)
- Threaded Bolt Plate (2)

**Fits:** Compatible with CD-CVO-MOUNT-B or CD-CVO-MOUNT-C (sold separately) on 2023-2024 Harley Davidson® CVO Street Glide (FLHXSE), CVO Road Glide (FLTRXSE), 2024 Street Glide (FLHX), Road Glide (FLTRX), and CVO Road Glide ST (FLTRXSTSE)

Fits standard 4" x 7" motorcycle license plates.



### Installation:

1. If the CD-CVO-MOUNT (Sold Separately) is already installed on the motorcycle, it must be removed for the Illuminated CVO Plate to be installed.
2. If installed, Remove the license plate from the OEM plate frame mount.
3. Locate the license plate illumination connector cover located on the underside of the rear fender. Refer to Photo 1.

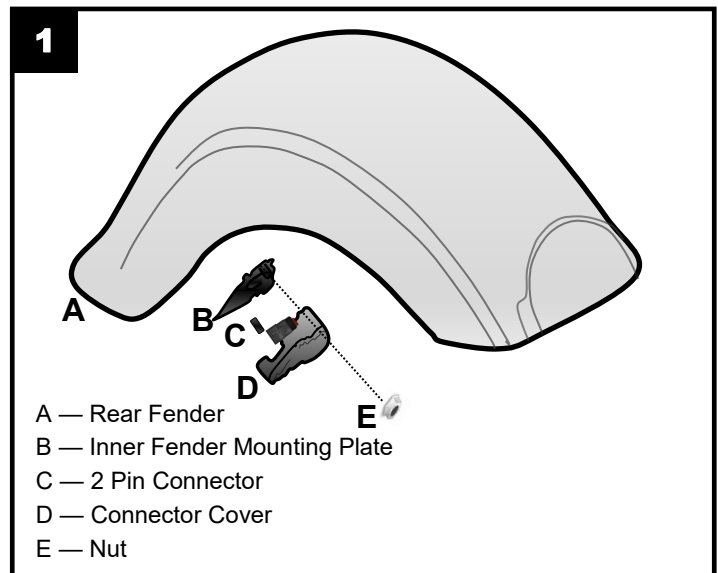


# ATTENTION

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.

**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.



- A — Rear Fender
- B — Inner Fender Mounting Plate
- C — 2 Pin Connector
- D — Connector Cover
- E — Nut

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:

4. Remove the nut securing the connector cover to the fender. With the nut removed, pull the cover off of the stud and slide the cover up to remove. Refer to Photo 1 on Page 1.
5. Locate and disconnect the 2-pin JAE connector for the license plate illumination connector from the existing tag light.
6. If installed, Remove the OEM plate frame mount from the fender by removing the two mounting bolts. Refer to Photo 2.
7. Feed the wiring harness of the plate frame through the hole in the CD-CVO-MOUNT (Sold Separately). When installed, the wiring harness should lay in the recessed area of the plate mount. Refer to Photo 3.
8. Loosely install the top 2 plate frame mounting bolts to hold the plate in place while mounting the CD-CVO-MOUNT (Sold Separately) to the rear fender.
9. Install the rubber gaskets on the back of the CD-CVO-MOUNT (Sold Separately).
10. Lay the CD-CVO-MOUNT (Sold Separately), with the rubber gasket installed, onto the fender. The 2-pin JAE connector from the plate frame will need to be fed through the hole in the fender. Align the mounting holes on the CVO Mounting plate with the holes in the fender.
11. Using the 2 provided mounting bolts that came with the CD-CVO-MOUNT (Sold Separately), secure the CD-CVO-MOUNT (Sold Separately) to the rear fender.
12. Connect the 2-pin connector from the plate frame to the license plate illumination connector on the under side of the fender.
13. Reinstall the connector cover on under side of the rear fender using the existing nut.
14. Gently radius your license plate to match the radius of the CVO Mounting Plate. The license plate may need to be cut or notched to allow the wiring from the plate frame to pass through the license plate.
15. Using the provided bolts and threaded bolt plates, mount your license plate and plate frame to the CD-CVO-MOUNT (Sold Separately). Take precaution not to pinch the plate frame harness.
16. Test all lighting for proper operation.

