

Custom Dynamics® Low Profile Saddlebag LED Lights Installation Instructions



Part Numbers

CD-LP-23-R, CD-LP-23-S, CD-LPDC-23-S

Package Contents

Saddlebag LED Lights w/ Quick Disconnect Harness (2)
23 CVO Bag MPR Harness (1)
4" Cable Ties (10)
Cable Tie Holders (6)
Magnet (1)
Instructions (1)



Fitment

2023-2025 Harley-Davidson® CVO Street Glide (FLHXSE), CVO Road Glide (FLTRXSE), 2025 Street Glide Ultra (FLHXU), 2024-2025 Street Glide (FLHX), Road Glide (FLTRX) and CVO Road Glide ST (FLTRXSTSE).

Suggested Tools

Safety Glasses
Side Cutters
Denatured Alcohol (Optional)
Adhesive Promoter (Optional)

Installation

[Click Link for Install Video](#)

[Click Here](#)

Warning

Rider and passenger safety depend upon the correct installation of this kit. Use the appropriate service manual procedures. If the procedure is not within your capabilities or you do not have the correct tools, have a qualified technician perform the installation. Improper installation of this kit could result in death or serious injury.

1. Remove all necessary parts to disconnect the negative battery cable from the battery.
2. Locate the 12-pin connector going to the rear fender lighting. Unplug and install the 23 CVO Bag MPR Harness in-line with the rear fender lighting. Shown in **Figures 1 & 2**.

Note

The order of installation will be the motorcycle BCM main wiring harness, brake strobe module (if installed), 23 CVO Bag MPR Harness, run/brake/turn module (if installed) and then the motorcycles rear lighting harness.

3. Test fit the Saddlebag LED Lights as shown in **Figures 3 & 4**. The Saddlebag LED Light with the violet wire in the harness will mount on the left saddlebag. The Saddlebag LED Light with the brown wire in the harness will mount on the right saddlebag. The Saddlebag LED Lights should be mounted a couple millimeters below the bottom edge of the saddlebag lid when the lid is closed.
4. Remove both saddlebags from the motorcycle to install the Saddlebag LED Lights.
5. Clean the area for placement of the Saddlebag LED Lights with denatured alcohol, allow 1-2 minutes to dry.

Questions? Email: Info@CustomDynamics.com or Call us at: 1(919)554-0949 M-TH 8:30AM-5:30PM, F 9:30AM-5:30PM EST

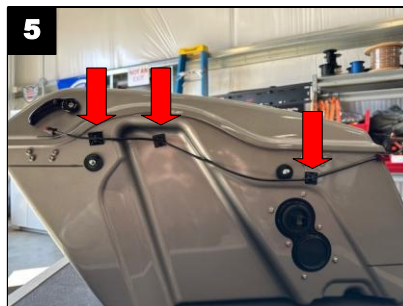
Installation Instructions Continued - 2

- Remove the protective red film from the back and install the Saddlebag LED Lights onto the saddlebags and press into place.

Notice

DO NOT apply too much pressure in the center of the Saddlebag LED Light. This can cause the lens to crack and WILL NOT be covered under warranty.

- Select location for the supplied Cable Tie Holders. Clean area with denatured alcohol, allow 1-2 minutes to dry. Remove paper backing on the Cable Tie Holders and press into place. Shown in **Figure 5**.
- Route wires from the Saddlebag LED Lights to each Cable Tie Holder location and secure with supplied Cable Ties to prevent wires from becoming cut, frayed or pinched.



- Reinstall the saddlebags. Connect the black 4-pin JAE connector from the Saddlebag LED Lights to the 23CVO Bag MPR Harness. Violet wire is the left side and the brown wire is the right side.
- Secure the wires with the supplied Cable Ties to prevent wires from being cut, frayed or pinched.
- Reconnect the negative battery cable to the battery and reinstall all necessary parts.
- Test the new Custom Dynamics® Low Profile Saddlebag LED Lights for proper operation.

Note

Programming signal functionality are as follows: To select the turn signal configuration, place magnet at/near the position shown in Figure 6 within 20 seconds of key on/power on. Once the 23 CVO Saddlebag Lights sense the magnet, it will change and display the next turn signal configuration. See order of configurations below. To cycle to the next turn signal configuration, move the magnet away from the position in **Figure 6** and bring it back to the previous position within 10 seconds. If the magnet is continuously held at/near the position in Figure 6 the 23 CVO Saddlebag Lights will display or demonstrate the current turn signal configuration. If the magnet is removed for longer than 10 seconds, the turn signal configuration will be saved. Choose between three turn signal function modes. **1) Sequencing ON:** The turn signals LED's turn ON in sequence from inward to outward. **2) Sequence OFF:** The turn signals LED's all turn ON initially, then sequence OFF from inward to outward. **3) Standard flash.**

