



Custom Dynamics® LED Fork Reflectors Installation Instructions

We thank you for purchasing the Custom Dynamics® LED Fork Reflectors. 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: CD-FORK-BCM-AB CD-FORK-BCM-AC
CD-FORK-BCM-SB CD-FORK-BCM-SC

Package Contents:

- LED Fork Reflectors (2)
- BCM Adapter Harness (2)
- Cable Ties (10)
- Instructions (1)

Fitment: 2014-2024 Harley-Davidson® Ultra Limited (FLHTK), 2014-2025 Street Glide (FLHX), 2025 Street Glide Ultra (FLHXU), 2014-2023 Street Glide Special (FLHXS), 2015-2025 Road Glide (FLTRX), 2015-2023 Road Glide Special (FLTRXS), 2022-2023 Street Glide ST (FLHXST) and Road Glide ST (FLTRXST), 2022-2024 CVO Road Glide Limited (FLTRKSE), 2020-2024 Road Glide Limited (FLTRK), 2015-2025 CVO Street Glide (FLHXSE), 2018-2025 CVO Road Glide (FLTRXSE), 2024-2025 CVO Road Glide ST (FLTRXSTSE), 2019-2022 Electra Glide Standard (FLHT), 2014-2019 Electra Glide Ultra Classic (FLHTCU), 2015-2016 Ultra Classic Lo (FLHTCUL) and CVO Road Glide Ultra (FLTRUSE), 2016-2019 Road Glide Ultra (FLTRU), 2015-2018 Ultra Limited Lo (FLHTKL), 2014-2021 CVO Limited (FLHTKSE), 2014-2025 Tri Glide Ultra (FLHTCUTG), 2020-2022 CVO Tri Glide (FLHTCUTGSE) and 2023-2025 Road Glide 3 (FLTRT).

Note: MPR-23-FTS (sold separately) required for installation on 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). One adapter per motorcycle.



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.

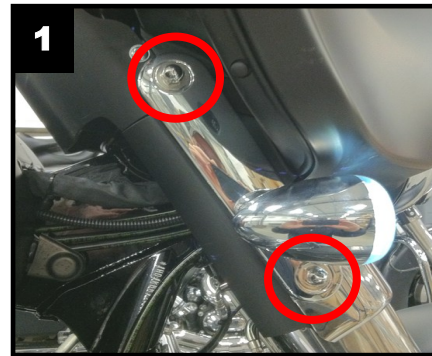
Safety First: Always wear appropriate safety gear including safety glasses when performing any electrical work. It is highly recommended that safety glasses be worn throughout this installation process. Be sure motorcycle is on level surface, secure and cool.

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 motorcycle and should not be used for that purpose. This product must be wired so that it does not interfere with any original equipment lighting.

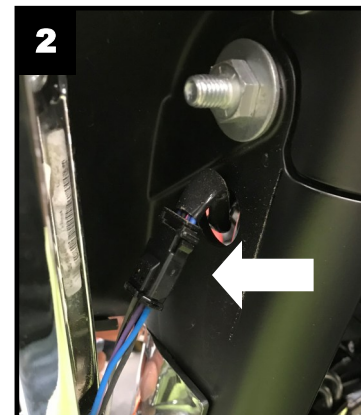


Batwing Installation:

1. Remove all necessary parts to disconnect the negative battery cable from the battery.
2. Remove the two 1/2" nuts that secure the turn signal assembly to the fork. Shown in **Figure 1**.



3. Pull assembly away from the fork to gain access to the black JAE wiring connector as shown in **Figure 2**.

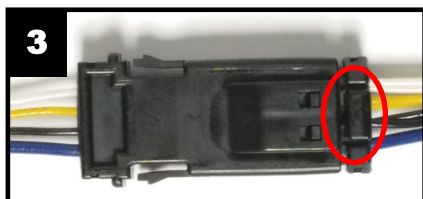


Questions? Email: Info@Customdynamics.com or Call us at: 1 (800) 382-1388 M-TH 8:30AM-5:30PM / FR 9:30AM-5:30PM EST

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Batwing Installation Continued:

4. Unplug the connector by pushing in on the tab located on the male side of the connection, and push the tab to disconnect. Shown in **Figure 3**.



5. Repeat steps 1 and 2 on the opposing side turn signal assembly.
6. Pull the turn signal harness back through the hole in the forks.
7. Using the supplied BCM Adapter Harnesses, identify the black male and female 4 pin JAE connectors with the blue wire running between them. Plug the black male JAE connector, with the blue wire, into the female connector of the turn signal main wiring harness.
8. Route the black female 4 pin JAE connector, with the blue wire of the BCM Adapter Harness around the front side of the fork leg and through the hole in the front fork going out to the turn signal bracket.
9. Plug the black 4 pin female JAE connector, with the blue wire from the BCM Adapter Harness into the turn signal harness, then reinstall the turn signal bracket onto the front fork and secure with the original nuts. Repeat for the other side.
10. Remove the OEM fork reflector from the lower fork leg. Clean the reflector area removing any debris or tape from the OEM fork reflector.
11. Wipe the reflector area down with denatured alcohol and let dry.
12. Remove the protective red film from the back of the LED Fork Reflectors. Align the LED Fork Reflectors in the reflector area and press into place. The LED Fork Reflector should be mounted in the same location as the OEM reflector with the wire exiting the top, rear side of the light. **Warning: Mounting the LED Fork Reflectors higher than 3.5 inches from the bottom of the fork leg will cause damage to light and will not be covered under warranty.**
13. Route the wiring harness from each LED Fork Reflectors to the associated side BCM Adapter Harnesses and connect to the Female JAE Connector.
14. Using the supplied Cable Ties, secure the LED Fork Reflectors wiring harnesses to prevent the wires from being cut, frayed or pinched.
15. Reconnect the negative battery cable to the battery and reinstall all necessary parts.
16. Test the Custom Dynamics® LED Fork Reflectors for proper operation.

Road Glide® Installation:

1. Remove all necessary parts to disconnect the negative battery cable from the battery.
2. Remove the 4 windshield screws and remove the windshield. Shown in **Figure 4**.



3. Remove the fairing vent by lifting straight up on the vent to remove it from the securing clips. Shown in **Figure 5**.



4. Locate both left and right turn signal connectors and disconnect. Shown in **Figure 6**.



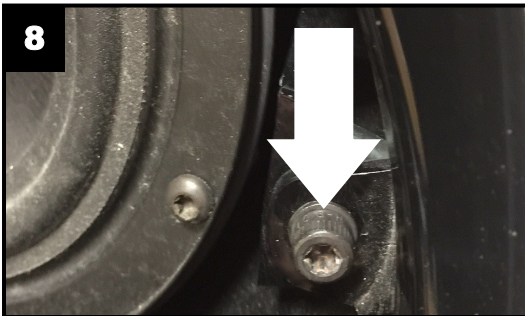
5. Remove the 3/16" Allen Head bolts from the outside of each turn signal housing. Shown in **Figure 7 on Page 3**.

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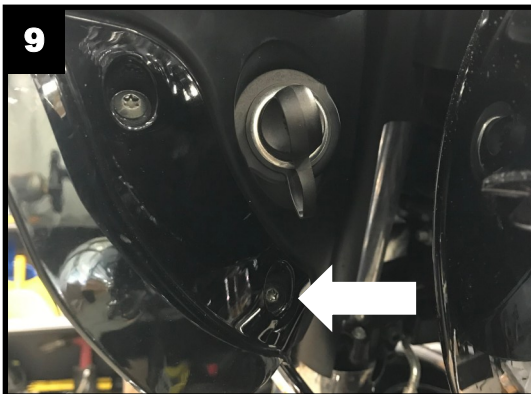
Road Glide® Installation Continued:



6. Remove the left and right speaker grilles on the inner fairing by lifting up and releasing them from the securing clips.
7. Locate and remove the T-30 Torx bolts on each corner of the speaker housing. Shown in Figure 8.



8. Locate and remove the lower T-25 Torx screws on each side of the inner fairing lower wind deflectors. Shown in Figure 9.

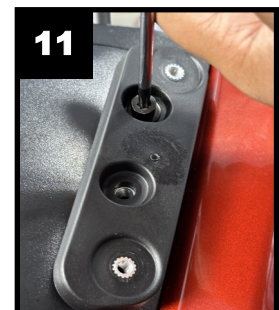


9. Remove the outer fairing from the motorcycle and set aside in a safe place.
10. Using the supplied BCM Adapter Harness Identify the black male and female 4 pin JAE connectors with the blue wire running between them. Plug the black male JAE connector, with the blue wire, into the female connector of the turn signal main wiring harness.

11. Leave the black female 4 pin JAE connector, with the blue wire, of the BCM Adapter harness disconnected until the fairing is reinstalled. Repeat for the other side.
12. Remove the OEM fork reflector from the lower fork leg. Clean the reflector area removing any debris or tape from the OEM Reflector.
13. Wipe the reflector area down with denatured alcohol and let dry.
14. Remove the protective red film from the back of the LED Fork Reflectors. Align the LED Fork Reflectors in the reflector area and press into place. The LED Fork Reflector should be mounted in the same location as the OEM reflector with the wire exiting the top, rear side of the light.
Warning: Mounting the LED Fork Reflectors higher than 3.5 inches from the bottom of the fork leg will cause damage to light and will not be covered under warranty.
15. Route the wiring harness from each LED Fork Reflectors to the associated side BCM Adapter Harnesses in the fairing and connect to the Female JAE Connector.
16. Using the supplied Cable Ties, secure the LED Fork Reflectors wiring harnesses to prevent the wires from being cut, frayed or pinched.
17. Reinstall the fairing and windshield in the reverse order that it was removed
18. Reconnect the negative battery cable to the battery and reinstall the seat.
19. Test the Custom Dynamics® LED Fork Reflectors for proper operation.

23.5 + Street Glide Installation:

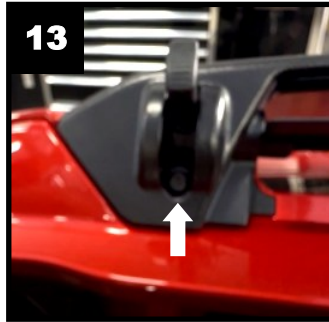
1. Remove all necessary parts to disconnect the negative battery cable from the battery.
2. Remove 4 windshield screws to remove the windshield. Place in a safe area to prevent damage.
3. Remove 4 Vent cover screws to remove the vent. Shown in **Figure 10 & 11**. Pull up to release the 2 body clips holding it on.



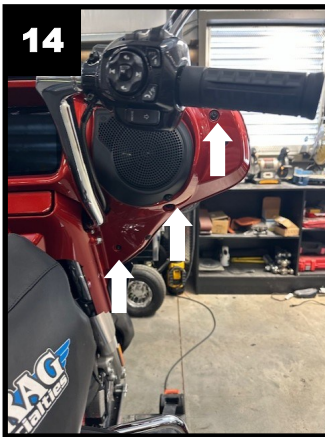
4. Remove 2 screws at each corner of vent area and 1 screw in front at the vent lever. Shown in **Figure 12 & 13 on Page 4**.

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23.5 + Street Glide Installation Continued:

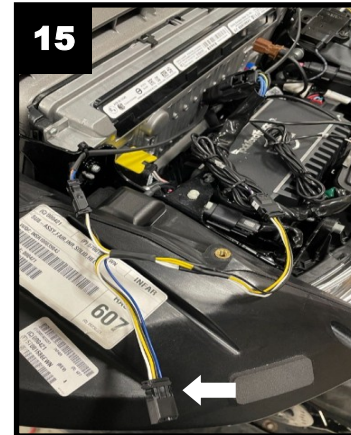


5. Remove 6 screws on the inner fairing. Shown in **Figure 14**.



6. Disconnect the OEM headlight connector by the left side of frame neck and remove outer fairing and set aside in a safe place.
7. Install the MPR-23-FTS Harness (**sold separately**) by connecting inline on the headlight connector.
8. Using the supplied BCM Adapter Harnesses, identify the black male and female 4-pin JAE connectors with the blue wire running between them. Plug the black male JAE connector, with the blue wire, into the female connector of the MPR-23-FTS Harness (**sold separately**).
9. Remove the OEM fork reflector from the lower fork leg. Clean the reflector area removing any debris or tape from the fork leg.
10. Wipe the reflector area down with denatured alcohol and let dry.
11. Remove the protective red film from the back of the LED Fork Reflectors. Align the LED Fork Reflectors in the reflector area and press into place. The LED Fork Reflector should be mounted in the same location as the OEM reflector with the wire exiting the top, rear side of the light.
12. Route the LED Fork Reflector wiring up into the fairing. Use supplied Cable Ties to secure wiring from being cut, frayed or pinched.

13. Connect the LED Fork Reflector to the pigtails of the MPR-23-FTS Harness (**sold separately**). The violet wire pigtail is the left hand turn signal, the brown wire pigtail is for the right hand turn signal. **Note: After installation there will be an open 4-pin JAE connector. Connect existing Custom Dynamics® accessories to the open connection if applicable. Shown in Figure 15.**



14. Secure all wiring using supplied Cable Ties.
15. Reinstall outer fairing and all other parts removed in reverse order.
16. Reconnect the negative battery cable to the battery and all necessary parts.
17. Test the Custom Dynamics® LED Fork Reflectors for proper operation.

23.5 + Road Glide® Installation:

1. Remove all necessary parts to disconnect the negative battery cable from the battery.
2. Remove 4 screws and runner seals to remove the windshield. Shown in **Figure 16**.



3. Remove the 3 screws and remove the windshield blocks on both sides of the motorcycle. Shown in **Figure 17 on Page 5**.

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23.5 + Road Glide® Installation Continued:



4. Remove center vent face cover that is held in place by retaining clips by gently prying and pulling vent cover straight out and away from motorcycle.
5. Remove vent cover by lifting up and out and do not lose the rubber windshield posts. Shown in **Figure 18**.



6. Remove outer fairing by removing the speaker grills that are held into place with retaining clips, pry up at the inner edge and pull away from motorcycle. Remove the 2 screws in speakers area and the 2 screws down at the fairing wind deflectors and remove the final 4 screws at the top of the fairing and remove fairing gently.
7. Remove headlight by removing 6 screws and pull headlight away from motorcycle and unplug the headlight connector.
8. Install the MPR-23-FTS Harness (**sold separately**) by connecting inline on the headlight connector.
9. Using the supplied BCM Adapter Harnesses, identify the black male and female 4-pin JAE connectors with the blue wire running between them. Plug the black male JAE connector, with the blue wire, into the female connector of the MPR-23-FTS Harness (**sold separately**).
10. Remove the OEM fork reflector from the lower fork leg. Clean the reflector area removing any debris or tape from the fork leg.
11. Wipe the reflector area down with denatured alcohol and let dry.
12. Remove the protective red film from the back of the LED Fork Reflectors. Align the LED Fork Reflectors in the reflector area and press into place. The LED Fork Reflector should be mounted in the same location as the OEM reflector with the wire exiting the top, rear side of the light.

13. Route the LED Fork Reflector wiring up into the fairing. Use supplied Cable Ties to secure wiring from being cut, frayed or pinched.
14. Connect the LED Fork Reflector to the pigtails of the MPR-23-FTS Harness (**sold separately**). The violet wire pigtail is the left hand turn signal, the brown wire pigtail is for the right hand turn signal. **Note: After installation there will be an open 4-pin JAE connector. Connect existing Custom Dynamics® accessories to the open connection if applicable. Shown in Figure 15 on Page 4.**
15. Secure all wiring using supplied Cable Ties.
16. Reinstall outer fairing and all other parts removed in reverse order.
17. Reconnect the negative battery cable to the battery and all necessary parts.
18. Test the Custom Dynamics® LED Fork Reflectors for proper operation.