

Custom Dynamics® 7" ProGLOW™ LED Headlight Installation Instructions



We thank you for purchasing the Custom Dynamics® 7" ProGLOW™ LED Headlight. 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: PG-7-14-B PG-7-14-C

Package Contents:

- 7" ProGLOW™ LED Headlamp (1)
- H4-TOUR-ADAPTER (1)
- Instructions (1)



Fits: 2014-2024 Harley-Davidson® Ultra Limited (FLHTK), 2014-2025 Tri Glide Ultra (FLHTCUTG), 2014-2023 Street Glide (FLHX), Street Glide Special (FLHXS), 2015-2025 Freewheeler (FLRT), 2017-2025 Road King Special (FLHRXS), 2014-2022 Road King (FLHR), 2022-2023 Street Glide ST (FLHXST), 2015-2022 CVO™ Street Glide (FLHXSE), 2019-2022 Electra Glide Standard (FLHT) & CVO™ Tri Glide (FLHTCUTGSE), 2014-2019 Electra Glide Ultra Classic (FLHTCU), 2015-2016 Ultra Classic Lo (FLHTCUL), 2015-2018 Ultra Limited Lo (FLHTKL), 2014-2021 CVO™ Limited (FLHTKSE), 2014 CVO™ Road King (FLHRSE) and 1984-2017 FL Softail models with OEM 7" headlight buckets.

1. 2014-2022 Harley-Davidson® Road King (FLHR), 2017-2020 Road King Special (FLHRXS) and 2020-2025 Freewheeler (FLRT) require wiring adapter 2001-1264 (**sold separately**).
2. Requires ProGLOW™ Bluetooth controller PN: 2050-0440 (**sold separately**).



ATTENTION

Please read all Information below before Installation

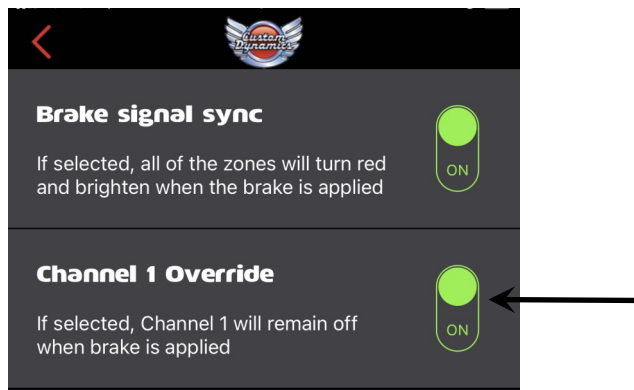
Important: Due to the increased light output from this unit, it is recommended you take the motorcycle to a dealer to have the headlamp properly adjusted. Weight and tire pressure can affect the position of the light.

Warning: To prevent possible electrical shock, disconnect the negative battery terminal before installing this product.

Fairing Installation:

1. Disconnect the negative battery cable from the battery.
2. Review detailed service manual for instructions on replacing OEM headlight.
3. Remove the OEM headlight trim ring, retaining ring and headlight only.
4. Connect the 7" LED headlight to the existing OEM H4 plug.
Note: 2014-Current Street Glide, Electra Glide, Ultra and Tri Glide models (Including CVO™), 2014 Road King CVO™ and 2021-2025 Road King Special will need to use the included H4-TOUR-ADAPTER. If your headlights electrical harness connector does not match the flat 4 pin connector of the H4-TOUR-ADAPTER, follow your motorcycles harness back into the fairing until you find your motorcycles flat 4 pin connector.
5. Install the headlight, retaining ring, and trim ring. Make sure no wire or any components of the harnesses can be pinched during installation and that they will not be exposed.
6. Connect the ProGLOW™ wiring harness to Channel 1 of the ProGLOW™ Bluetooth Controller. **Note: If the Brake Signal Sync is turned on in the App, The Channel 1 Override will need to be turned ON. Shown in Figure 1.**
7. Reconnect the negative battery cable to the battery .
8. Test the Custom Dynamics® ProGLOW™ 7" LED Headlight for proper operation and aim the headlight.
9. If the Brake Signal Sync is turned on in the App, test the Brake Sync Channel 1 Override to ensure the Headlight halo does not turn Red when the Brake is applied.

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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

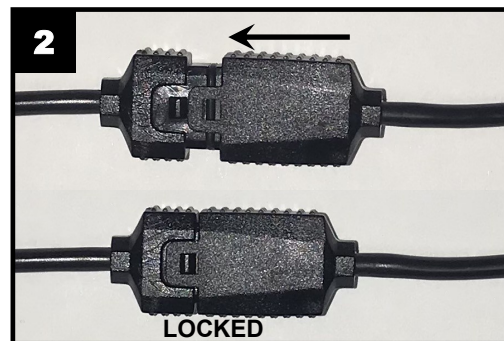
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Non-Fairing Installation:

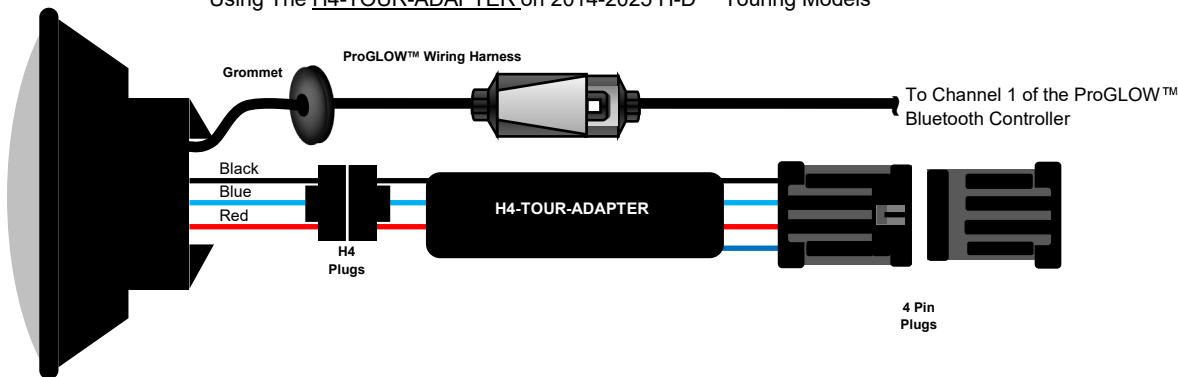
1. Disconnect the negative battery cable from the battery.
2. Review detailed service manual for instructions on replacing OEM headlight.
3. Remove the OEM headlight trim ring and headlight from the headlight bucket.
4. Drill a 5/8" hole in the back of the headlight bucket.
5. Route the ProGLOW™ wiring harness through the hole in the headlight bucket and install the grommet.
6. Connect the 7" LED headlight to the existing OEM H4 plug.
7. Install headlight and trim ring on the headlight bucket.
8. Connect the ProGLOW™ wiring harness to Channel 1 of the ProGLOW™ Bluetooth Controller. **Note: If the Brake Signal Sync is turned on in the App, The Channel 1 Override will need to be turned ON. Shown in Figure 1.**
9. Reconnect the negative battery cable to the battery.
10. Test the Custom Dynamics® ProGLOW™ 7" LED Headlight for proper operation and aim the headlight.
11. If the Brake Signal Sync is turned on in the App, test the Brake Sync Channel 1 Override to ensure the Headlight halo does not turn Red when the Brake is applied.

Note:

Use caution when connecting the mating ProGLOW™ accessory connectors, confirm the mating connector is connected correctly or damage will occur to the lighting accessories. The locking tab should slide onto the lock and lock into position. Shown in Figure 2.



Using The H4-TOUR-ADAPTER on 2014-2025 H-D™ Touring Models



Using The CDTB-H42H9H11 (sold separately) on 2014-2025 H-D™ Road King/Freewheeler Models

