

Custom Dynamics® Shark Demon® 2 LED Headlight with Color Changing Back Light Installation Instructions



We thank you for purchasing the Custom Dynamics® Shark Demon® 2 LED Headlight with Color Changing Back Light. 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: SD2-7-14

Package Contents:

- Shark Demon® 2 LED Headlight (1)
- H4-TOUR-ADAPTER (1)
- Shark Demon® Sticker (1)
- Magnet (1)
- Fused Switch Harness (1)
- Instructions (1)



Fits: 2014-2024 Harley-Davidson® Ultra Limited (FLHTK) and Tri Glide Ultra (FLHTCUTG), 2014-2023 Street Glide (FLHX) and Street Glide Special (FLHXS), 2015-2024 Free-wheeler (FLRT), 2017-2024 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.

Note: 2014-2022 Harley-Davidson® Road King (FLHR), 2017-2020 Road King Special (FLHRXS) and 2020-2024 Freewheeler (FLRT) models require wiring adapter 2001-1264 (sold separately).

Installation:

1. Disconnect the motorcycle negative battery cable.
2. Review factory service manual for instructions on replacing factory headlight and mounting bucket.
3. Remove the factory headlight trim ring and headlight with the mounting bucket as an assembly from the fairing or nacelle depending on the model. Retain the screws that secure the mounting bucket for installation of the new headlight. Remove the factory headlight from the mounting bucket assembly by removing the three trim ring Phillips screws.
4. **Color Changing Back Light:** Install the included Fused Switch Harness. Route the Fused Switch Harness from the battery location so that the wire with the spade terminal is located in the headlight bucket. **Note:** Models with enclosed headlight buckets will require a small hole to be drilled in the bucket to allow the spade terminal to be routed into the bucket.
5. Mount the ON/OFF switch of the included Fused Switch Harness in a convenient location.
6. Use cable ties to secure the Fused Switch Harness to prevent damage to the wiring.
7. Connect the ring terminal on the red fused wire of the Fused Switch Harness to the Positive Battery terminal.
8. Locate the red wire on the back of the Shark Demon® 2 LED Headlight and connect to the spade terminal of the included Fused Switch Harness.



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.

Note: Complies with SAE and DOT standards for high and low beam motorcycle headlight.

Cleaning: Take special care in cleaning the finish. Never use abrasive polishes or cleaners as these can scratch the finish.

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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9. Connect the Shark Demon® 2 LED Headlight to the existing factory H4 plug.

Note: 2014-2023 Street Glide, Electra Glide, Ultra, Tri Glide models (Including CVO™), 2014 Road King CVO™ and 2021-2024 Road King Special models need to use the included H4-TOUR-ADAPTER. If your headlight electrical harness connector does not match the flat 4 pin connector of the included H4-TOUR-ADAPTER, follow your bike's harness back into the fairing until you find your bike's flat 4 pin connector.

10. Install Shark Demon® 2 LED Headlight with mounting ring as an assembly to the fairing or nacelle. Use the existing mounting bucket screws that were removed in Step 3.
11. Make sure no wire or any components of the harness can be pinched during installation and that they will not be exposed. Reinstall the headlight trim ring.
12. Reconnect the motorcycle negative battery cable.
13. Test function of headlight for high beam and low beam function: - **Stock function** = When low beam is ON, high beam is OFF, when high beam is ON, low beam is ON. - **Color Changing Back Light:** Only operates if power is applied to the red wire. Function is optional.
14. Aim Shark Demon® 2 LED Headlight. **Scan QR Code for specific instructions on proper measurements for aiming.**

Magnet instructions for Color Changing Back Light:

1. Click the switch to the "On" position that is attached to the included Fused Switch harness. The accent light color will illuminate. **Note:** The low beam/high beam does not need power on for this step.
2. Place the included magnet against the right side of the Shark Demon® 2 LED Headlight lens in the area shown in **Figures 1 and 2**.
3. The color will change every time you place the included magnet in this location. **Tech Tip:** Flip the included magnet over in between each time it is placed against the Shark Demon® 2 LED Headlight lens. This helps the Shark Demon® 2 LED Headlight recognize the magnet easier.

QR Code



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

