

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



Part Number

SD2-7-14

Patent

US Patent: Pending, China Patent: Pending

Package Contents

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



Fitment

2014-2024 Harley-Davidson® Ultra Limited (FLHTK), 2014-2025 Tri Glide Ultra (FLHTCUTG), 2014-2023 Street Glide (FLHX) and Street Glide Special (FLHXS), 2015-2025 Free-wheeler (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) and 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 2020-2025 Freewheeler (FLRT) models require wiring adapter 2001-1264 (**sold separately**).

Suggested Tools

Safety Glasses
Phillips Screwdriver

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. Remove the OEM headlight trim ring and remove OEM headlight by removing the three Phillips screws on mounting bucket trim ring and retain screws for reinstallation.
3. **Color Changing Back Light:** Install the supplied 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 may require a small hole to be drilled in the bucket to allow the accent light switch wire spade terminal to be routed into the bucket.

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

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4. Mount the ON/OFF switch of the supplied Fused Switch Harness in a convenient location.
5. Use cable ties to secure the Fused Switch Harness wires to prevent the wires from being cut, frayed or pinched.
6. Connect the ring terminal on the red fused wire of the Fused Switch Harness to the positive battery terminal [+].
7. Locate the red wire on the back of the Shark Demon® 2 LED Headlight and connect to the spade terminal of the supplied Fused Switch Harness.
8. Connect the Shark Demon® 2 LED Headlight to the existing OEM H4 connector.

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 supplied H4-TOUR-ADAPTER, follow your motorcycles harness back into the fairing until you find your motorcycles flat 4 pin connector.

Notice

Hand start all bolts, **DO NOT** use impact wrench/"zip gun" when installing.

9. Install the Shark Demon® 2 LED Headlight to the OEM mounting bucket using the three Phillips screws and mounting bucket trim ring that were removed.
10. Make sure no wires or any components of the harness can be pinched during installation and that they will not be exposed. Reinstall the headlight trim ring.
11. Reconnect the negative battery cable to the battery and reinstall all necessary parts.
12. Aim The Shark Demon® 2 LED Headlight.

Note

Click the link to the right for specific instructions on proper measurements for aiming headlight.

[Click Here](#)

13. Test the Custom Dynamics® Shark Demon® 2 LED Headlight for proper operation.

Cleaning Warning

Never use abrasive polishes or cleaners (e.g. "bug off" cleaners) as these can scratch and/or damage the finish, voiding warranty coverage. Avoid power washing/applying direct stream to aftermarket parts.

Magnet Instructions for Color Changing Back Light

1. Press the switch to the ON position on the supplied Fused Switch Harness. The accent light color will illuminate.
2. Place the supplied Magnet against the right side of the Shark Demon® 2 LED Headlight lens in the area shown in Figures 1 & 2.
3. The color will change every time you place the supplied Magnet in this location.

Tech Tip

Flip the supplied Magnet over in between each time it is placed against the Shark Demon® 2 LED Headlight lens, this helps recognize the Magnet easier.

