

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



## Part Number

SD2-7-13

## Patent

US Patent: Pending, China Patent: Pending

## Package Contents

Shark Demon® 2 LED Headlight (1)  
Mounting Ring (1)  
6-32 Stainless Steel Flat Washers (8)  
Fused Switch Harness (1)  
Magnet (1)  
Shark Demon® Sticker (1)  
Instructions (1)



## Fitment

1994-2013 Harley-Davidson® Electra Glide Classic (FLHTC), Electra Glide Standard (FLHT), Electra Glide Ultra Classic (FLHTCU), Ultra Classic (FLTCU), Ultra Limited (FLHTK), CVO Electra Glide (FLHTCSE), CVO Ultra Classic (FLHTCUSE), 1995-2013 Road King (FLHR), Road King Classic (FLHRC), Road King Custom (FLHRS), CVO Road King (FLHRSE), 2006-2013 Street Glide (FLHX), CVO Street Glide (FLHXSE), 2009-2013 Tri Glide Ultra Classic (FLHTCUTG), 2010-2011 Street Glide Trike (FLHXXX), and 2012-2017 Dyna Switchback models.

## Suggested Tools

Safety Glasses  
Phillips Screwdriver  
T25 TORX Socket or Handle Driver

## 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 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 Shark Demon® 2 LED Headlight.
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](mailto: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

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.

### Notice

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

9. Install the Shark Demon® 2 LED Headlight with Mounting Ring as an assembly to the fairing or nacelle. Use the OEM mounting bucket screws.

### Note

For Road King models, use the supplied 6-32 Stainless Steel Flat Washers on the 7 mounting bucket screws to secure the headlight to the nacelle.

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.

