

# Custom Dynamics® Shark Demon® 2 LED Headlight Installation Instructions



## Part Numbers

Patent

SD2-BW-W

US Patent: D1102637, Additional US Patent: Pending, China Patent: ZL202430259656.X

## Package Contents

Shark Demon® 2 LED Headlight (1)  
SD2 Batwing Bracket (1)  
2014-2024 SD2-14-HARN Adapter Harness (1)  
1996-2013 SD2-H4 Adapter Harness (1)  
M6 Button Head Bolts (4)  
M6 Flat Washers (4)  
Cotter Pins (3)  
M4-0.7 x 16.35mm Phillips Screw (1)  
Trim Gasket (1)  
Shark Demon® Sticker (1)  
Instructions (1)



## Fitment

1994-2013 Harley-Davidson® Electra Glide Classic (FLHTC), 1995-2022 Electra Glide Standard (FLHT), 1994-2019 Electra Glide Ultra Classic (FLHTCU), 1994-1996 Ultra Classic (FLTCU), 2010-2024 Ultra Limited (FLHTK), 2015-2016 Ultra Classic Low (FLHTCUL), 2015-2018 Ultra Limited Low (FLHTKL), 2004-2005 CVO Electra Glide (FLHTCSE), 2006-2013 CVO Ultra Classic (FLHTCUSE), 2014-2021 CVO Limited (FLHTKSE), 1995-2013 Road King (FLHR), 1995-2013 Road King Classic (FLHRC), 2004-2007 Road King Custom (FLHRS), 2002-2013 CVO Road King (FLHRSE), 2017-2025 Road King Special (FLHRXS), 2009-2025 Tri Glide Ultra (FLHTCUTG), 2019-2022 CVO Tri Glide (FLHTCUTGSE), 2010-2011 Street Glide Trike (FLHXXX), 2006-2023 Street Glide (FLHX), 2014-2023 Street Glide Special (FLHXS), 2022-2023 Street Glide ST (FLHXST), 2010-2022 CVO Street Glide (FLHXSE) and 2013-2017 Dyna Switchback (FLD).

## Suggested Tools

Safety Glasses  
Front Fender Protection  
T-25 TORQ Socket or Handle Driver  
3/16" Allen Socket or T-Handle  
4mm Allen Socket or T-Handle  
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 OEM headlight trim ring screw to remove the trim ring.
3. Remove OEM headlight and bracket as an assembly by removing 4 T25 Torx screws.
4. Disassemble SD2 Batwing Bracket and install "T" Bracket to the Shark Demon® 2 LED Headlight using 4 supplied M6 Button Head Bolts w/ Flat Washers. Shown in **Figures 1 and 2**.

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

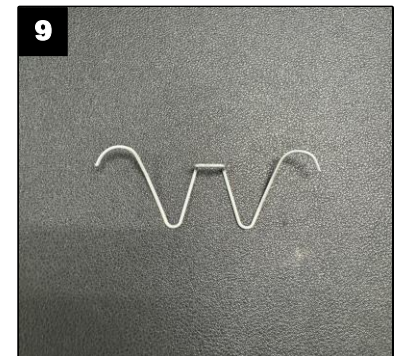
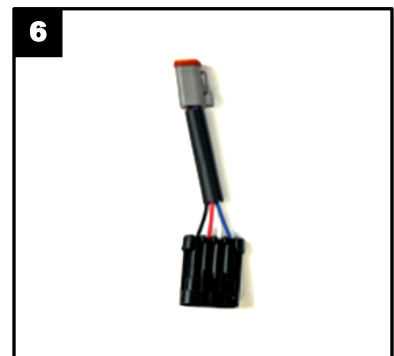
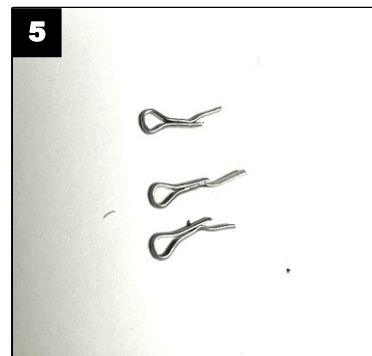
### Notice

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

5. Install Shark Demon® 2 LED Headlight and "T" Bracket back to the SD2 Batwing Bracket and use supplied cotter pins to hold adjustment screws from backing out by pushing cotter pin through hole in adjustment bolt and bending ends over. Shown in **Figures 3, 4, and 5**.
6. Connect appropriate supplied Adapter Harness to the motorcycle's headlight connector. 2014-2024 SD2-BW Adapter Harness shown in **Figure 6**, or 1996-2013 SD2-H4 Adapter Harness shown in **Figure 7**.
7. Install complete Shark Demon® 2 LED Headlight and SD2 Batwing Bracket assembly to motorcycle fairing and connect the Adapter Harness to Shark Demon® 2 LED Headlight connector.
8. Install the supplied Trim Gasket around the Shark Demon® LED Headlight. Shown in **Figure 8**.
9. Reinstall headlight trim ring and use supplied M4-0.7 x 16.35 mm Phillips Screw.

### Note

If the headlight trim ring is loose or moves around when Phillips Screw is installed you will need to replace the "W" clip in the headlight trim ring with a new one (**Drag PN: 2001-0858**). Shown in **Figure 9**.



## Installation Instructions Continued - 3

10. Reinstall all necessary parts to reconnect the negative battery cable to the battery.
11. Aim Shark Demon® 2 LED Headlight by turning the 3 adjustment screws.

### Note

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

[Click Here](#)

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

### Note

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

### 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.