

Custom Dynamics® Shark Demon® 2 LED Headlight Pedestal Mount Installation Instructions



Part Numbers

Patent

SD2-PM-W

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

Package Contents

Shark Demon® 2 LED Headlight (1)
SD2 Pedestal Mount Bracket (1)
Universal Wire Adapter Harness (1)
1/4-20 x .750" Button Head Bolts (2)
10-24 x .500" Button head bolts (2)
M6 Button Head Bolts (4)
M6 Flat Washers (4)
Solder Seal Sleeves (3)
Shark Demon® Sticker (1)
Instructions (1)



Fitment

FXR Models: 1999 Harley-Davidson® FXR2, 1999 FXR3 and 2000 FXR4.

DYNA Models: 2006-2010 Harley-Davidson® Super Glide (FXD), 2006 35th ANV Super Glide (FXD35), 2006-2014 Super Glide Custom (FXDC), 1999-2017 Wide Glide (FXDWG), 2007 CVO Super Glide (FXDSE), 2008 CVO Super Glide (FXDSE2), 2006-2017 Street Bob (FXDB) and 2007-2010 Low Rider (FXDL).

SOFTAIL Models: 1999-2007 Harley-Davidson® Softail Standard (FXST/I), 1999-2009 Night Train (FXSTB/I), 1999 and 2007-2010 Softail Custom (FXSTC/I), 2000-2007 Deuce (FXSTD/I), 2008-2011 Rocker C (FXCWC), 2011-2013 Blackline (FXS) and 2013-2017 Breakout (FXSB).

XL Models: 1999-2010 Harley-Davidson® 1200 Custom (XLH1200C/XL1200C), 1999-2009 883 Custom (XL883C/XL883C), 2016-2020 1200 Roadster (XL1200CX), 2010-2022 Forty-Eight (XL1200X) and 2018-2019 Forty Eight Special (XL1200XS).

UNIVERSAL: Accepts Harley-Davidson® OEM 3/4" headlight mounting blocks on 12 VDC systems, 3-wire harness connects to motorcycles high beam circuit, low beam circuit and ground.

Suggested Tools

Safety Glasses
Front Fender Protection
10mm Socket or Open End Wrench
9/16" Socket or Open End Wrench
1/2" Socket or Open End Wrench
Heat Gun

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 from mounting block and disconnect headlight. Shown in **Figure 1**.
3. Install visor to SD2 Pedestal Mount. Install SD2 Pedestal Mount Bracket to the motorcycles mounting block. Shown in **Figure 2**.

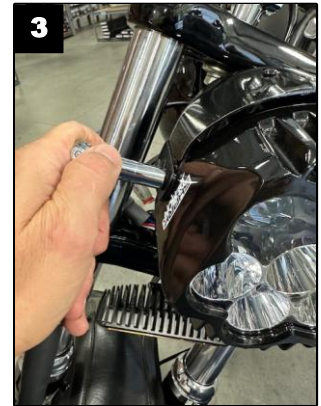
Questions? Email: Info@CustomDynamics.com or Call us at: 1(919)554-0949 M-TH 8:30AM-5:30PM, F 9:30AM-5:30PM EST

Installation Instructions Continued - 2

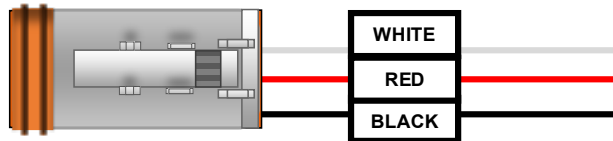
Notice

Hand start all bolts, **DO NOT** use impact wrench/"zip gun" when installing. Ensure **ALL** bolts are **TIGHT** and the bracket is **PROPERLY SECURED** to the motorcycle before moving to step 4.

4. Install Shark Demon® 2 LED Headlight to SD2 Pedestal Mount using 4 supplied M6 Button Head Bolts and M6 Flat Washers. Shown in **Figure 3**.
5. Connect the Universal Wire Adapter to the Shark Demon® 2 LED Headlight connector. Use the supplied Solder Seal Sleeves to connect to the motorcycle with the **Wiring Diagram** shown in **Figure 4**.



- 4** **Wiring Diagram:**
White: Motorcycles High Beam Circuit.
Red: Motorcycles Low Beam Circuit.
Black: Motorcycles Ground Circuit.



6. Reconnect the negative battery cable to the battery and reinstall all necessary parts.
7. Aim Shark Demon® 2 LED Pedestal Mount Headlight by loosening the 4 M6 Button Head Bolts and tightening the 4 M6 Button Head Bolts once aiming is complete.

Note

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

[Click Here](#)

8. Test the new Shark Demon® 2 LED Pedestal Mount 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.