

Custom Dynamics® Shark Demon® Fog Light Kit Installation Instructions



We thank you for purchasing the Custom Dynamics® Shark Demon® Fog Light Kit. 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: SD-FOG-2W SD-FOG-2Y
Patent Pending

Package Contents:

- Shark Demon® Fog Light (2)
- HARN-FOG-2 Harness (1)
- 8mm Socket Head Bolts (4)
- 8mm Washers (4)
- 6mm Socket Head Bolts (4)
- 6mm Washers (4)
- 6" Cable Ties (10)
- Instructions (1)

Fits: 2011-2021 Harley-Davidson® Softail, 2012-2017 Dyna 2014-2022 XL Sportster (**Does not fit S models**), 2014-2020 Touring and Trike models.



Installation:

1. Remove all necessary parts to disconnect the negative battery cable from the battery.
2. Choose a location to mount the Shark Demon® Fog Light Kit on motorcycle using mounting clamp on engine guard or caliper mounts (**sold separately**). Mounting clamp option used with Shark Demon® Fog Light mounted horizontal. Shown in **Figure 1**.



3. The Shark Demon® Fog Lights can be mounted vertically or horizontally depending on what mount is used and how you choose to orient the Shark Demon® Fog Lights. Vertical shown in **Figure 2**, Horizontal shown in **Figure 3**. **Note:** The lens must be turned with the "TOP" always to the top of the Shark Demon® Fog Light. "TOP" is etched into the top of the lens.



ATTENTION

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 motorcycle.

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 motorcycle is on level surface, secure and cool.

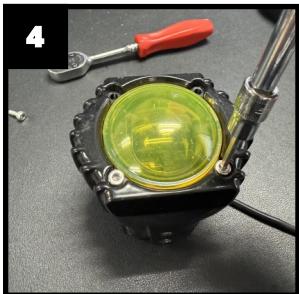
Cleaning: Take special care in cleaning the finish. Never use abrasive polishes or cleaners as these can scratch and/or damage the finish. Avoid power washing/applying direct stream to aftermarket parts.

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

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Installation Continued:

4. To turn the lens of the Shark Demon® Fog Lights remove the 3mm Allen Head screws and turn the lens and reinstall the 3mm screws. Shown in **Figures 4 & 5**.



5. Route the wires from the Shark Demon® Fog Light up the frame and under the fuel tank to the battery/left side cover area of motorcycle. Use supplied Cable Ties to secure the wires from being cut, frayed or pinched.
6. Remove left side cover to access the OEM P&A connector and plug in the HARN-FOG-2 Harness. Shown in **Figure 6**.



7. Find a suitable location for the push button ON/OFF switch and clean area with denatured alcohol and let dry.
8. Peel the red protective tape off the back of switch and press firmly into place.
9. Use the supplied Cable Ties to secure wires from being cut, frayed or pinched.
10. Make sure Shark Demon® Fog Light JAE connectors from HARN-FOG-2 Harness are free and near the P&A connector for the Shark Demon® Fog Lights to be connected to.
11. Reconnect the negative battery cable to the battery and reinstall all necessary parts and the left side cover.
12. Test the Custom Dynamics® Shark Demon® Fog Lights for proper operation.

