

# Custom Dynamics® Shark Demon® Fog Light Kit Installation Instructions



## Part Number

SD-FOG-2W, SD-FOG-2Y

## Patent

Patent Pending

## Package Contents

Shark Demon® Fog Lights (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)



## Fitment

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

## Suggested Tools

Safety Glasses  
3mm Allen Socket or T-Handle  
6mm Socket or Open End Wrench  
8mm Socket or Open End Wrench

## Installation

### 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. 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.

### Note

Use the extra hardware (8mm Socket Head Bolts and Washers, 6mm Socket Head Bolts and Washers) to fill the empty holes not utilized during mounting of the Shark Demon® Fog Light.

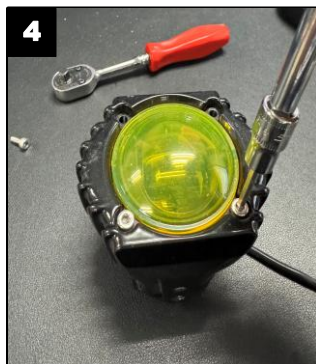
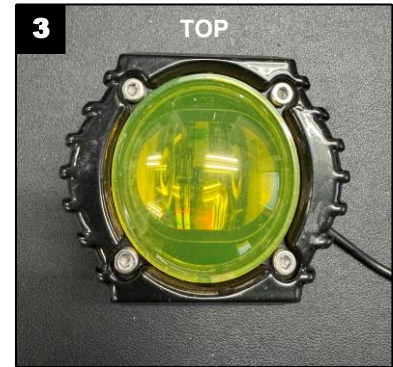
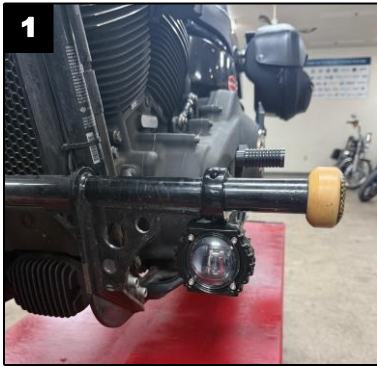
Questions? Email: [Info@CustomDynamics.com](mailto:Info@CustomDynamics.com) or Call us at: 1(919)554-0949 M-TH 8:30AM-5:30PM, F 9:30AM-5:30PM EST

## Installation Instructions Continued - 2

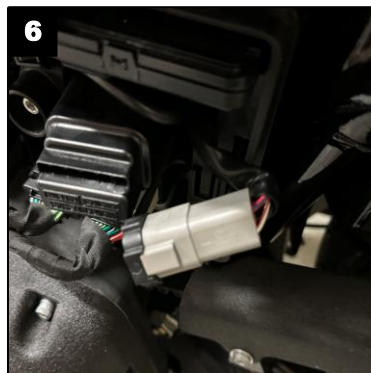
### Notice

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

4. To turn the lens of the Shark Demon® Off Road 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 Data Port 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 Data Port 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 new Custom Dynamics® Shark Demon® Fog Lights 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.

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