



**SD2-MSRW-W Shark  
Demon 2 LED  
Headlight**



# CUSTOM DYNAMICS SD2-MSRW-W Shark Demon 2 LED Headlight Instruction Manual

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**CUSTOM DYNAMICS SD2-MSRW-W Shark Demon 2 LED Headlight**



## Product Usage Instructions

- Remove all necessary parts to disconnect the negative battery cable from the battery.
- Remove the OEM headlight from the mounting block and disconnect the headlight.
- Remove the headlight harness from inside the frame on the left side, to unplug the connector remove the rubber grommet and connector block.
- Connect the newly supplied Adapter Harness to the headlight connector inside the frame push back the rubber grommet and route the Adapter Harness through forks out the front.
- Cut about 1 inch of the plastic headlight ring material away for fitment.
- Install the fairing and hardware on the motorcycle. Tighten all hardware using 20 x 1/2 Socket Allen Head Bolts and Washers.

## Introduction

- Custom Dynamics® Shark Demon® 2 LED Headlight For Memphis Shades Road Warrior® Fairing Installation Instructions
- Questions? Email: [Info@CustomDynamics.com](mailto:Info@CustomDynamics.com) or Call us at: 1 [800-382-1388](tel:800-382-1388) M-TH 8:30 AM-5:30 PM / FR 9:30 AM-5:30 PM EST 09-2024
- We thank you for purchasing the Custom Dynamics® Shark Demon® 2 LED Headlight for Memphis Shades Road Warrior® Fairing.
- 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 the installation of this product please call Custom Dynamics® at 1(800) 382-1388.

## Part Numbers

- SD2-MSRW-W

## Package Contents

- Shark Demon® 2 LED Headlight (1)
- SD2 MSRW Brackets (2)
- SD2-18ST Adapter Harness (1)
- SD2-DYNA-HARN Adapter Harness (1)
- SD2-UNV-HARN Adapter Harness (1)
- 1/4-20 x 1/2" Socket Allen Head Bolts (4)
- 1/4" Flat Washer (4)
- M6-1.0 x 14mm Hex Head Bolts (4)
- M6 Flat Washers (4)
- Shark Demon® Sticker (1)
- Instructions (1)



**Fits:** 18+ Softail (SD2-18ST Harness) 2018-2024 Harley-Davidson® Softail models (Except Low Rider ST FXLRST).

**Dyna (SD2-DYNA-HARN Harness)** 2000-2017 Harley-Davidson® Dyna models.

**Universal/ Indian (SD2-UNV-HARN Harness)** 2018-2024 Scout Bobber, 2016-2024 Scout Sixty, 2022-2024 Chief Bobber, 2022-2024 Chief Bobber Dark Horse, 2022-2024 Chief, and 2022-2024 Chief Dark Horse. Custom application any Harley-Davidson® models using a Memphis Shades Road Warrior® Fairing.

**Note:** Harley-Davidson® Models must use Memphis Shades Road Warrior® Fairings PN: MEM7371/2330-0165, MEM7391/2330-0193, MEM7421/2330-0203, or MEM7451/2330-0217. Indian Models must use Memphis Shades Road Warrior® Fairings PN: MEM7371/2330-0165, MEM7511/2330-0269, or MEM7531/2330-0271.

## ATTENTION

- Please read all the information below before Installation.

**Warning:** Disconnect negative battery cable from the battery; refer to the owner's manual. Failure to do so may result in electrical shock, injury, or fire. Secure the negative battery cable away from the positive side of the battery and all other positive voltage sources on a vehicle.

**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 the vehicle is on a

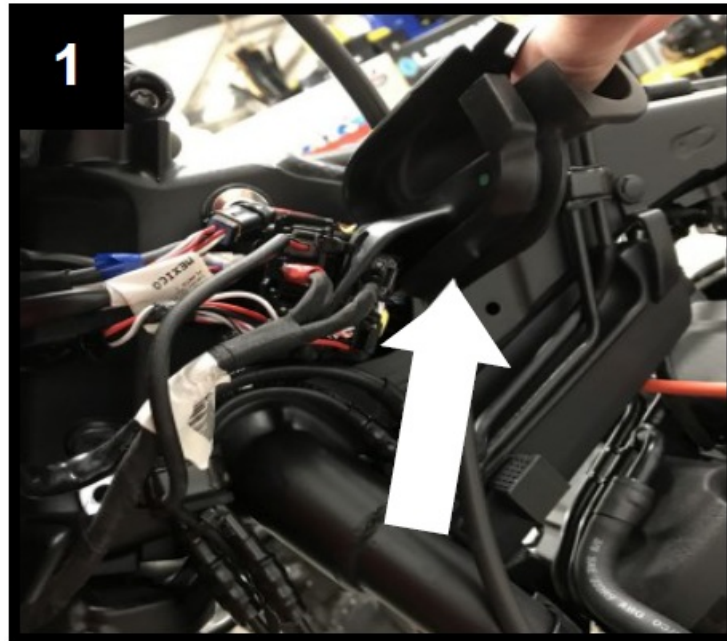
level surface, secure and cool.

**Note:** Complies with SAE and DOT standards for high and low-beam motor-cycle headlamps.

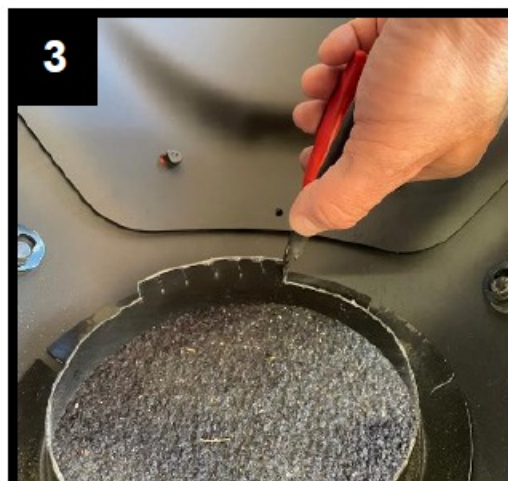
**Cleaning:** Take special care in cleaning the finish. Never use abrasive polishes or cleaners as these can scratch the finish.

## Installation

1. Remove all necessary parts to disconnect the negative battery cable from the battery.
2. Remove Memphis Shades Road Warrior® if already installed on the motorcycle.
3. Remove the OEM headlight from the mounting block and disconnect the headlight.
4. Remove the headlight harness from inside the frame on the left side, to unplug the connector remove the rubber grommet and connector block. Shown in Figure 1.

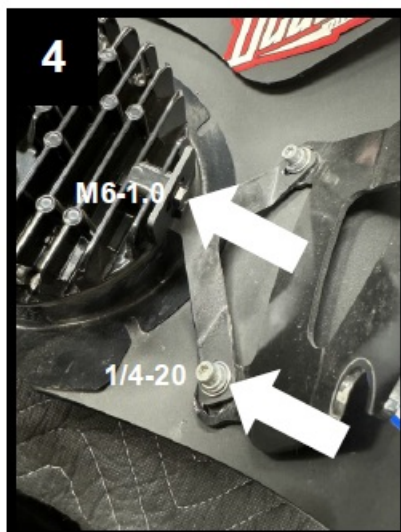


5. Connect the newly supplied Adapter Harness to the headlight connector inside the frame push back the rubber grommet and route Adapter Harness through forks out the front. Note: For 18+ Softails use SD2-18ST, for Dyna use SD2-DYNA-HARN, and for Indians and all others use Universal SD2-UNV-HARN. Adapter Harnesses and wiring for Universal are shown in Figure 2,
6. Trim plastic headlight ring on Memphis Shades Road Warri-or® Fairing so the Shark Demon® 2 LED Headlight will fit into the fairing opening with side cutters, a Dremel tool, or a cut-off wheel. Shown in Figure 3. Note: Cut about 1" of the plastic headlight ring material away for fitment.



7. Fit Shark Demon® 2 LED Headlight into the Memphis Shades Road Warrior® Fairing, place SD2-MSRW Brackets on top of Memphis Shades® mounting brackets, and use supplied 1/4-20 x 1/2" Socket Allen Head

Bolts and Washers. Use supplied M6-1.0 x 14mm Hex Head Bolts and Washers to mount the SD2-MSRW Bracket to the Shark Demon® 2 LED Headlight do not tighten at this time. Shown in Figure 4.



8. Install Memphis Shades Road Warrior® Fairing and Shark Demon® 2 LED Headlight as an assembly onto the motorcycle using Memphis Shades® mounting hardware and plug-in headlight connector. Shown in Figure 5.

Note: Re-fer to Memphis Shades® installation instructions for installing the fairing and hardware to motorcycle.

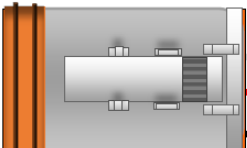


9. Straighten and adjust Memphis Shades Road Warrior® Fairing and tighten ALL hardware.
10. Replace all necessary parts to reconnect the negative bat-tery cable to the battery.
11. Test the operation of the Shark Demon® 2 LED Headlight.
12. Aim Shark Demon® 2 LED Headlight by loosening the 4 M6 Hex Head Bolts. Note: Scan the QR Code below for specific instructions on proper measurements for aiming the headlight.




## Wiring


- SD2-UNV-HARN Wiring.
- White: Connect to motorcycle high beam circuit.
- Red: Connect to motorcycle low beam circuit.
- Black: Connect to ground.



SD2-18ST
SD2-DYNA-HARN
SD2-UNV-HARN




White  
Red  
Black



## CONTACT

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## Documents / Resources



**[CUSTOM DYNAMICS SD2-MSRW-W Shark Demon 2 LED Headlight](#)** [pdf] Instruction Manual  
 SD2-MSRW-W Shark Demon 2 LED Headlight, SD2-MSRW-W, Shark Demon 2 LED Headlight, LED Headlight, Headlight

## References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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