

Custom Dynamics® Shark Demon® 2 LED Headlight For Memphis Shades Road Warrior® Fairing Installation Instructions



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 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 applications 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.**



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 vehicle.

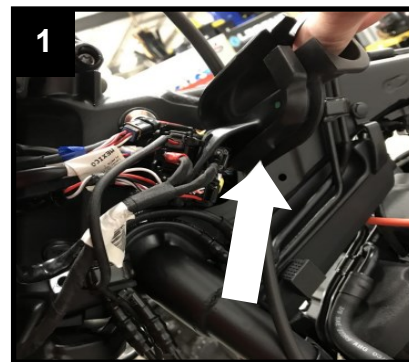
Safety First: Always wear appropriate safety gear including safety glasses when performing any electrical work. It is highly recommended that safety glasses be worn throughout this installation process. Be sure vehicle is on level surface, secure and cool.

Note: Complies with SAE and DOT standards for high and low beam motorcycle headlamp.

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 motorcycle.
3. Remove **OEM** headlight from mounting block and disconnect headlight.
4. Remove headlight harness from inside the frame on the left side, to unplug connector remove rubber grommet and connector block. Shown in **Figure 1**.



5. Connect new supplied Adapter Harness to the headlight connector inside the frame and 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 other use Universal **SD2-UNV-HARN**. Adapter Harnesses and wiring for Universal shown in **Figure 2**, at bottom of **Page 2**.

Questions? Email: Info@CustomDynamics.com or Call us at: 1 (800) 382-1388 M-TH 8:30AM-5:30PM / FR 9:30AM-5:30PM EST

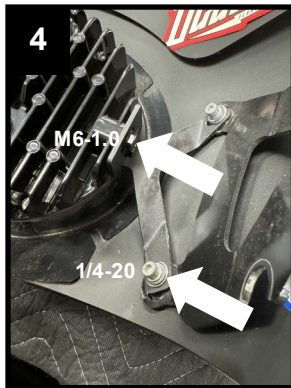
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Instructions Continued:

6. Trim plastic headlight ring on Memphis Shades Road Warrior® 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 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:** Refer 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 battery 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.



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

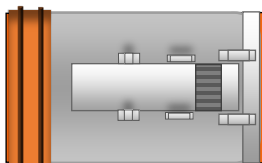
SD2-18ST



SD2-DYNA-HARN



SD2-UNV-HARN



White

Red

Black

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