



Installation Instructions

For K68499 Kodlin Elypse 3-1 Rear Light Bar for Sportster S models

Warning: Knowledge of your bikes electrical system and experience with soldering and splicing wires are necessary to install this product. We recommend working with a knowledgeable motorcycle shop. We suggest testing lights before installing.

1. Remove seat, left side panel and rear panel.
2. Unclip OEM light bar connector on lower swing-arm. See picture #1.
3. Undo wiring from clip with two plastic screws and make sure wiring is completely free all the way to swing-arm mount. See picture #2.



#1

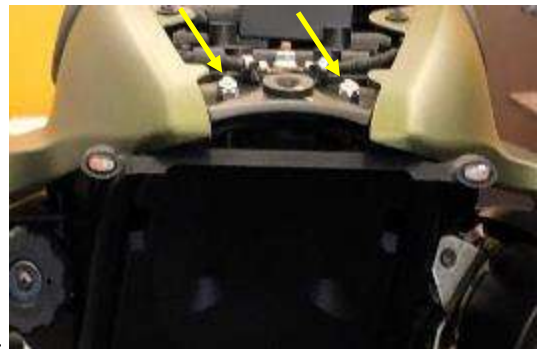


#2

4. While holding light bar remove the three bolts holding it onto the swing-arm.
5. Using instructions provided with kit install the Kodlin License Plate Bracket for Sportster S models and Kodlin Curved Universal License Plate Kit at this time. See picture #3.



#3



#4

6. Using the two bolts provided in the kit install them into the counter bore on bottom of light bar and into existing holes up into rear frame. Secure with two washers and nylock nuts provided. Align then snug up firmly.
7. Route wires up into frame and into area under the rear panel avoiding pinch points or sharp edges. See picture #4 and 5.



#5



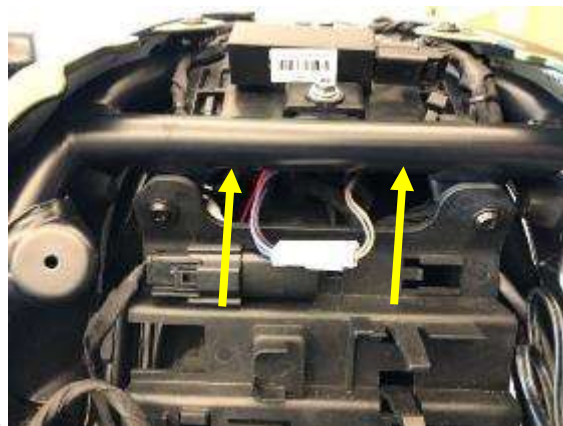
#6

Wiring the lights:

1. Remove the OEM light bar mount from the taillight assembly by removing four screws on back of assembly.
2. Unplug OEM harness and remove harness from the light bar mount. It should look like harness in picture #6. Cut off the three black connectors off and following our wiring guidelines splice the OEM harness to the wires from the Kodlin lightbar. On the other end you need to splice into black wire (pin location 4) and blue wire (pin location 5) with leads to provide power for license plate.



v#7



#8

3. Run the modified OEM harness from the rear panel area along left side to connector under left side panel (see picture #7).

4. Be careful not to have any wires near front of this bar because stock seat will pinch it when installed. See two arrows in picture #8. (I used Namz JST connectors on LED end of OEM harness. You can splice and solder just as easy. Connector is shown pulled out for viewing otherwise it will be tucked away behind bar.)
5. You can now run wires from Kodlin license plate frame up to this modified OEM harness following old harness route and splice into leads spliced onto modified OEM harness previously near connector pictured in #7 following the same wiring guidelines. Disconnect existing connector seen in picture #7 and plug in the modified OEM harness connector.
6. Test front and rear brake and each turn signal light and then let flashers run about 10-20 times and check for any DTC codes or hyper-flashing.

Wire color code guidelines:

EOM harness to LED Lightbar

Pin 1 -> Brown Wire -> Right Turn -> Blue LED Wire

Pin 2 -> Blue/Orange Wire -> Stop -> both Red LED Wire

Pin 3 -> Black Wire (or Black/Blue) -> Ground -> Black license plate frame wire

Pin 4 -> Black Wire -> Ground -> both Black LED Wires

Pin 5 -> Blue Wire -> Running -> both Yellow LED Wires (also Black with light stripe license plate frame wire)

Pin 6 -> Blue/White Wire -> Left Turn -> Blue LED Wire

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Revision Date: 5/12/2022

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