



Installation Instructions for KUS11600 Kodlin Rear LED Wiring Harness for Sportster S

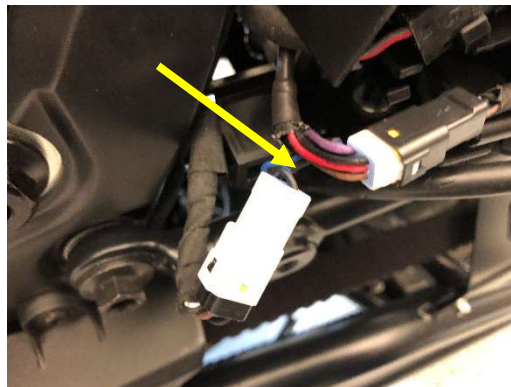
This kit provides a way to connect your new LED lights to the rear of your Sportster S without the need to cut or splice into your OEM main harness wires. It will also provide a voltage source for your relocated license plate light.

1. Start off by disconnecting the taillight harness at the main harness connector seen in picture #1



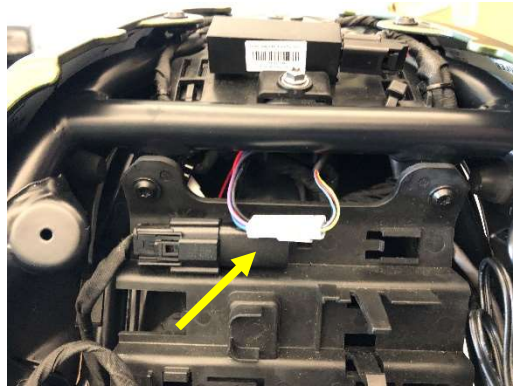
#1

2. Connect both harness connectors, one to main harness and other to taillight harness as seen in picture #2.
3. Route the harness alongside frame rail to rear tail section. See picture #3.
4. Harness will provide left and right JST connectors to connect rear LEDs.
5. Harness will also provide a 12 vdc source for license plate frame at taillight connector on swingarm. Pin 4 (black wire) is ground and pin 5 (blue wire) is 12 VDC source from running light circuit. See picture #4



#2

#3



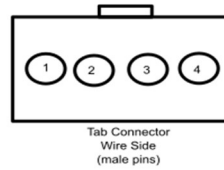
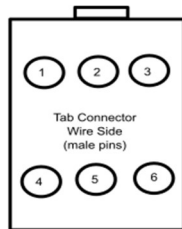
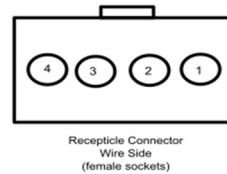
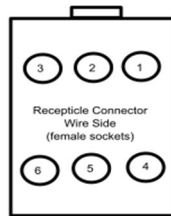
#4



6. Four place connector wire color and position.

Kodlin Harness Wire Color	->Conn Pos	->Function	->Led Wire Color
Blue	->1	->Running	->Yellow
Brown (violet for left turn)	->2	->Turn	->Blue
Red	->3	->Stop	->Red
Black	->4	->Ground	->Black

JST 6 and 4 Place Connector Pin Locations



NOTE: This is a custom part. Kodlin USA is not responsible for stock parts or accessories fitting after the installation. No warranty coverage is provided by Kodlin that is due to improper installation or lack of maintenance. Periodic maintenance and inspection are required. It is the installer's responsibility to ensure that all the fasteners are tightened before operation of the motorcycle. We recommend following the Mfg.'s torque specifications.

For the latest install guides, video's, FAQ's. and Tech-Tip's scan QR code!



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