



# ASSEMBLY INSTRUCTIONS

## HARLEY-DAVIDSON 2021-LATER SPORTSTER S LED TAILLIGHT / TURN SIGNAL COMBO

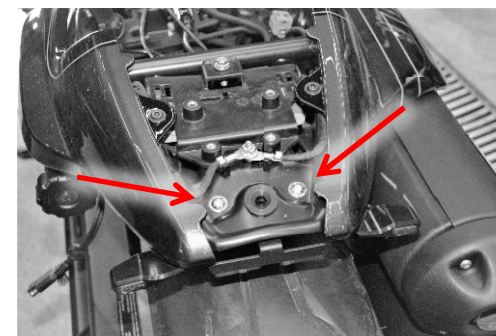
SPS-TLTS



For questions pertaining to the installation of this product, please contact our Killer Custom technical department at [info@killercustom.com](mailto:info@killercustom.com). This product is manufactured in Europe by Killer Custom

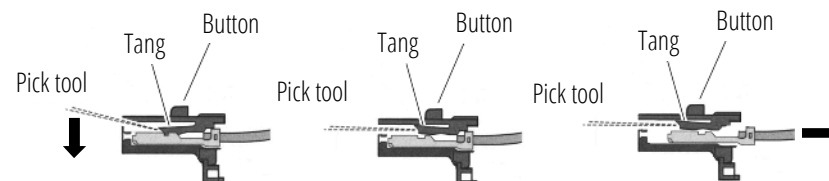
**NOTE: Killer Custom assumes no responsibility or liability for damage or injury of any kind arising out of the use or misuse of any products.**

1. Check all clearances before, during and after installation.
2. The installation shall be conducted according to the ECE standard and by a qualified person. If the installation violates the ECE standard the liability for the product is lost. This product is for motorcycle use only. The product complies with the current ECE standard. This means no registration or carriage of documentation is needed when installing it onto your motorcycle. If uncertain about the installation please hire a qualified person. Never look into the light of the LED's!
3. Disconnect the battery from the electric system and assure that your motorcycle stands solidly on the ground. Before you install the lights, a functional test of the items is recommended.
4. Remove the OEM taillights/turn signals from your motorcycle. Note that you have to rebuild lightning wiring.
5. Remove the rear fender cover and use two holes to attach the turn signal and reflector brackets as shown on the next picture. Use the included M6x16 bolts washers and nuts. After adjusting the position of the taillights and the reflector you can put the fender cover back.



6. For rebuilding the wiring, you will need sharp, thin needle, or pick tool. The six-pin connector is located under the left side cover. Pull it to remove. Disconnect the connector and remove pins from the male side using a sharp needle or pick tool. Place your new tail light wiring and push pins in the connector. Refer to the table below. Rear light wiring color for DIY:

| Function   | Pin Number | Motorcycle's side | Tail light side |
|------------|------------|-------------------|-----------------|
| Right Turn | 1          | Brown             | Yellow          |
| Brake      | 2          | Blue/Orange       | Red             |
| Ground     | 3          | Black             | Black           |
| Ground     | 4          | Black             | Black           |
| Tail light | 5          | Blue              | White           |
| Left Turn  | 6          | Blue/White        | Yellow          |



7. On the picture above you can see the plug pin removing diagram.
8. If you are also rebuilding the license plate wiring, connect the license plate wiring to the Tail light (+) Blue wire and to the Ground (-) Black wire.
9. CAUTION: After installation, the proper function of the ABS/CAN-bus must be checked!
10. All cables must be laid out carefully and in a professional manner. Prevent sharp bending of cables. Open cable ends must be insulated.
11. After the installation make a test drive to be sure everything is working perfectly.

**NOTE:** Installation of this kit requires detailed knowledge of the motorcycle model and mechanics. It is assumed that the installer has access to the proper tools and a working knowledge of them, and factory service manuals.