



# 8900TL2 Installation Instructions

## Product Overview:

Made to replace the stock rear tail lamp on many HD motorcycles. The lens is made from polycarbonate plastic and uses CREE LEDs for illumination. Available in Clear, Red and Smoked Clear Lens.



## Typical Installation

Normal installation requires only a few tools, takes less than 15 minutes.

### Required Tools

- Philips-Head Screwdriver



## Installation Warning

If you feel uncomfortable installing this product, we recommend having a professional complete the installation. Eagle Lights LLC is not liable for any damage to the product or vehicle due to an improper installation.

If you have questions about the installation, please feel free to call us at 1-800-921-3162 or email us at [Support@EagleLights.com](mailto:Support@EagleLights.com).

## Installation:

Below are steps for a typical installation on most Harley Davidson models with layback tail lights. Steps may be different depending on the model. Please ensure you have read through the instructions and understand them clearly before attempting the installation.

 <b>WARNING!</b> 
<ul style="list-style-type: none"><li>• To prevent possible electrical shock, disconnect the negative battery terminal before installing this product.</li><li>• Do not connect the pins on the wires to the white wire holder until prompted. Pins can be very</li></ul>

difficult to remove once installed.

1. Remove the two screws from the stock light.
2. Disconnect the stock light harness from the motorcycle.
3. On most installations, the chrome base plate that is included with the 8900TL2 will not need to be used. To remove it from the 8900TL2, unscrew the two allen keys from both sides.



#### COMMON INSTALLATION ERROR



- The light comes with the ground wire pinned to the connector while the red and green wires are left unpinned. When connecting them, DO NOT CLICK THEM INTO PLACE YET.

4. Connect the harness to the bike with the red and green wires left unpinned.
  - a. The pinout for the harness can be different on some models. With the white light harness connected to the motorcycle, slowly push in the green and red pins into the back of the white connector corresponding to the diagram below but do NOT click them in. If they are clicked in, it will be extremely hard to remove them.

#### Common Harley Davidson Brake Light Pinout:

[Black] [Green] [Empty] [Red]

Test the brake and running light functions. If both functions work, click them into place. If it does not, reverse the red and green wires and test again. Call our technical help line at 1-800-921-3162 if you have any questions.

5. OPTIONAL: Connect the LED Turn Signals.
  - a. There will be two yellow wires. Each yellow lead will need to be routed to the corresponding turn signal lead on the back of the bike. To check which wire goes to which turn signal, check the printing on the circuit board inside the unit.
    - i. The left turn signal will be labeled YL+
    - ii. The right turn signal will be label YR+
  - b. Connect the yellow wires to the positive leads for the turn signals inside the brake housing. The left turn signal will connect to the purple lead on the left side. The right turn signal will connect to the purple lead on the right side.
  - c. Test turn signal functions.
    - i. If the turn signals blink faster than normal, a load resistor will need to be used. Part number EL60WR (sold separately).