



# 8900TL7 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 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></ul>

1. Remove the two screws from the stock light.
2. Disconnect the stock light harness from the motorcycle.
3. Connect the harness to the bike
  - OPTIONAL: Connect the LED Turn Signals.
    - a. There will be a blue and yellow wire. Each yellow lead will need to be routed to the corresponding turn signal lead on the back of the bike.
      - i. The blue wire is the left turn signal
      - ii. The yellow wire is the right turn signal
    - b. The left turn signal (blue wire) will connect to the purple lead on the left side. The right turn signal (yellow wire) 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).
4. Reinstall the light to the bike with the stock bolts.
5. Test the tail light.

On some models, a load resistor is needed to prevent the code from being flagged. When the light is on, the motorcycle's computer can no longer "see" the tail light. A load resistor will fix that issue. It does not hurt the bike or the light to leave it the way it is, but if you want to stop the code, it can be fixed by installing an [EL60WR-S](#) (Sold Separately) resistor on the rear lighting harness underneath the seat.

How To Install the Load Resistor :

- Locate the rear lighting harness. There may be a silver tag with the words "Rear Lighting Harness" on it. If not, it can be identified as it is the only harness that will go underneath the rear fender.
- Take one end of the resistor and connect it to the ground (typically the black wire) on the harness.
- Take the other end of the resistor and connect it to the brake light positive (typically the red wire with a yellow stripe).
- Mount the resistor away from other wiring. The resistor will get hot during use. We recommend mounting it away from other wiring and fastening it to metal.