

# LED Turn Signal General Installation Instructions

### **Product Overview:**

Our LED turn signals use the latest state-of-the-art technology and the best available parts for the most reliable LED products for your motorcycle. We offer the best and most comprehensive warranty in the business backed by excellent support and technical help. If you have questions, please feel free to call us at 1-800-921-3162 or email us at

#### Tools Required:

• Flat-Head Screwdriver / 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.

## Installation:

Below are steps for a typical installation on most Harley Davidson motorcycle models. Steps may be different depending on the model and year of your motorcycle. Ensure you have read through the instructions and understand them clearly before attempting the installation.



#### WARNING!



- To prevent possible electrical shock, disconnect the negative battery terminal before installing this product.
- 2" Bullet Style Turn Signals:
  - o Take off the lens cover by using a flat head screwdriver in the slot on the lens.
  - Take out the incandescent bulb.
  - Insert base into socket. Twist clockwise.

- If it does not turn easily do not force it. The guide pins are most likely protecting it from turning the wrong way. Pull the bulb out and rotate it 180 degrees. Reinsert it into the base and try again.
- o If applicable, twist the wire into the housing while inserting the turn signal.
- Clip the lens onto the turn signal housing.
- Test the turn signal functions.
- 3 ¼" Flat Style Turn Signal
  - o Remove the lens by taking out the phillips head screws on each side.
  - Remove the incandescent bulb.
  - Insert base into socket. Twist clockwise.
    - If it does not turn easily do not force it. The guide pins are most likely protecting it from turning the wrong way. Pull the bulb out and rotate it 180 degrees. Reinsert it into the base and try again.
  - If applicable, twist the wire into the housing while inserting the turn signal.
  - Reinstall the lens with the two screws.

#### TROUBLESHOOTING GUIDE

The turn signals will flash fast either right away or after a few seconds.

- For all 11-later Softails, '12-later Dynas, '14-later Sportsters, and '14-later Touring and Tri-Glide models, perform the BCM reset procedure.
  - Turn the motorcycle to IGNITION, run the hazards for 10 minutes.
- For all other models, a load resistor or load equalizer (sold separately) will need to be installed if a slower flash rate is desired. It does not damage the light or the motorcycle to have the turn signals flash faster than normal. Visit our website or contact us for more details.

The turn signals blink the correct speed, but the indicator light flashes faster than normal.

- This is normal on many models. The SUNBURST and Midnight Edition Strobing LED turn signals will function this way. For all other models of turn signals perform the BCM reset procedure.
  - o Turn the motorcycle to IGNITION, run the hazards for 10 minutes.

I am having trouble getting the light centered in the housing.

• The turn signal has an outer silver-colored ring. The clips from the turn signal lens have to push onto the ring to hold the turn signal down flat.

The lens does not "snap" in all the way.

• This is normal. With an LED turn signal is installed, the PCB board of the light is between the inner housing and the lens clips. Depending on the model, a bit more "elbow grease" is needed to get it on.

The rear turn signals work, but they do not do the running / tail light functions.

• Check the base of the turn signal. If it has one contact, the motorcycle can only have the turn signal function for the rear turn signals. To convert your rear turn signals to running and brake lights, you can use a Run / Brake / Turn Module. Contact your local Harley Davidson dealership for more details.

The rear turn signals are different / can not install.

• There are two different variations for the rear turn signals. Either 1156 (single contact) or 1157 (dual contact). If the wrong one was ordered, we can swap them out for you. Please contact us and we can help you to get the units you need sent out to you.

If you are having any issue at all, please do not hesitate to contact us. We can provide technical help on the phone (1-800-921-3162) or via email (support@eaglelights.com).