

# PROBEAM®

BY CUSTOM DYNAMICS®

## Custom Dynamics® ProBEAM® LED Taillight Installation Instructions

US Patents: D807545, D807546, D808050.

China Patent: ZL201730257957.9

We thank you for purchasing the Custom Dynamics® ProBEAM® LED Taillight! Our LEDs offer maintenance free service and higher visibility. Our ProBEAM® product line utilizes the latest technology and automotive grade components to ensure the highest level of reliable service. Custom Dynamics® offers one of the best warranty programs and customer support in the industry. If you have any questions during the installation of this product please call us at 1(800) 382-1388.

<b>Part Number:</b>	PB-TL-LP-R	PB-TL-LP-S
	PB-TL-LPW-R	PB-TL-LPW-S
	PB-TL-SB-R	PB-TL-SB-S
	PB-TL-SBW-R	PB-TL-SBW-S
	PB-TL-LPBW-R	PB-TL-LPBW-S



### Package Contents:

- ProBEAM® Taillight Assembly (1)
- Nylon Washers (1 pair)
- Gasket (1)

**Fitment:** Replaces OEM Squareback Taillight (68245-03 or 67800205) on most 1999-2024 Harley-Davidson® models.

Custom Dynamics® recommends on all models such as but, not limited to, 2001-2002 CVO Dyna Wide Glide, 1999-2008 Dyna Wide Glide (FXDWG), 2008-2013 Dyna Fat Bob (FXDF), 1999-2009 Softail Night Train (FXSTB), 2008-2011 Softail Cross Bones (FLSTS), 1999-2010 Softail Custom (FXSTC), 1999-2007 Softail Standard (FXST), 1999-2006 Springer Softail (FXSTS), 2009-2012 XR1200 & XR1200X with a OEM "bobbed" style fender use our Squareback style taillight mounted inverted.

1. 1999-earlier models must use a Pre-1999 Taillight Baseplate Kit (2010-1418 OR 2010-1419, sold separately) to install on earlier models.
2. 2022-2024 Low Rider ST (FXLRST) & 2022 Low Rider El Diablo (FXRST) require wiring adapter 2130-0352 for installation (sold separately).
3. 2020-2022 Harley-Davidson® Tri Glide Ultra CVO (FLHTCUTGSE) requires qty 2 wiring adapter 2050-0417 for installation (sold separately).

### Installation:

1. Remove stock taillight by removing the 2 Phillips head screws, save for use with the new LED taillight.
2. Unplug the existing taillight connector from the terminal block on the taillight baseplate.
3. Make sure the new ProBEAM® LED taillight base is clean and free of debris.
4. Remove white paper from back of gasket and apply gasket to the new ProBEAM® LED taillight assembly. (**Note:** Gasket on the new unit will need to make clean contact with the taillight base all the way around.)
5. Plug the 4 pin Amp connector of the new ProBEAM® LED taillight into the same location that the existing taillight was connected on the baseplate terminal block.
6. Place (1) nylon washer (included) on each taillight mounting screw.
7. Fit the new LED taillight into the taillight base, insert right Phillips head screw, with nylon washer, and tighten 1 turn. Insert left Phillips head screw, with nylon washer, and tighten 1 turn.
8. To ensure proper fit, take top of LED taillight and tip it downward so that the top of the taillight assembly goes under the lip of the taillight base. While holding in this position, tighten both left and right screws equally until taillight is fully seated and screws are snug. **DO NOT OVERTIGHTEN!** Overtightening screws will crack the lens at the screw holes and void warranty.
9. Check Operation of taillight in both running and brake modes.



## ATTENTION



Please read all Information below before Installation

**DO NOT OVERTIGHTEN!** Overtightening screws during installation can crack the lens at the screw holes and void the warranty.

**Do NOT use thread lock** such as Loc-Tite™ with this product, it will weaken the plastic at the screw holes causing cracks and will void the warranty.

**Important:** DOT & SAE Compliant run and brake. Integrated turn signals are intended for use as auxiliary lighting only. Integrated turn signals are NOT intended to replace any original equipment lighting installed on the vehicle and should not be used for that purpose. This product must be wired so that it does not interfere with any original equipment lighting.

Questions? Email: [info@CustomDynamics.com](mailto:info@CustomDynamics.com) or Call us at: 1 (800) 382-1388 M-TH 8:30AM-5:30PM / FR 9:30AM-5:30PM EST