

PROBEAM®

BY CUSTOM DYNAMICS®

Custom Dynamics® ProBEAM® Integrated LED Taillight Installation Instructions

US Patents: D807545, D807546, D808050.

China Patent: ZL201730257957.9

We thank you for purchasing the Custom Dynamics® ProBEAM® Integrated 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.

Part Number:

RED: PB-TL-INT-TW-R PB-TL-INT-BW-R PB-TL-INT-NW-R

SMOKED: PB-TL-INT-TW-S PB-TL-INT-BW-S PB-TL-INT-NW-S

Package Contents:

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

Fitment: 1999-2013 Harley-Davidson® Sportster models (Except XL1200N, XL1200X, XL1200V or XL883N); 2014-2019 XL883L & XL1200T, 1999-2017 Dynas® (Except 2009-2017 FXDB, 2010-2017 FXDWG), 1999-2017 Softails® (Except FXS, FLS, FXSB, FXSBSE, FLSTN, FLSTNSE, FXCWC, 2010 FLSTSE2), 2018-2021 Heritage Classic (FLHC), 1999-2013 Electra Glide, Ultra Classic, Ultra Limited models (including CVO™), Road King Classic (FLHRC), Road Glide Ultra (FLTRU), Road Glide Ultra CVO™ (FLTRUSE), 1999-2009 Road Glide Standard (FLTR), 2006-2009 Street Glide (FLHX), 1999-2021 Road King® (FLHR), 2014-2015 Limited CVO™, 2015 Road Glide® Ultra CVO™ (FLTRUSE), 2019-2021 Electra Glide® Standard (FLHT).

Replaces: OEM Squareback Taillight PN:68245-03

Not Recommended for: inverted installation on 01 FXDWG2, 02 FXDWG3, 99-08 FXDWG, 2008-2013 FXDF, 99-09 FXSTB, 08-11 FLSTSB, 99-10 FXSTC, 99-07 FXST, 99-06 FXSTS, 09-12 XR1200 & XR1200X

Note: Not compatible on Trike models, on models with Run/Brake/Turn module installed or on CanBus models with Brake/Turn BCM programming



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. Locate the left and right 2 pin turn signal connectors. Press down release tab on the top of connector to unplug both. (See Figure 1 on Page 2)



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? Call us at: 1 (800) 382-1388 M-TH 8:30AM-5:30PM / FR 9:30AM-5:30PM EST

Instructions Continued:

7. Plug the 2 pin turn signal plugs from new taillight into the same connectors, brown is right turn, purple is left turn. Make sure they lock in place. (See figure 1)
8. If you are continuing to use the stock turn signals, plug the them into the 2 pin connectors on the tail light. Brown is right, purple is left. Make sure they lock in place. (See figure 2)
9. Tuck connectors into the center space in the center of the base. Make sure there is enough space to allow installation of the taillight. (See Figure 3)
10. Fit the new ProBEAM® 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.
11. To ensure proper fit, take top of ProBEAM® 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.
12. Check Operation of taillight in run, turn, and brake modes.

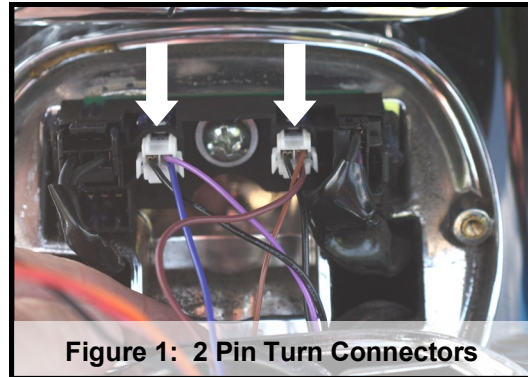


Figure 1: 2 Pin Turn Connectors

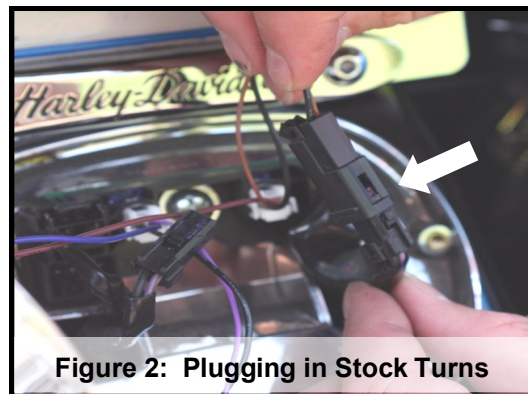


Figure 2: Plugging in Stock Turns

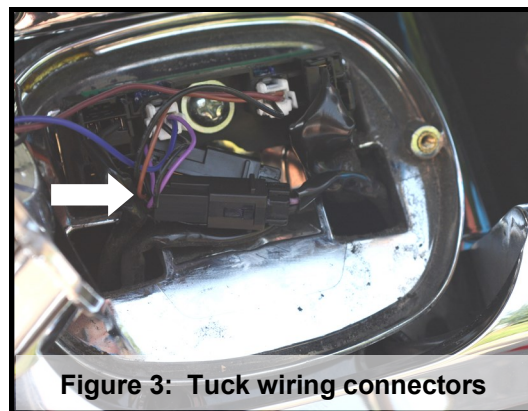


Figure 3: Tuck wiring connectors