



Custom Dynamics® Integrated LED Taillight Installation Instructions

We thank you for purchasing the Custom Dynamics®. Our products utilize the latest technology and high quality components to ensure you the most reliable service. We offer one of the best warranty programs in the industry and we back our products with excellent customer support, if you have questions before or during installation of this product please call Custom Dynamics® at 1(800) 382-1388.

Part Number:

RED: CD-INT-TL-NW-R CD-INT-TL-W-R

SMOKED CD-INT-TL-NW-S CD-INT-TL-W-S

Package Contents:

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

Fitment: 1999-2013 Harley-Davidson® Sportster models (Except XL1200N, XL1200X, XL1200V or XL883N); 2014-2022 XL883L & XL1200T, 1999-2017 Dyna models (Except 2009-2017 FXDB, 2010-2017 FXDWG), 1999-2017 Softail models (Except FXS, FLS, FXSB, FXSBSE, FXSTD, FXSTDSE, FLSTN, FLSTNSE, FXCWC, 2010 FLSTSE2), 2018-2022 Heritage Classic (FLHC), Low Rider (FXLR), Low Rider S (FXLRS), 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), 1999-2022 Road King (FLHR), 2014-2015 Limited CVO™, 2015 Road Glide Ultra CVO™ (FLTRUSE), 2022 Street Glide ST (FLHXST), 2022 Road Glide ST (FLTRXST) and 2019-2022 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 LED taillight base is clean and free of debris.
4. Remove white paper from back of gasket and apply gasket to the new 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 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)



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

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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 Integrated 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 Integrated 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.

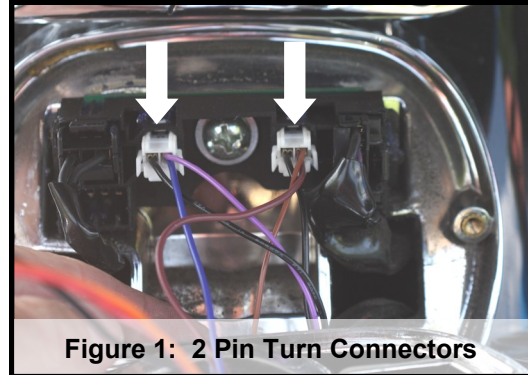


Figure 1: 2 Pin Turn Connectors

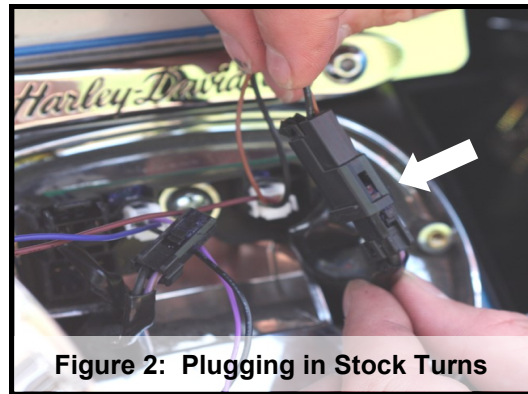


Figure 2: Plugging in Stock Turns

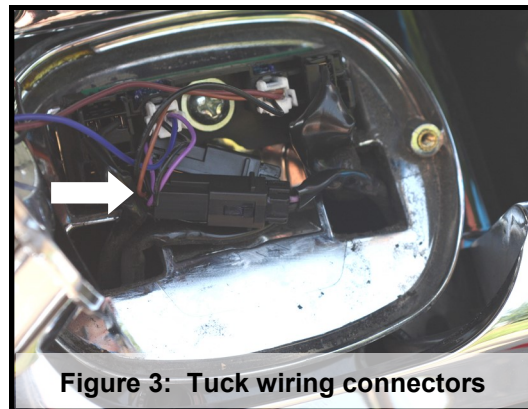


Figure 3: Tuck wiring connectors