

Custom Dynamics® ProBEAM® Tour-Pak® Lighting Kit Installation Instructions



We thank you for purchasing the Custom Dynamics® ProBEAM® Tour-Pak® Lighting Kit. 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: CD-TP-KIT-25-R CD-TP-KIT-25-S

Package Contents:

- ProBEAM® Sequential Tour-Pak® Light (1)
- CD-HARN-TP-1 Harness (1)
- CD-TP-QD-23-I Harness (1)
- PB-TP-DRILL-KIT (1)
- Mounting Screws (4)
- Antenna Adapter (2)
- CB Cable Stud, Nut and Washer (1)
- Radio Antenna Stud Nut (1)
- Antenna Stud Hole Plug (2)
- Magnet (1)
- Instructions (1)



Fitment: 2025 Harley-Davidson® Street Glide Ultra (FLHXU).

Also fits 2023-2025 Harley Davidson® CVO Street Glide (FLHXSE), CVO Road Glide (FLTRXSE), 2024-2025 Street Glide (FLHX), Road Glide (FLTRX), and CVO Road Glide ST (FLTRXSTSE) with add on OEM King Tour-Pak® Luggage 53000775.

Installation:

1. Remove the seat and disconnect negative battery cable from the battery.
2. Remove all contents from the Tour-Pak® and support the lid open to access the lid tether anchor.
3. Remove the 2 screws holding the lid tether anchor to the lower Tour-Pak®. Shown in **Figure 1**.



4. Remove the Tour-Pak® liner
5. Reinstall the Tour-Pak® tether anchor to the lower Tour-Pak®.
6. Remove the white protective film from the adhesive strips on the template. Shown in **Template Drawing on Page 2**.
7. Align the "L" shaped cutout side of the template with the rear Tour-Pak® Lid hinge. Shown in **Figure 2 on Page 2**.



ATTENTION

Please read all Information below before Installation

Warning: Disconnect negative battery cable from battery; refer to owner's manual. Failure to do so may result in electrical shock, injury, or fire. Secure negative battery cable away from positive side of battery and all other positive voltage sources on motorcycle.

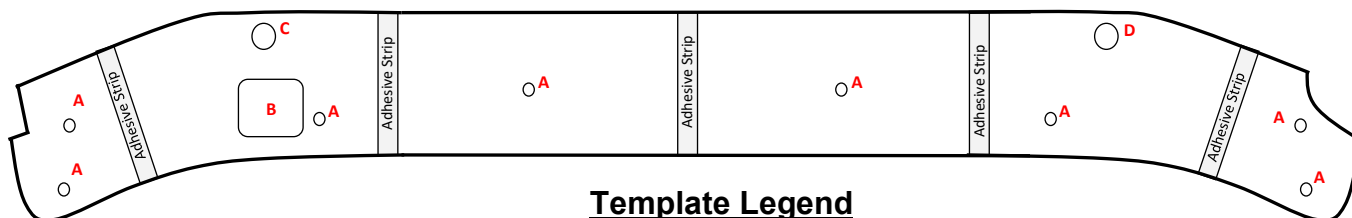
Safety First: Always wear appropriate safety gear including safety glasses when performing any electrical work. It is highly recommended that safety glasses be worn throughout this installation process. Be sure motorcycle is on level surface, secure and cool.

Note: Do **NOT** install long whip antennas or flags in the screw holes to this product. It will weaken the plastic at the screw holes causing cracks and will void the warranty.

Note: Do **NOT** use thread locker such as Loc-Tite™ with this product. It will weaken the plastic at the screw holes causing cracks and will void the warranty.

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

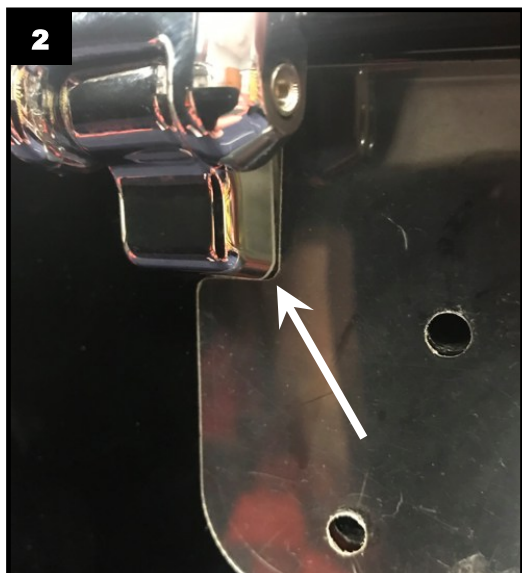
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Template Legend

- A. Screw Mounting Hole
- B. Connector Pass Through
- C. Radio Antenna Hole
- D. CB Antenna Hole

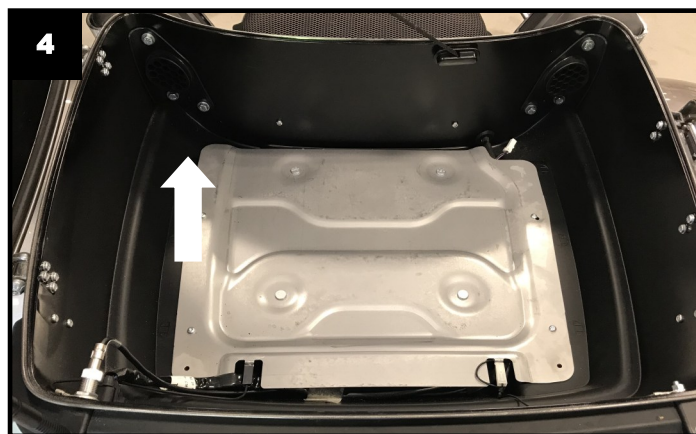
Installation Continued:



8. Pull the template around the backside of the Tour-Pak® so the other side of the template meets the Tour-Pak® latch. Shown in **Figure 3**.



9. Carefully inspect the template, making sure it is straight and laying flat across the back of the Tour-Pak®. If the template is not straight, remove the template and repeat Steps 7 and 8.
10. Mark the template screw mount holes and connector pass through. Only mark the radio or cb antenna holes if the motorcycle is equipped with them. Shown in **Template Drawing**.
11. Remove the Template.
12. Using a 3/16" drill bit, drill the 8 screw mounting holes in the back of the Tour-Pak®.
13. Cut the square connector pass through out of the back of the Tour-Pak®.
14. If installing the radio and cb antennas, use a 9/16" drill bit to drill the radio antenna hole and a 5/16" drill bit to drill the cb antenna hole.
15. Drill an 1/8" pilot hole in the left front bottom of the Tour-Pak® for the supplied CD-HARN-TP-1 Harness to go through. Shown in **Figure 4**. CD-HARN-TP-1 Harness will connect to ProBEAM® Sequential Tour-Pak® Light connectors on the inside of the Tour-Pak®. Use a stepper drill bit to open the hole to the needed size.
Note: Recommend drilling hole to the size of the wires and de-pinning the connector to route wire through hole.

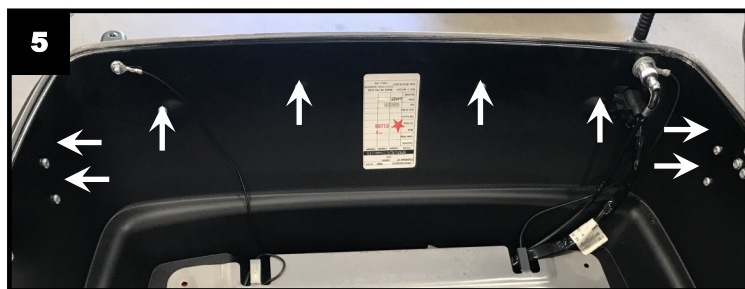


16. Connect the supplied CD-TP-QD-23-I Harness to the rear lighting connector under seat and connect the wire from the CD-HARN-TP-1 Harness to CD-TP-QD-23-I Harness.
17. The Tour-Pak® is now ready for the ProBEAM® Sequential Tour-Pak® Light to be installed.

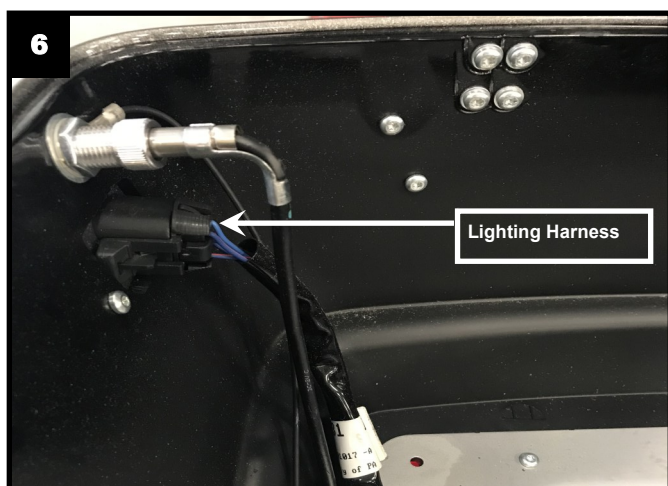
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Installation Continued:

18. Install the ProBEAM® Sequential Tour-Pak® Light using the supplied Mounting Screws. Shown in **Figure 5**.



19. Install the remaining hardware for the ProBEAM® Sequential Tour-Pak® Light and plug in the CD-HARN-TP-1 Harness into the ProBEAM® Sequential Tour-Pak® Light. Shown in **Figure 6**.



20. Install the supplied Antenna Stud Hole Plugs (If antennas are not being used) in the ProBEAM® Sequential Tour-Pak® Light.
21. Reinstall Tour-Pak® liner to the inside of the Tour-Pak®.
22. Reconnect the negative battery cable to the battery and reinstall the seat.
23. Test the Custom Dynamics® ProBEAM® Sequential Tour-Pak® Light for proper operation.

Program Mode:

To select the turn signal configuration, key-on/power-on the ignition switch then engage the right turn signal. Place the supplied magnet at/near the position shown in **Figure 7** within 20 seconds of key-on/power-on. Once the ProBEAM® Sequential Tour-Pak® Light senses the magnet, it will change and display the next turn signal configuration. See order of configurations below. To cycle to the next turn signal configuration, move the magnet away from the position in **Figure 7** and bring it back to the previous position within 10 seconds. If the magnet is continuously held at/near the position in **Figure 7**, the ProBEAM® Sequential Tour-Pak® Light will display or demonstrate the current Turn Signal configuration. If the magnet is removed for longer than 10 seconds, the turn signal configuration will be saved.

Choose between three turn signal function modes.

- **Sequence On:** The turn signal LED's Turn ON in sequence from inward to outward.
- **Sequence Off:** The turn signal LED's all Turn ON initially, then sequence OFF from inward to outward
- **Standard Flash**

